SELECTED DRILL-STEM TEST DATA FOR THE UPPER COLORADO RIVER BASIN

By Ralph W. Teller and Daniel T. Chafin

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METRIC CONVERSIONS

The inch-pound units used in this report may be converted to SI (International System of Units) by use of the following conversion factors:

Multiply inch-pound unit	*By*	*To obtain SI unit*
barrel	0.159	cubic meter
foot (ft)	0.3048	meter
foot per day (ft/d)	0.3048	meter per day
mile (mi)	1.609	kilometer
millidarcy	0.000987	square micrometer
square mile (mi^2)	2.590	square kilometer
pound per square inch (lb/in^2)	6.895	kilopascal
Degree Fahrenheit (°F)	°C = 5/9 (°F-32)	degree Celsius (°C)

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ABSTRACT

Drill-stem test data collected during petroleum exploration can be analyzed to provide information on formation head and permeability that is needed for regional hydrologic investigations. Approximately 2,000 drill-stem tests were analyzed as part of a ground-water study of a part of the Upper Colorado River Basin. Analyses of these drill-stem tests provided values for undisturbed formation head and, in some cases, permeabilities that were converted to intrinsic permeabilities and hydraulic conductivities. Results of these analyses are presented in tabular form. Information collected on the hydrologic characteristics of the formations tested will be used for flow-system analysis, including simulation modeling.

INTRODUCTION

Regional studies of ground-water resources and aquifer systems require analysis of the hydrologic properties of the system, including aquifers and confining layers. In some areas, such information may be available from drill-stem tests made during the course of petroleum exploration. Drill-stem data were purchased from Roger Hoeger (written commun., 1980) for the analyses presented in this report. As part of the Upper Colorado River Basin regional aquifer system analysis, approximately 2,000 drill-stem tests were analyzed. This report summarizes these analyses and provides permeability data that can be used by hydrologists and other earth scientists. Data from the upper part of the San Juan drainage basin will be included in other studies and are not presented in this report.

LOCATION OF STUDY AREA

The Upper Colorado River Basin (fig. 1) comprises the drainage basin of the Colorado River above Lees Ferry, Ariz. The upper basin is on the west side of the Continental Divide and includes parts of Arizona, Colorado, New Mexico, Utah, and Wyoming. It encompasses an area of 113,500 mi^2 and extends from latitude 35°34' N. to 43°27' N., a distance of about 550 mi, and from longitude 105°38' W. to 112°19' W., a distance of about 350 mi.

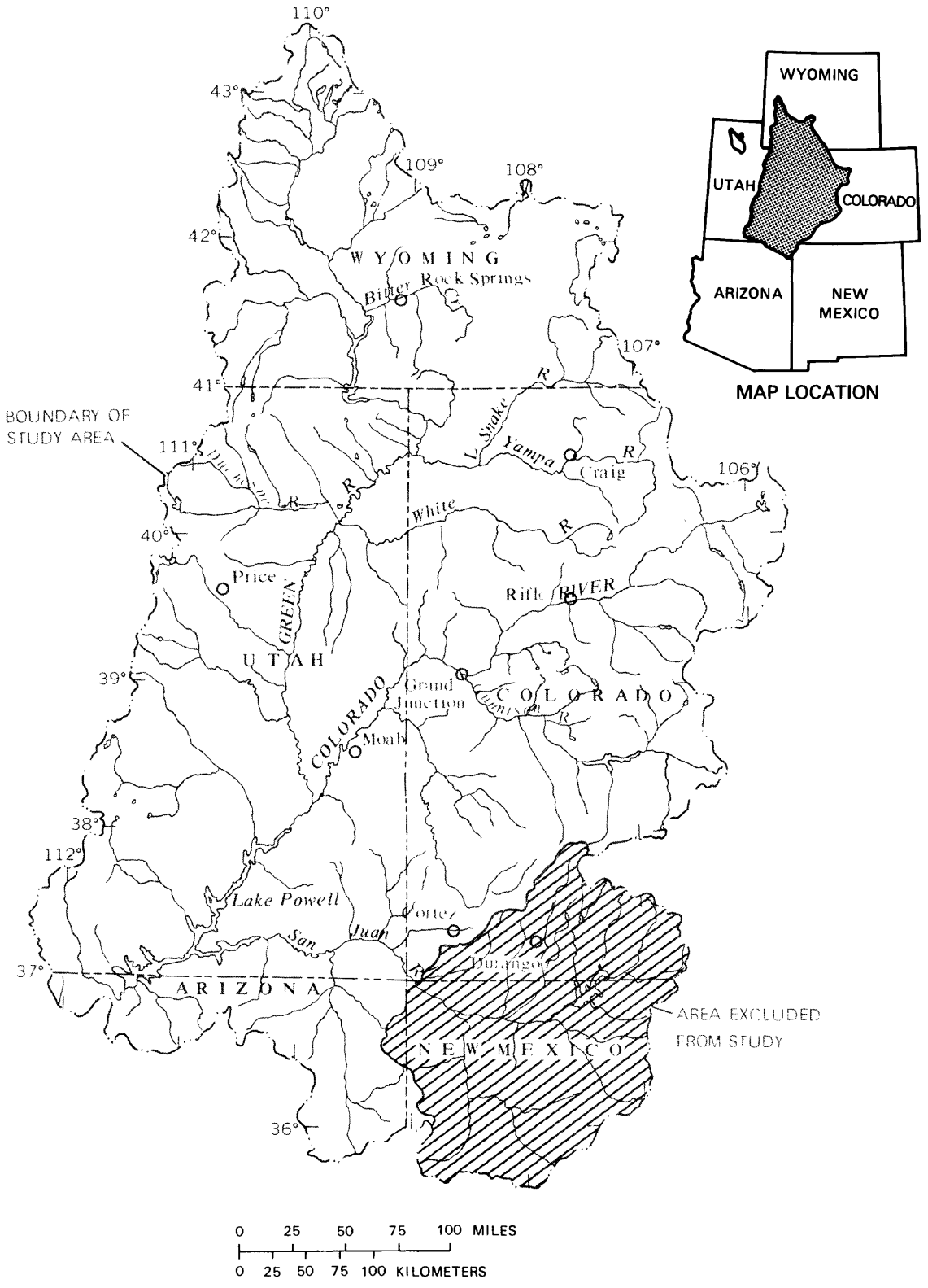

Figure 1.--Location of study area.

The Upper Colorado River Basin is characterized by rugged mountains, high plateaus, broad expanses of desert, and narrow valleys. It is bounded on the east and north by mountains forming the Continental Divide and on the west by the Wasatch Mountains and the Wyoming Range. It is bounded on the south by plateaus and small mountain ranges that separate the San Juan River drainage from the Little Colorado River drainage. Discharge from the Upper Colorado River Basin to the lower basin is at Lees Ferry in northern Arizona.

The main valleys of the Upper Colorado River Basin have been cut by the Colorado River and its principal tributaries, the Gunnison, Green, and San Juan Rivers. Altitudes range from 3,100 ft at Lees Ferry to more than 14,000 ft on many of the mountain peaks.

LOCATION OF DRILL-STEM TEST SITES

Drill-stem tests included in this report are listed by the drill-site location, using the U.S. Bureau of Land Management System of Land Subdivision. Site locations are identified by their township, range, and section numbers, as illustrated by example in figure 2.

DRILL-STEM TESTS

Drill-stem test data are presented in the Drill-Stem Test Data section in tables 1-11; these data are grouped according to the formations within the hydrogeologic units shown on plate 1 (in the pocket in the back cover). These units are classified on the basis of depositional environment and lithology. Geologic formations within which the tests were conducted are identified by a formation code in table 1. Stratigraphic columns on plate 1 also indicate the geologic age of many of the formations tested (the complex stratigraphy prevents all members from being included in the columns) and their relation to principal tectonic features (fig. 3). Some drill sites may have data from tests done at several intervals or depths in the same drill hole. These data may reflect differences in physical conditions, for example fluid temperature and viscosity, at the given depth or interval tested. Permeability data were corrected for variations in viscosity; curves depicting the relationship between viscosity and temperature for this correction are shown in figure 4. Figures 3 and 4 follow this discussion immediately. Maps (figs. 5 through 15) are placed in the Drill-Stem Test Data section at the back of the report, preceding each relevant table, to indicate the general locations of test sites and areal distribution of test data within hydrogeologic units.

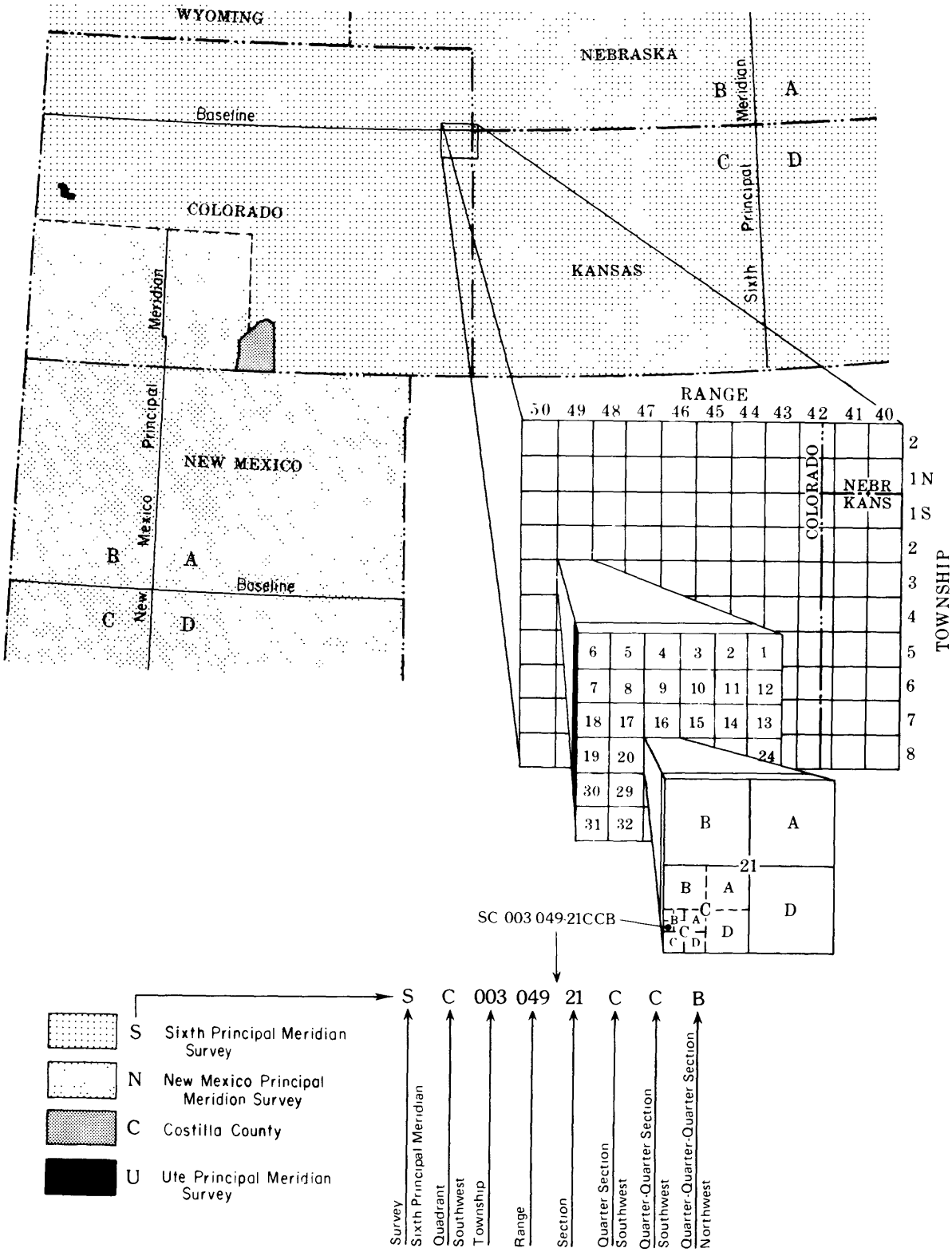

Figure 2.--System of identifying drill-site locations.

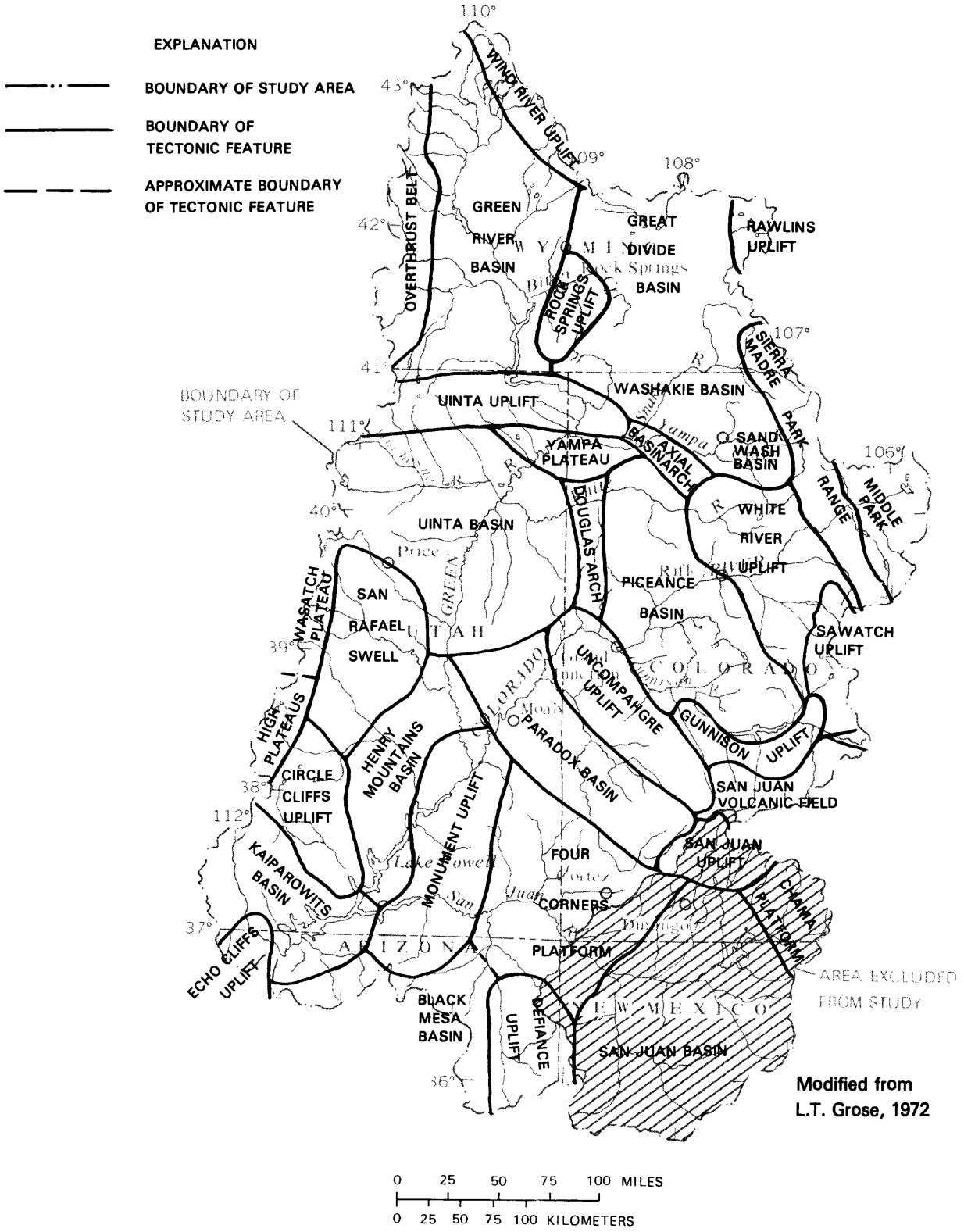

Figure 3.--Principal tectonic features of the Upper Colorado River Basin.

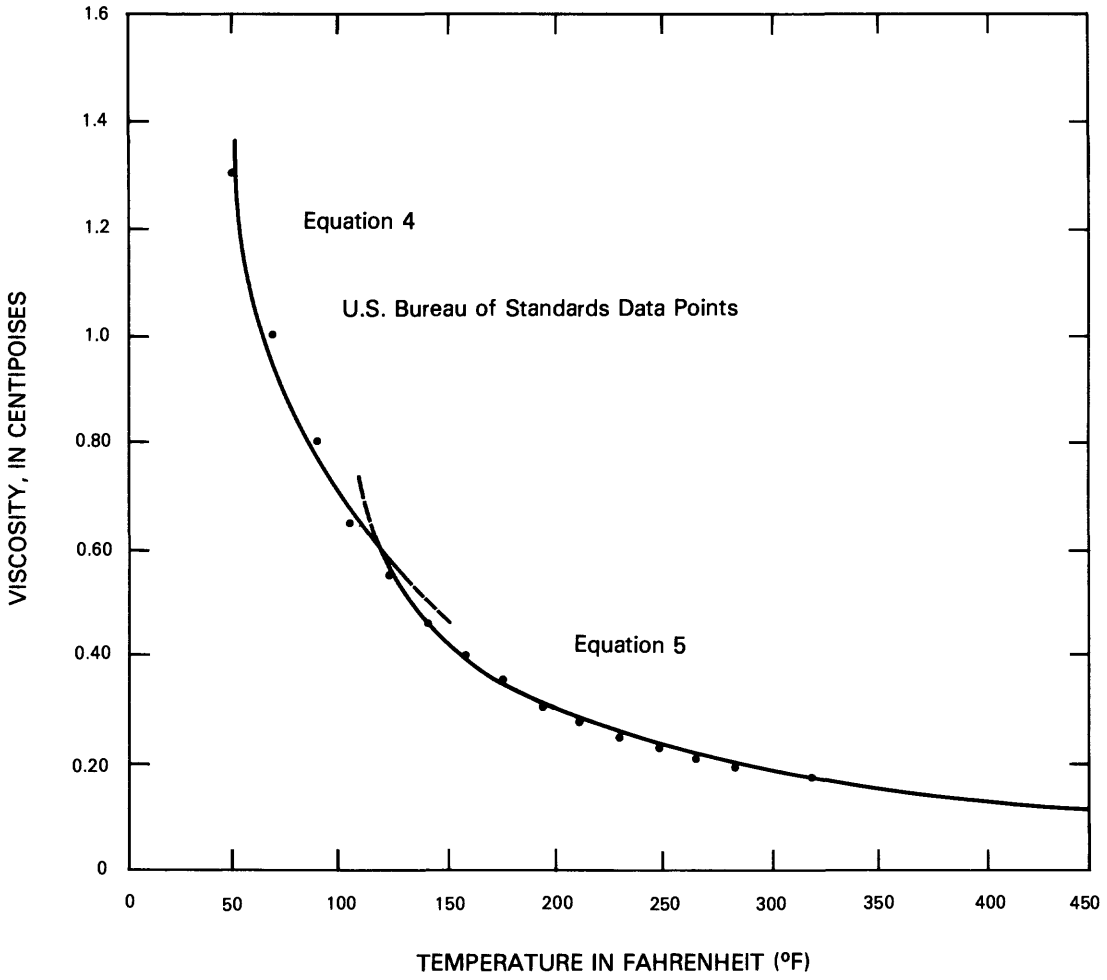

Figure 4.--Relation between viscosity and water temperature.

A drill-stem test is much like a bail test or a short-term aquifer recovery test. A volume of fluid is removed from the well bore during a known period of time; then, the fluid head is allowed to recover. Analysis of the recovery data provides information on the pressure and permeability of the formation in the interval tested. Values obtained from this analysis may be influenced by localized oil field production activity. Some high shut-in heads may indicate that the formation is abnormally overpressured.

In a typical drill-stem test, the stratigraphic interval of interest in the hole is isolated from the rest of the hole by the use of packers attached to the bottom of the drill stem. After the drill stem has been lowered into the well bore, and the packers have been expanded to seal off and isolate the interval to be tested, a valve is opened to allow fluid to flow from the formation into the drill stem, under the influence of the head difference between the formation and the atmosphere in the drill stem. The valve is then closed, or shut in, and the head recovery of the formation is monitored by a pressure sensor open to the well bore in the tested interval.

In addition to the pressure measurements that provided information on static formation head and permeability, fluid-temperature data also were collected during the tests. In most cases, fluid recovered from the drill stem can be analyzed for chemical composition.

Drill-stem tests contained in this report were selected on the basis of meeting certain quality criteria, including:

1. Pressure curves that did not exhibit any effects from plugging;
2. No pressure loss from packer slippage or malfunction;
3. Sufficient period of monitoring pressure recovery following shut-in of the flow valve; and
4. No malfunctions of the pressure gage.

Tests that met these criteria were analyzed by means of the Horner graphical method (Bredehoeft, 1965). Pressure was plotted as the ordinate on an arithmetic scale, versus $\frac{t+\theta}{\theta}$ as the abscissa on a logarithmic scale, where

t = duration of flow preceding shut-in, and θ = time since shut-in of flow valve.

The resulting plot should be linear, if the test behaves ideally. If a straight-line plot was obtained, the best-fit line through the data was extrapolated to $\log \frac{t+\theta}{\theta} = 1$, which was equivalent to an infinite time since shut-in. The pressure at this time was an estimate of the pressure to which the formation will recover. This intercept pressure was taken as the original formation pressure (P_f) at the gage altitude.

Undisturbed, or shut-in head, presented as the altitude of the potentiometric surface in terms of fresh-water equivalent, was calculated by means of the equation:

$$H = A - D + 2.33\ P_f, \tag{1}$$

where H = shut-in head (ft),

A = land-surface altitude of bore hole (ft),

D = depth below land surface at which pressure was measured (ft), and

P_f = extrapolated or stabilized formation pressure (lb/in^2). The constant 2.33 converts pressure to equivalent fresh-water head. In some cases, it was found that shut-in pressures stabilized and that the Horner graphical extrapolation method was not necessary. In these cases, shut-in head was calculated directly by using the stabilized pressure in the above equation.

Several forms of permeability data also are included in tables 2-11 in the Drill-Stem Test Data section of this report. Permeabilities in millidarcies per centipoise resulted from the standard drill-stem test analysis. Intrinsic permeabilities were calculated to indicate formation characteristics; hydraulic conductivities were calculated to indicate the formation and fluid characteristics for ground-water flow analysis.

If the fluid recovered was mostly water (mud or oil, less than 15 percent by volume) and a linear Horner plot was obtained, permeabilities were calculated by the equation:

$$\frac{kh}{\mu} = \frac{162.6\ Q}{m}, \tag{2}$$

where k = intrinsic permeability (millidarcy),

h = thickness of test interval (ft),

μ = dynamic viscosity of fluid (centipoise),

Q = fluid recovery in barrels per day, and

m = change in gage pressure over one log cycle in Horner plot. Q is calculated by multiplying the number of feet of fluid recovery by the capacity (in barrels/ft) of drill collars and pipes and multiplying by

$$\frac{1{,}440 \text{ minutes per day.}}{t \text{ (minutes)}}$$

Permeability values in millidarcies per centipoise were converted to intrinsic permeability values in millidarcies by multiplying by dynamic fluid viscosity. Intrinsic permeability was then converted to hydraulic conductivity, K, in feet per day at 60°F, by the following equation:

$$k \times \frac{18.2 \times 10^{-3}}{7.48} = K \ . \qquad (3)$$

Conversion from millidarcies per centipoise to intrinsic permeability requires a value for dynamic viscosity of the fluid. This value is a function of the temperature of the fluid. To generate the viscosity at an indicated fluid temperature, equations were used to approximate the viscosity value of water for temperatures over the range of the data. For the range:

$$50°F \text{ to } 120°F, \ \mu = 1.9299 - 0.81807 \log \left(\frac{5 \times T(°F)}{9} - 22.78\right). \qquad (4)$$

$$120°F \text{ to } 425°F, \ \mu = 0.9353 - 0.3670 \log \left(\frac{5 \times T(°F)}{9} - 57.80\right). \qquad (5)$$

Curves for the two equations were compared with Bureau of Standards tabulated values of viscosity as a function of temperature (fig. 4).

No viscosity correction was made for dissolved-solids concentration in the fluid. Users having sufficient water-quality information available may wish to consult U.S. Geological Survey Open-File Report 82-447 (Weiss, 1982) for dissolved-solids correction techniques.

DRILL-STEM TEST DATA

Table 1.--*Geologic codes and formation names*

CODE	FORMATION NAME
000IGNS	IGNEOUS ROCKS
120TRTR[1]	TERTIARY SYSTEM
124DGCK	DOUGLAS CREEK MEMBER (GREEN RIVER FORMATION)
124EOCN	EOCENE SERIES
124GDGC	GARDEN GULCH MEMBER (GREEN RIVER FORMATION)
124GRRV	GREEN RIVER FORMATION
124PCCK	PARACHUTE CREEK MEMBER (GREEN RIVER FORMATION)
124TPTG	TIPTON TONGUE (GREEN RIVER FORMATION)
124UINT	UINTA FORMATION
124WSTC	WASATCH FORMATION
125FRUN	FORT UNION FORMATION
125OCRK	OHIO CREEK MEMBER (HUNTER CREEK FORMATION)
125PLCN	PLIOCENE SERIES
210CRCS	CRETACEOUS SERIES
210DKOT	DAKOTA SANDSTONE
211ALMD	ALMOND FORMATION (MESAVERDE GROUP)
211BLIR	BLAIR FORMATION (MESAVERDE GROUP)
211BXTR	BAXTER SHALE
211CODY	CODY SHALE
211CSLG	CASTLEGATE SANDSTONE (MESAVERDE GROUP)
211EMRY	EMERY SANDSTONE MEMBER (MANCOS SHALE)
211ERCS	ERICSON FORMATION (MESAVERDE GROUP)
211FRLD	FRUITLAND FORMATION
211FRNR	FRONTIER FORMATION
211FRRN	FERRON SANDSTONE MEMBER (MANCOS SHALE)
211FXHL	FOX HILLS SANDSTONE
211HLRD	HILLIARD SHALE
211LNCE	LANCE FORMATION
211LWIS	LEWIS SHALE
211MNCS	MANCOS SHALE
211MVRD	MESAVERDE FORMATION
211NBRR	NIOBRARA FORMATION
211PCRV	PRICE RIVER FORMATION (MESAVERDE GROUP)
211RKSP	ROCK SPRINGS FORMATION (MESAVERDE GROUP)
211STEL	STEELE SHALE
211TRCK	TROUT CREEK SANDSTONE MEMBER (ILES FORMATION)
211TRPC	TROPIC SHALE
217ASPN	ASPEN SHALE
217BCKR	BUCKHORN CONGLOMERATE MEMBER (CEDAR MOUNTAIN FORMATION)
217BRRV	BEAR RIVER FORMATION
217CDMN	CEDAR MOUNTAIN FORMATION
217MDDY	MUDDY SANDSTONE
220GLNC	GLEN CANYON GROUP
220NGGT	NUGGET SANDSTONE
220NVJO	NAVAJO SANDSTONE (GLEN CANYON GROUP)
221CRTS	CURTIS FORMATION (SAN RAFAEL GROUP)

Table 1.--*Geologic codes and formation names*--Continued

CODE	FORMATION NAME
221ENRD	ENTRADA SANDSTONE (SAN RAFAEL GROUP)
221MRSN	MORRISON FORMATION
221SLWS	SALT WASH SANDSTONE MEMBER (MORRISON FORMATION)
221SNDC	SUNDANCE FORMATION
231CHNL	CHINLE FORMATION
231CRMN	CROW MOUNTAIN SANDSTONE (CHUGWATER GROUP)
231SRMP	SHINARUMP MEMBER (CHINLE FORMATION)
231WNGT	WINGATE SANDSTONE (GLEN CANYON GROUP)
237DNDY	DINWOODY FORMATION
237GSEG	GOOSE EGG FORMATION
237MNKP	MOENKOPI FORMATION
237SNBD	SINBAD LIMESTONE MEMBER (MOENKOPI FORMATION)
237TYNS	THAYNES LIMESTONE
237WDSD	WOODSIDE SHALE
310PMPV	PERMIAN-PENNSYLVANIAN SYSTEM
310PRMN	PERMIAN SYSTEM
310WEBR	WEBER SANDSTONE
311PSPR	PHOSPHORIA FORMATION
317CDRM	CEDAR MESA SANDSTONE MEMBER (CUTLER FORMATION)
317CTLR	CUTLER FORMATION
317DCLL	DECHELLY SANDSTONE (CUTLER FORMATION)
317ELPC	ELEPHANT CANYON FORMATION
317KIBB	KAIBAB LIMESTONE
317OGRK	ORGAN ROCK TONGUE (CUTLER FORMATION)
317PRKC	PARK CITY FORMATION
317WTRM	WHITE RIM SANDSTONE MEMBER (CUTLER FORMATION)
320PSLV	PENNSYLVANIAN SYSTEM
321HKTL	HONAKER TRAIL FORMATION (HERMOSA GROUP)
321TSLP	TENSLEEP SANDSTONE
324HRMS	HERMOSA FORMATION
324MNRN	MINTURN FORMATION
324MOLS	MOLAS FORMATION
324MRGN	MORGAN FORMATION
324MRON	MAROON FORMATION
324PKTL	PINKERTON TRAIL FORMATION (HERMOSA GROUP)
324PRDX	PARADOX FORMATION (HERMOSA GROUP)
324RICO	RICO FORMATION
330MSSP	MISSISSIPPIAN SYSTEM
330RDLL	REDWALL LIMESTONE
331LDVL	LEADVILLE LIMESTONE
331MDSN	MADISON LIMESTONE
340DVNN	DEVONIAN SYSTEM
341ANTH	ANETH FORMATION
341ELBR	ELBERT FORMATION
360ODVC	ORDOVICIAN SYSTEM
370CMBR	CAMBRIAN SYSTEM

[1]Tertiary system undifferentiated included in table 2.

HEADINGS FOR TABLES 2-11:
DRILL-STEM TEST DATA

LOCATION - Township, Range, Section (see fig. 2)

STATE - Abbreviated by U.S. Postal Code

COUNTY - County name

FORMATION - For formation code see table 1

INTERVAL TESTED - Depth in feet below measuring point

SHUT-IN HEAD, FT - Head in feet above sea level

**** - Data not available

ALT. OF M.P. - Altitude of Measuring Point - Altitudes reported by drillers on petroleum logs may be measured from undefined points at land surface, drill floor, Kelly bushing or rotary table.

PERMEABILITY - The millidarcy (md) is a standard unit of permeability. One darcy is equivalent to the passage of one cubic centimeter of fluid of one centipoise viscosity flowing in one second under a pressure differential of one atmosphere through a porous medium having an area cross-section of one square centimeter. One millidarcy (md) is one one-thousandth of a darcy. The absolute unit of viscosity, poise, is equal to one dyne-second per square centimeter. Centipoise (cp), one one-hundredth of a poise, is a more convenient unit, and the one more commonly used.

HYDRAULIC CONDUCTIVITY - In units of feet per day (ft/d). Values rounded by the computer to 0.00 indicate value is less than 0.01 ft/d.

TEMPERATURE (°F) - In degrees Fahrenheit

TEST DATE - Year drill-stem test conducted

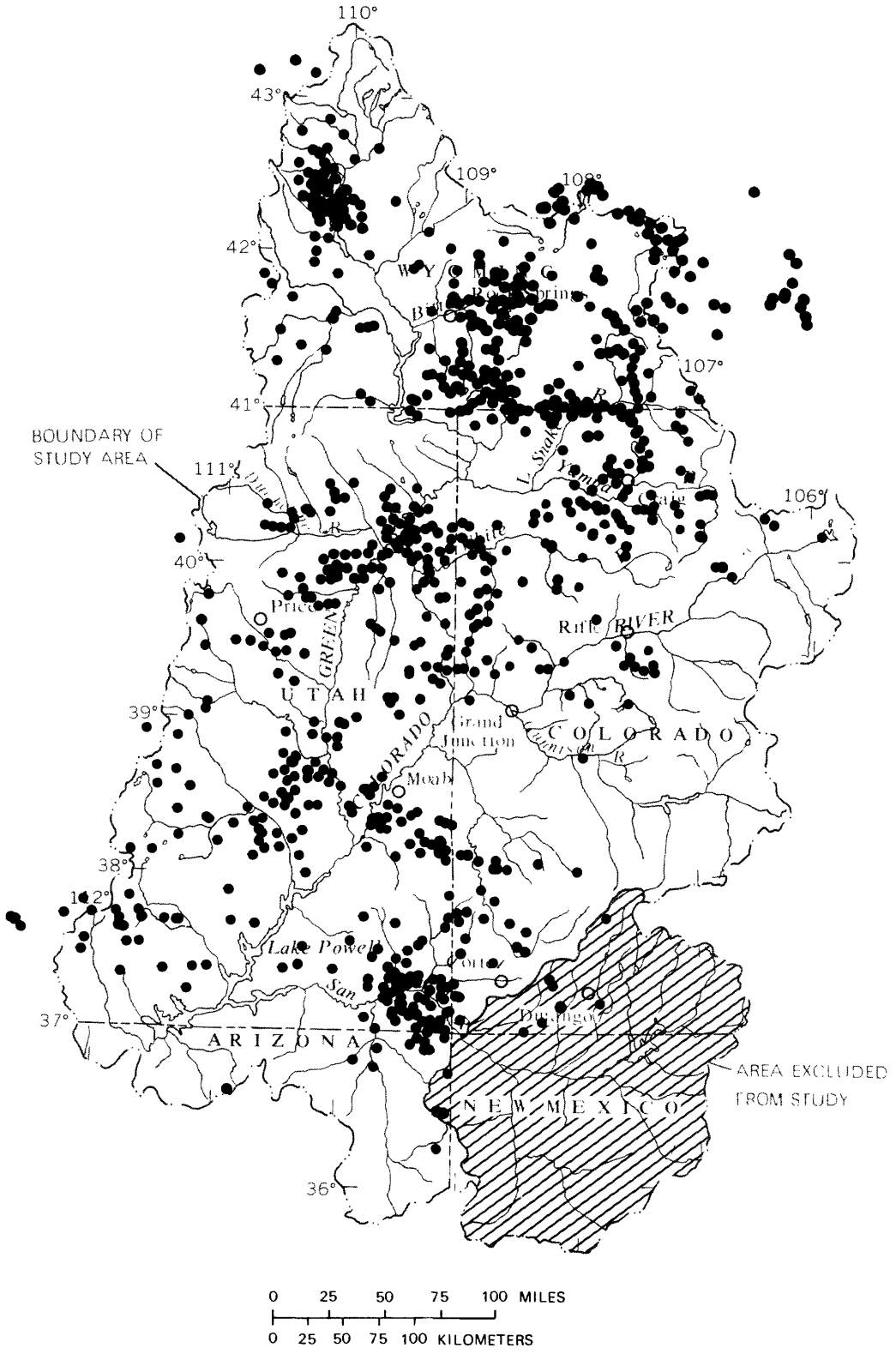

Figure 5.--Location of drill-stem test data for all hydrogeologic units.

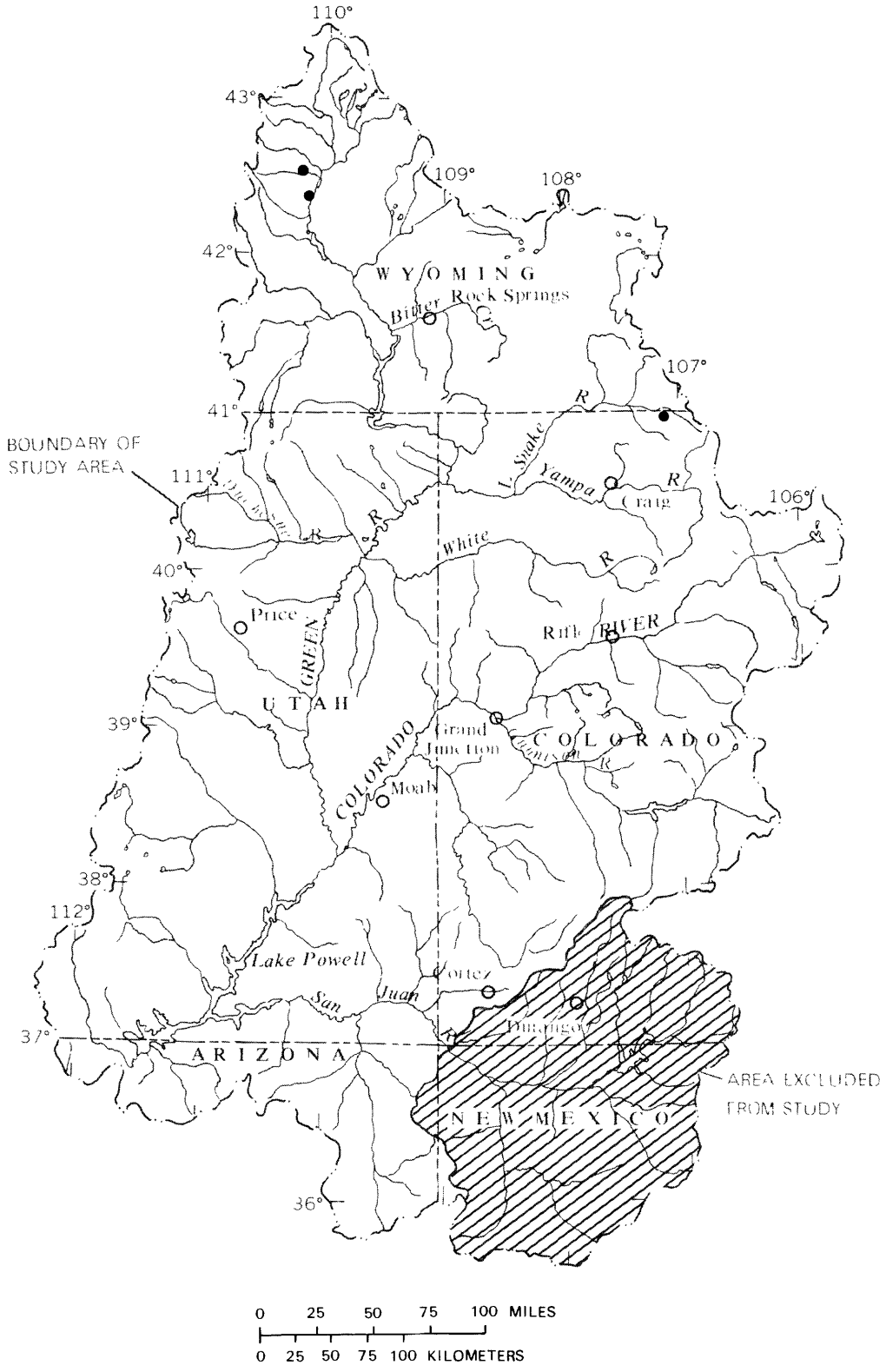

Figure 6.--Location of drill-stem test data for upper Tertiary discontinuous aquifers.

Table 2.--*Drill-stem test data for upper Tertiary discontinuous aquifers*

LOCATION						INTERVAL TESTED(FEET)		SHUT-IN	ALT. OF	PERMEABILITY (MILLIDARCYS	(MILLI-	HYDRAULIC CONDUCTIVITY	TEMPER-	TEST
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	HEAD(FEET)	M.P.	PER CENTIPOISE)	DARCYS)	(FT PER DAY)	ATURE	DATE
12N	87W	28	CO	ROUTT	000IGNS	2880	2960	6463	7097	******	******	*******	99	1971
28N	112W	33	WY	SUBLETTE	120TRTR	3106	3124	7038	6884	25.40	18.50	0.05	94	1970
28N	112W	33	WY	SUBLETTE	120TRTR	3175	3190	7060	6884	37.20	26.60	0.06	96	1970
29N	112W	5	WY	SUBLETTE	120TRTR	3665	3800	7530	7037	******	******	*******	99	1969

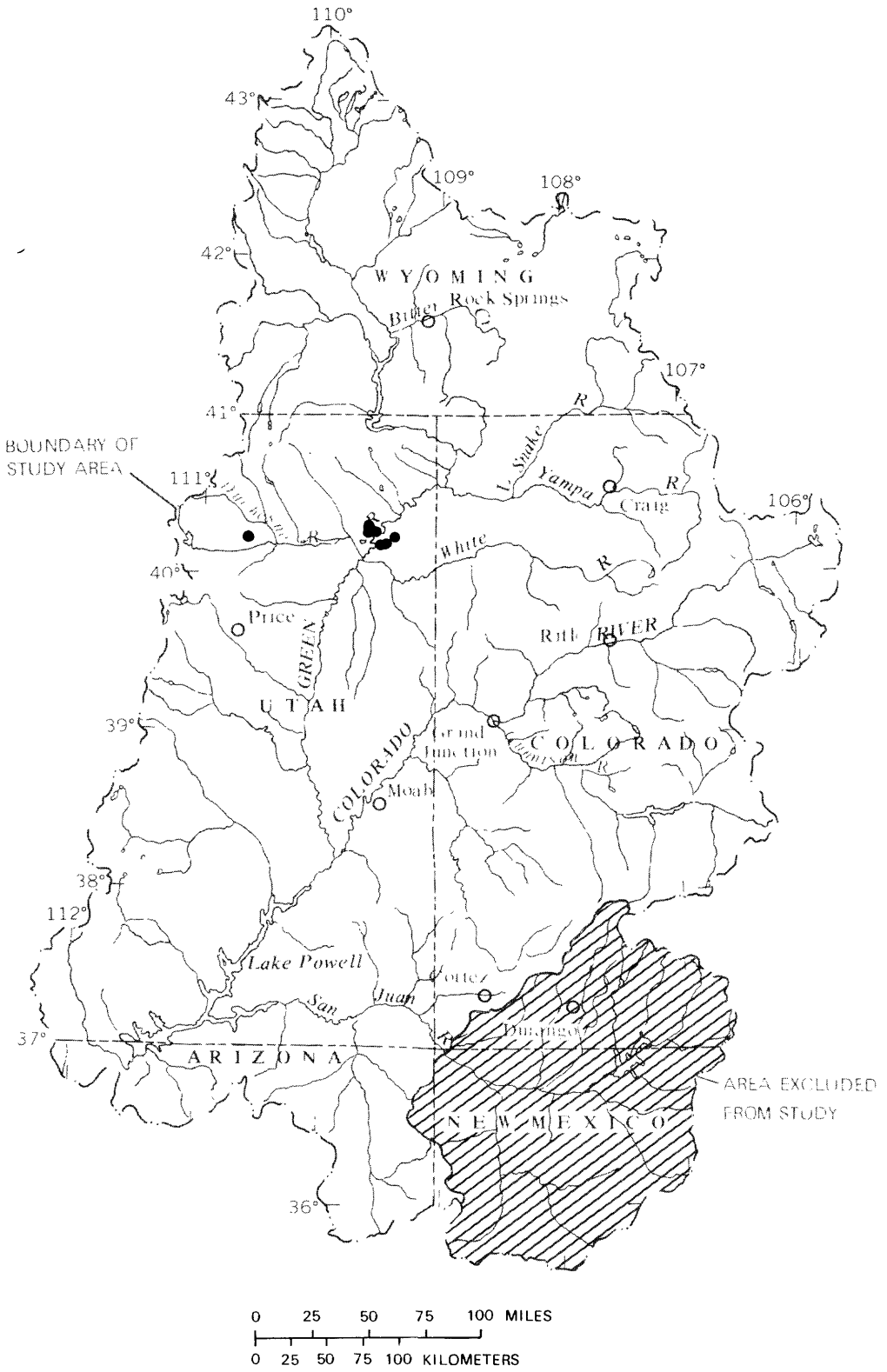

Figure 7.--Location of drill-stem test data for middle Tertiary aquifers, partly drained aquifers, and confining layers.

Table 3.--*Drill-stem test data for middle Tertiary aquifers, partly drained aquifers, and confining layers*

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
3S	6W	18	UT	DUCHESNE	124UINT	1380	1510	5894	6262	******	******	*******	100	1966
6S	21E	18	UT	UINTAH	124UINT	3855	3880	4929	4738	0.43	0.27	0.00	110	1966
6S	21E	19	UT	UINTAH	124UINT	3759	3883	5169	4797	3.80	2.19	0.01	121	1967
6S	21E	29	UT	UINTAH	124UINT	3488	3521	5210	4904	******	******	*******	88	1963
6S	21E	34	UT	UINTAH	124UINT	3594	3614	5233	5060	******	******	*******	120	1964
7S	21E	25	UT	UINTAH	124UINT	2192	2233	5134	5257	******	******	*******	87	1962
7S	22E	12	UT	UINTAH	124UINT	3250	3320	5141	5389	******	******	*******	****	1959
7S	22E	29	UT	UINTAH	124UINT	2506	2550	4990	5393	******	******	*******	****	1958

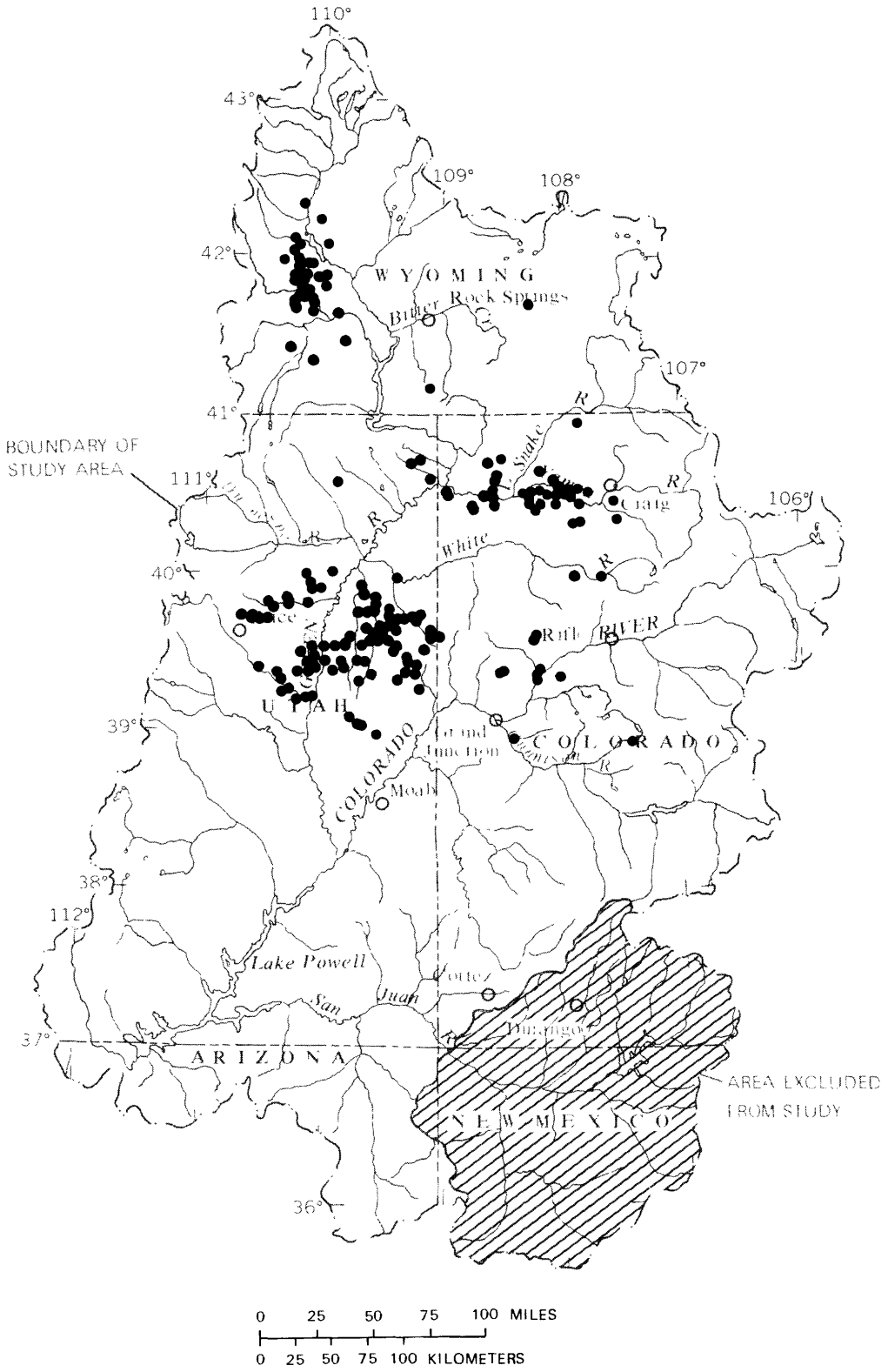

Figure 8.--Location of drill-stem test data for lower Tertiary aquifers and confining layers.

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
1N	1E	6	UT	UINTAH	124WSTC	4957	4976	6018	6522	******	******	*******	****	1956
1N	2W	5	UT	DUCHESNE	124GRRV	8158	8234	6923	7345	******	******	*******	120	1959
1N	2W	5	UT	DUCHESNE	124GRRV	9496	9635	4576	7345	******	******	*******	150	1959
1N	2W	5	UT	DUCHESNE	124GRRV	10041	10186	7649	7345	******	******	*******	150	1959
1N	2W	34	UT	DUCHESNE	124GRRV	7493	7517	5960	5980	0.23	0.09	0.00	160	1964
1N	2W	34	UT	DUCHESNE	124GRRV	8513	8625	6230	5980	******	******	*******	197	1964
1N	2W	34	UT	DUCHESNE	124GRRV	9140	9159	7340	5980	******	******	*******	198	1964
1N	2W	34	UT	DUCHESNE	124GRRV	9220	9253	8664	5980	******	******	*******	198	1964
1N	2W	34	UT	DUCHESNE	124GRRV	9613	9744	6542	5980	******	******	*******	200	1964
1S	1W	8	UT	DUCHESNE	124GRRV	8962	8990	6506	5755	******	******	*******	160	1963
1S	1W	8	UT	DUCHESNE	124GRRV	9029	9127	6599	5755	******	******	*******	210	1963
1S	1W	8	UT	DUCHESNE	124GRRV	9792	10228	9167	5755	******	******	*******	206	1963
1S	1W	8	UT	DUCHESNE	124GRRV	10095	10202	8755	5755	******	******	*******	221	1963
1S	1W	8	UT	DUCHESNE	124GRRV	10334	10453	5948	5755	******	******	*******	220	1963
1S	2W	11	UT	DUCHESNE	124GRRV	9080	9200	6571	5893	******	******	*******	158	1967
1S	2W	11	UT	DUCHESNE	124GRRV	9209	9282	6543	5893	******	******	*******	****	1967
1S	2W	11	UT	DUCHESNE	124GRRV	9391	9466	6477	5893	42.90	17.26	0.04	155	1967
1S	2W	13	UT	DUCHESNE	124GRRV	11664	11798	10390	5672	******	******	*******	188	1971
1S	4W	35	UT	DUCHESNE	124GRRV	8976	9203	6769	6396	******	******	*******	152	1970
1S	4W	35	UT	DUCHESNE	124GRRV	12130	12280	11273	6396	******	******	*******	200	1970
2N	97W	26	CO	RIO BLANCO	124WSTC	2705	2728	5909	5958	******	******	*******	****	1952
2N	97W	34	CO	RIO BLANCO	124WSTC	1066	1096	6074	5699	******	******	*******	****	1952
2S	2W	16	UT	DUCHESNE	124GRRV	9160	9209	5639	5636	******	******	*******	157	1971
2S	4W	3	UT	DUCHESNE	124GRRV	10562	10770	8691	6321	******	******	*******	199	1970
2S	4W	3	UT	DUCHESNE	124GRRV	12680	12779	15898	6321	******	******	*******	252	1970
2S	4W	11	UT	DUCHESNE	124GRRV	10304	10388	7887	6198	******	******	*******	182	1971
2S	4W	11	UT	DUCHESNE	124GRRV	11826	11878	14530	6198	******	******	*******	202	1971
2S	4W	11	UT	DUCHESNE	124GRRV	11970	12055	13392	6198	******	******	*******	207	1971
2S	4W	11	UT	DUCHESNE	124GRRV	12363	12476	14581	6217	******	******	*******	209	1971
2S	4W	14	UT	DUCHESNE	124GRRV	7880	8247	6232	6141	******	******	*******	154	1970
2S	4W	14	UT	DUCHESNE	124GRRV	8227	8572	6295	6141	0.98	0.39	0.00	156	1970

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
2S	4W	14	UT	DUCHESNE	124GRRV	9905	10150	7224	6141	******	******	*******	173	1971
2S	5W	9	UT	DUCHESNE	124GRRV	6406	6496	5654	7077	******	******	*******	****	1953
2S	5W	9	UT	DUCHESNE	124GRRV	9748	9796	5969	7077	******	******	*******	****	1953
2S	5W	26	UT	DUCHESNE	124GRRV	6299	6474	7611	6233	******	******	*******	123	1970
2S	5W	26	UT	DUCHESNE	124GRRV	6928	7081	6410	6233	******	******	*******	134	1970
2S	5W	26	UT	DUCHESNE	124GRRV	9598	9816	7974	6233	******	******	*******	160	1970
2S	5W	26	UT	DUCHESNE	124GRRV	11155	11212	12094	6233	******	******	*******	230	1971
2S	5W	26	UT	DUCHESNE	124GRRV	11155	11212	12251	6233	******	******	*******	197	1971
2S	5W	26	UT	DUCHESNE	124GRRV	11814	11989	16493	6233	******	******	*******	204	1971
2S	5W	26	UT	DUCHESNE	124GRRV	12002	12140	15516	6233	******	******	*******	214	1971
2S	5W	26	UT	DUCHESNE	124GRRV	13251	13442	16293	6233	******	******	*******	248	1971
2S	95W	22	CO	RIO BLANCO	124WSTC	2440	2500	6889	7238	0.42	0.32	0.00	88	1971
2S	95W	22	CO	RIO BLANCO	124WSTC	2978	3025	6062	7238	******	******	*******	87	1971
2S	96W	6	CO	RIO BLANCO	124WSTC	2957	3035	6771	7360	******	******	*******	****	1957
2S	97W	11	CO	RIO BLANCO	125OCRK	7119	7258	1484	6998	******	******	*******	****	1961
2S	97W	36	CO	RIO BLANCO	124WSTC	2806	3010	6728	6360	******	******	*******	130	1968
2S	99W	8	CO	RIO BLANCO	124WSTC	3034	3071	7089	6949	******	******	*******	100	1958
2S	99W	17	CO	RIO BLANCO	124WSTC	3699	3720	6717	7393	******	******	*******	120	1972
3S	5W	16	UT	DUCHESNE	124WSTC	8895	9029	7074	5694	******	******	*******	****	1952
3S	6W	8	UT	DUCHESNE	124GRRV	6050	6170	6084	6405	******	******	*******	118	1968
3S	6W	14	UT	DUCHESNE	124WSTC	8569	8632	5742	5893	******	******	*******	145	1971
3S	6W	18	UT	DUCHESNE	124GRRV	4680	4722	5009	6244	******	******	*******	103	1965
3S	6W	18	UT	DUCHESNE	124GRRV	5295	5315	6076	6244	******	******	*******	106	1965
3S	6W	20	UT	DUCHESNE	124WSTC	9681	9864	3843	6238	******	******	*******	197	1971
3S	7W	9	UT	DUCHESNE	124WSTC	11826	11880	9214	6910	******	******	*******	205	1971
4S	2E	28	UT	UINTAH	124GRRV	3589	3700	5281	5078	2.80	1.78	0.00	110	1964
4S	2E	28	UT	UINTAH	124GRRV	5456	5490	5492	5078	******	******	*******	146	1964
4S	20E	33	UT	UINTAH	124WSTC	6208	6230	4843	5920	******	******	*******	****	1960

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
4S	20E	33	UT	UINTAH	124WSTC	6272	6321	5238	5920	******	******	*******	130	1960
4S	20E	33	UT	UINTAH	124WSTC	6274	6322	5031	5920	******	******	*******	120	1960
4S	22E	12	UT	UINTAH	124GRRV	3575	3620	5420	5153	******	******	*******	****	1954
5S	20E	22	UT	UINTAH	124GRRV	7370	7432	4092	5250	0.93	0.47	0.00	131	1967
5S	21E	29	UT	UINTAH	124GRRV	3643	3714	5100	5406	******	******	*******	102	1961
5S	21E	29	UT	UINTAH	124WSTC	6190	6242	5114	5406	30.70	15.65	0.04	130	1961
6N	92W	10	CO	MOFFAT	124WSTC	2945	3000	6284	6505	******	******	*******	100	1959
6N	94W	10	CO	MOFFAT	124WSTC	3950	4076	6334	6213	0.20	0.11	0.00	122	1963
6S	6W	35	UT	DUCHESNE	124WSTC	2767	2785	7188	7611	******	******	*******	****	1961
6S	6W	35	UT	DUCHESNE	124WSTC	3190	3260	7711	7611	******	******	*******	****	1961
6S	20E	26	UT	UINTAH	124GRRV	7700	7882	744	4984	******	******	*******	****	1952
6S	20E	30	UT	UINTAH	124GRRV	4260	4283	4682	5171	******	******	*******	104	1970
6S	20E	30	UT	UINTAH	124GRRV	7220	7447	5369	5171	******	******	*******	134	1970
6S	21E	9	UT	UINTAH	124WSTC	8245	8301	3783	5022	******	******	*******	****	1952
6S	21E	18	UT	UINTAH	124GRRV	5663	5684	5148	4738	******	******	*******	140	1966
6S	21E	18	UT	UINTAH	124WSTC	7689	7743	3302	4738	0.40	0.13	0.00	186	1966
6S	21E	19	UT	UINTAH	124GRRV	4032	4069	5102	4797	******	******	*******	121	1967
6S	21E	19	UT	UINTAH	124GRRV	7042	7103	5675	4797	******	******	*******	178	1967
6S	21E	19	UT	UINTAH	124GRRV	7412	7433	3946	4797	******	******	*******	180	1967
6S	21E	29	UT	UINTAH	124GRRV	5214	5229	5098	4904	29.00	14.78	0.04	130	1963
6S	21E	29	UT	UINTAH	124GRRV	5590	5608	5187	4904	20.00	11.91	0.03	118	1964
6S	21E	29	UT	UINTAH	124GRRV	6970	6988	5953	4904	******	******	*******	124	1964
6S	21E	29	UT	UINTAH	124GRRV	7018	7034	2042	4904	******	******	*******	126	1964
6S	21E	29	UT	UINTAH	124GRRV	7063	7112	4545	4904	******	******	*******	126	1964
6S	21E	29	UT	UINTAH	124WSTC	7587	7600	5176	4904	******	******	*******	150	1964
6S	21E	29	UT	UINTAH	124WSTC	7800	7808	4317	4904	******	******	*******	142	1964
6S	22E	21	UT	UINTAH	124GRRV	5049	5068	5169	4984	68.20	45.09	0.11	105	1965
6S	22E	21	UT	UINTAH	124GRRV	6596	6609	4836	4984	1.51	0.81	0.00	126	1965

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
6S	22E	32	UT	UINTAH	124GRRV	3623	3636	5066	4984	******	******	*******	102	1963
6S	22E	32	UT	UINTAH	124GRRV	5370	5465	5167	4984	******	******	*******	115	1963
6S	22E	32	UT	UINTAH	124GRRV	5485	5575	5112	4984	******	******	*******	120	1963
6S	22E	32	UT	UINTAH	124GRRV	5735	5756	4856	4984	7.43	4.04	0.01	125	1963
6S	22E	32	UT	UINTAH	124GRRV	5815	5828	4750	4984	12.20	3.26	0.01	223	1963
6S	22E	32	UT	UINTAH	124GRRV	5904	5928	4562	4984	******	******	*******	120	1963
6S	22E	32	UT	UINTAH	124GRRV	5925	5955	4254	4984	******	******	*******	125	1963
6S	22E	32	UT	UINTAH	124GRRV	5936	5950	4288	4984	******	******	*******	122	1963
6S	22E	32	UT	UINTAH	124GRRV	6138	6150	5247	4984	******	******	*******	119	1963
6S	22E	32	UT	UINTAH	124GRRV	6228	6243	5187	4984	0.36	0.20	0.00	125	1963
6S	22E	34	UT	UINTAH	124GRRV	3432	3509	5035	5129	45.10	31.67	0.08	98	1964
6S	22E	34	UT	UINTAH	124GRRV	4975	4983	5146	5129	6.21	3.24	0.01	128	1964
6S	22E	34	UT	UINTAH	124GRRV	5514	5528	4925	5129	******	******	*******	106	1964
6S	22E	34	UT	UINTAH	124GRRV	6100	6109	3872	5129	******	******	*******	127	1964
7S	4W	7	UT	DUCHESNE	124GRRV	2494	2615	6443	7708	2.10	1.45	0.00	100	1959
7S	20E	34	UT	UINTAH	124GRRV	4241	4356	5637	4783	******	******	*******	****	1954
7S	21E	25	UT	UINTAH	124GRRV	6172	6198	4556	5257	113.60	54.72	0.13	135	1962
7S	21E	25	UT	UINTAH	124GRRV	6259	6278	3430	5257	******	******	*******	132	1962
7S	21E	25	UT	UINTAH	124WSTC	7254	7319	5073	5257	******	******	*******	143	1962
7S	21E	34	UT	UINTAH	124GRRV	3970	3977	5628	4785	******	******	*******	120	1964
7S	22E	12	UT	UINTAH	124GRRV	5815	5842	4844	5390	4.60	2.24	0.01	134	1962
7S	22E	29	UT	UINTAH	124GRRV	5872	5976	4884	5393	******	******	*******	130	1959
7S	22E	29	UT	UINTAH	124GRRV	6016	6090	5053	5393	******	******	*******	130	1959
7S	22E	32	UT	UINTAH	124WSTC	5688	5704	3717	5387	******	******	*******	130	1961
7S	23E	1	UT	UINTAH	124GRRV	5066	5082	4838	5461	******	******	*******	124	1962
7S	23E	9	UT	UINTAH	124GRRV	4783	4800	5037	5197	******	******	*******	108	1963
7S	23E	9	UT	UINTAH	124GRRV	5266	5283	3714	5197	******	******	*******	111	1963
7S	23E	9	UT	UINTAH	124GRRV	5360	5370	5148	5197	******	******	*******	115	1963
7S	23E	12	UT	UINTAH	124GRRV	4548	4560	4757	5503	11.70	6.11	0.01	128	1962
7S	23E	12	UT	UINTAH	124GRRV	4558	4569	5122	5655	******	******	*******	110	1961
7S	23E	12	UT	UINTAH	124GRRV	4590	4598	5215	5655	******	******	*******	110	1961

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
7S	23E	12	UT	UINTAH	124GRRV	4669	4691	5822	5655	******	******	*******	120	1961
7S	23E	12	UT	UINTAH	124GRRV	4739	4770	5293	5643	******	******	*******	120	1961
7S	23E	12	UT	UINTAH	124GRRV	4972	5005	4804	5643	5.10	2.99	0.01	120	1961
7S	23E	12	UT	UINTAH	124GRRV	5089	5115	4822	5503	******	******	*******	120	1962
7S	23E	12	UT	UINTAH	124GRRV	5116	5137	4997	5643	******	******	*******	120	1961
7S	23E	12	UT	UINTAH	124WSTC	7636	7682	5463	5643	******	******	*******	150	1961
7S	24E	4	UT	UINTAH	124GRRV	5310	5361	4909	5653	14.10	8.27	0.02	120	1961
7S	24E	4	UT	UINTAH	124GRRV	5366	5390	5057	5653	******	******	*******	120	1961
7S	24E	4	UT	UINTAH	124GRRV	5406	5457	4777	5653	******	******	*******	120	1961
7S	24E	6	UT	UINTAH	124GRRV	3478	3510	5004	5258	3.50	2.42	0.01	100	1962
7S	24E	6	UT	UINTAH	124GRRV	3561	3594	5129	5258	******	******	*******	80	1962
7S	24E	6	UT	UINTAH	124GRRV	4312	4332	4992	5258	******	******	*******	128	1962
7S	24E	6	UT	UINTAH	124GRRV	4858	4871	4905	5253	32.70	14.42	0.04	144	1962
7S	24E	6	UT	UINTAH	124GRRV	4906	4918	4528	5253	1.08	0.62	0.00	121	1962
7S	24E	6	UT	UINTAH	124GRRV	5175	5185	5422	5253	******	******	*******	128	1962
7S	24E	6	UT	UINTAH	124GRRV	5234	5257	5076	5253	******	******	*******	130	1962
7S	24E	7	UT	UINTAH	124WSTC	5471	5501	5220	5650	******	******	*******	120	1961
7S	24E	8	UT	UINTAH	124GRRV	3045	3104	4929	5704	******	******	*******	****	1952
7S	24E	8	UT	UINTAH	124GRRV	4400	4423	4984	5704	******	******	*******	****	1952
7S	24E	8	UT	UINTAH	124GRRV	4429	4465	5002	5667	15.80	10.90	0.03	100	1961
7S	24E	8	UT	UINTAH	124GRRV	4510	4568	6133	5704	******	******	*******	****	1952
7S	24E	21	UT	UINTAH	124GRRV	3993	4022	5087	5673	******	******	*******	115	1965
7S	24E	21	UT	UINTAH	124GRRV	4096	4125	5385	5673	4.60	2.72	0.01	119	1965
7S	24E	21	UT	UINTAH	124GRRV	5193	5222	5176	5675	******	******	*******	130	1965
7S	24E	21	UT	UINTAH	124GRRV	5214	5244	4921	5675	******	******	*******	130	1965
7S	24E	21	UT	UINTAH	124GRRV	5246	5275	4734	5675	0.90	0.45	0.00	132	1965
7S	90W	17	CO	GARFIELD	124WSTC	2689	2712	7608	8012	******	******	*******	100	1959
7S	99W	10	CO	GARFIELD	124WSTC	691	710	5995	6120	******	******	*******	****	1958
8S	20E	36	UT	UINTAH	124PCCK	3385	3395	5416	4712	27.10	17.19	0.04	110	1966
8S	20E	36	UT	UINTAH	124DGCK	4811	4827	4626	4712	1.48	0.69	0.00	138	1966
8S	21E	1	UT	UINTAH	124GRRV	5509	5629	5287	5149	******	******	*******	****	1957

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
8S	21E	1	UT	UINTAH	124GRRV	5879	5940	9003	5149	******	******	*******	****	1957
8S	21E	17	UT	UINTAH	124GRRV	3803	3831	5054	4737	5.00	2.65	0.01	127	1964
8S	21E	28	UT	UINTAH	124WSTC	6396	6419	5111	4791	******	******	*******	****	1960
8S	22E	2	UT	UINTAH	124WSTC	7441	7489	4533	5223	******	******	*******	150	1960
8S	22E	6	UT	UINTAH	124GRRV	5850	5871	3920	5177	******	******	*******	154	1964
8S	22E	32	UT	UINTAH	124WSTC	6096	6120	5807	4738	******	******	*******	****	1960
8S	22E	32	UT	UINTAH	124WSTC	6225	6249	2614	4738	******	******	*******	130	1960
8S	22E	32	UT	UINTAH	124WSTC	6443	6466	4502	4738	******	******	*******	****	1960
8S	25E	4	UT	UINTAH	124GRRV	2725	2765	5135	5527	60.00	45.36	0.11	90	1964
8S	25E	4	UT	UINTAH	124WSTC	4692	4754	5704	5527	******	******	*******	****	1964
8S	25E	21	UT	UINTAH	124GRRV	1522	1552	5594	5365	******	******	*******	92	1966
8S	25E	21	UT	UINTAH	124WSTC	3505	3600	5466	5365	4.40	2.24	0.01	130	1966
8S	25E	24	UT	UINTAH	124WSTC	3740	3922	5495	5610	7.50	3.25	0.01	146	1965
9S	15E	24	UT	DUCHESNE	124GRRV	4716	4730	5407	6268	******	******	*******	123	1962
9S	16E	13	UT	DUCHESNE	124GRRV	3802	3868	5149	5542	******	******	*******	126	1964
9S	16E	13	UT	DUCHESNE	124GRRV	4740	4768	5056	5540	******	******	*******	140	1964
9S	17E	10	UT	DUCHESNE	124GRRV	2759	2799	5423	5178	******	******	*******	104	1965
9S	17E	10	UT	DUCHESNE	124GRRV	4544	4619	4878	5178	******	******	*******	****	1965
9S	17E	10	UT	DUCHESNE	124GRRV	4940	4966	4586	5178	0.60	0.24	0.00	158	1965
9S	17E	10	UT	DUCHESNE	124GRRV	4940	5117	4708	5178	******	******	*******	158	1965
9S	17E	31	UT	DUCHESNE	124GRRV	4389	4394	5151	5754	******	******	*******	108	1965
9S	17E	31	UT	DUCHESNE	124GRRV	4551	4600	5247	5754	******	******	*******	112	1965
9S	18E	9	UT	UINTAH	124DGCK	2911	2937	5392	4990	******	******	*******	94	1964
9S	18E	9	UT	UINTAH	124DGCK	4861	4875	3307	4990	******	******	*******	134	1964
9S	19E	5	UT	UINTAH	124GRRV	4111	4138	5642	4726	******	******	*******	140	1964
9S	19E	5	UT	UINTAH	124GRRV	4117	4124	5340	4726	******	******	*******	134	1964
9S	19E	5	UT	UINTAH	124GRRV	4610	4622	5443	4724	******	******	*******	128	1964
9S	19E	5	UT	UINTAH	124GRRV	4852	4858	3382	4724	******	******	*******	130	1964
9S	19E	7	UT	UINTAH	124GRRV	4885	4935	4119	4825	******	******	*******	130	1962
9S	20E	8	UT	UINTAH	124GRRV	2800	2857	5461	4793	******	******	*******	95	1965

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLIDARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
9S	20E	8	UT	UINTAH	124GDGC	3870	4020	5596	4793	******	******	*******	112	1965
9S	22E	10	UT	UINTAH	124WSTC	5639	5739	5842	4768	******	******	*******	142	1959
9S	22E	12	UT	UINTAH	124WSTC	6207	6304	5228	4838	******	******	*******	147	1960
9S	22E	22	UT	UINTAH	124WSTC	5588	5623	6083	4945	******	******	*******	****	1959
9S	22E	22	UT	UINTAH	124WSTC	5718	5750	5444	4945	******	******	*******	****	1959
9S	22E	24	UT	UINTAH	124WSTC	5452	5486	5666	5039	******	******	*******	****	1959
9S	22E	24	UT	UINTAH	124WSTC	5594	5616	6236	5039	******	******	*******	****	1959
9S	24E	24	UT	UINTAH	124WSTC	3705	3785	5173	5469	******	******	*******	****	1959
10N	91W	11	CO	MOFFAT	124WSTC	1918	1963	6844	6685	******	******	*******	****	1954
10N	93W	18	CO	MOFFAT	124WSTC	4388	4456	6527	6890	50.80	35.06	0.09	100	1959
10N	94W	22	CO	MOFFAT	124WSTC	4416	4438	6592	6733	397.70	262.95	0.64	105	1967
10S	16E	11	UT	DUCHESNE	124GRRV	4289	4321	5129	6260	******	******	*******	145	1964
10S	16E	11	UT	DUCHESNE	124GRRV	4386	4406	5442	6260	******	******	*******	145	1964
10S	16E	11	UT	DUCHESNE	124GRRV	4493	4518	5312	6260	******	******	*******	148	1964
10S	16E	11	UT	DUCHESNE	124GRRV	4519	4556	5661	6260	******	******	*******	144	1964
10S	16E	16	UT	DUCHESNE	124GRRV	3616	3646	5263	6476	2.85	1.53	0.00	126	1963
10S	16E	16	UT	DUCHESNE	124GRRV	4283	4320	5368	6476	******	******	*******	139	1963
10S	17E	8	UT	DUCHESNE	124GRRV	3618	3685	4991	5798	******	******	*******	118	1962
10S	17E	11	UT	UINTAH	124GRRV	2074	2180	6105	5571	******	******	*******	100	1964
10S	17E	11	UT	UINTAH	124GRRV	2372	2430	5338	5571	******	******	*******	96	1964
10S	17E	11	UT	UINTAH	124GRRV	3393	3438	5057	5571	21.40	13.05	0.03	115	1964
10S	17E	11	UT	UINTAH	124GRRV	4038	4080	5145	5571	******	******	*******	128	1964
10S	17E	11	UT	UINTAH	124GRRV	4192	4203	5276	5571	******	******	*******	130	1964
10S	17E	30	UT	DUCHESNE	124GRRV	3777	3789	5128	6301	******	******	*******	138	1967
10S	17E	30	UT	DUCHESNE	124GRRV	4074	4116	5451	6301	******	******	*******	140	1967
10S	18E	13	UT	UINTAH	124GRRV	4045	4080	5376	4845	1.42	0.86	0.00	116	1961
10S	18E	13	UT	UINTAH	124WSTC	5402	5444	5299	4845	******	******	*******	120	1961
10S	18E	13	UT	UINTAH	124WSTC	5458	5518	5476	4845	******	******	*******	130	1961
10S	18E	13	UT	UINTAH	124WSTC	6576	6603	4710	4845	******	******	*******	140	1961
10S	18E	13	UT	UINTAH	124WSTC	6578	6603	4710	4845	******	******	*******	144	1961
10S	18E	14	UT	UINTAH	124GRRV	1901	1949	4838	5151	******	******	*******	100	1961

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
10S	18E	14	UT	UINTAH	124GRRV	2162	2282	5371	5151	******	******	*******	100	1961
10S	18E	14	UT	UINTAH	124GRRV	3681	3746	5131	5151	8.09	5.58	0.01	100	1961
10S	18E	14	UT	UINTAH	124GRRV	3877	3915	5227	5151	******	******	*******	110	1961
10S	18E	14	UT	UINTAH	124GRRV	4231	4310	5518	5151	******	******	*******	110	1961
10S	18E	14	UT	UINTAH	124WSTC	5589	5719	3911	5151	******	******	*******	130	1961
10S	18E	23	UT	UINTAH	124GRRV	1823	1843	5130	5235	7.52	5.19	0.01	100	1961
10S	18E	23	UT	UINTAH	124GRRV	2308	2322	5460	5239	0.26	0.18	0.00	100	1961
10S	18E	32	UT	UINTAH	124GRRV	1715	1890	5046	5346	******	******	*******	100	1960
10S	18E	32	UT	UINTAH	124GRRV	3511	3536	4762	5346	******	******	*******	100	1960
10S	19E	31	UT	UINTAH	124GRRV	4008	4024	5748	5376	******	******	*******	110	1961
10S	19E	31	UT	UINTAH	124WSTC	4960	5040	5511	5376	******	******	*******	120	1961
10S	19E	31	UT	UINTAH	124WSTC	5385	5490	5678	5376	******	******	*******	120	1961
10S	20E	7	UT	UINTAH	124GRRV	2024	2065	4344	4941	******	******	*******	100	1960
10S	20E	7	UT	UINTAH	124GRRV	2070	2096	5101	4941	******	******	*******	100	1960
10S	20E	7	UT	UINTAH	124GRRV	3102	3142	5442	4941	15.30	10.56	0.03	100	1960
10S	20E	7	UT	UINTAH	124WSTC	6081	6152	3996	4941	******	******	*******	130	1960
10S	20E	8	UT	UINTAH	124GRRV	3310	3337	5504	4973	179.00	93.52	0.23	128	1962
10S	20E	8	UT	UINTAH	124GRRV	3488	3514	5492	4973	6.00	2.99	0.01	132	1962
10S	20E	8	UT	UINTAH	124GRRV	3568	3630	5549	4973	******	******	*******	132	1962
10S	20E	8	UT	UINTAH	124GRRV	3774	3900	5420	4973	******	******	*******	110	1962
10S	20E	8	UT	UINTAH	124WSTC	5758	5798	3877	4973	******	******	*******	130	1962
10S	23E	2	UT	UINTAH	124WSTC	4371	4445	5474	5452	******	******	*******	126	1961
10S	23E	11	UT	UINTAH	124GRRV	2200	2300	7158	5492	******	******	*******	****	1955
10S	23E	11	UT	UINTAH	124WSTC	4648	4712	5375	5492	******	******	*******	****	1955
10S	23E	15	UT	UINTAH	124WSTC	4430	4448	4476	5613	******	******	*******	****	1956
10S	24E	29	UT	UINTAH	124WSTC	4092	4132	6123	5269	******	******	*******	****	1958
10S	24E	30	UT	UINTAH	124WSTC	3592	3616	5997	5413	******	******	*******	****	1960
11N	93W	6	CO	MOFFAT	124WSTC	1990	2118	6427	6405	1.70	1.60	0.00	70	1961
11N	93W	6	CO	MOFFAT	124WSTC	2774	2884	6567	6405	******	******	*******	100	1961
11N	93W	6	CO	MOFFAT	124WSTC	3599	3604	6653	6405	60.50	41.75	0.10	100	1961
11N	95W	4	CO	MOFFAT	124WSTC	3020	3027	7527	6294	54.10	37.33	0.09	100	1959

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
11N	96W	5	CO	MOFFAT	124WSTC	4165	4206	6565	6500	******	******	*******	135	1961
11N	97W	2	CO	MOFFAT	124WSTC	3092	3169	6107	6672	******	******	*******	90	1967
11N	97W	3	CO	MOFFAT	124WSTC	2732	2764	6062	6627	28.80	19.87	0.05	100	1954
11N	97W	3	CO	MOFFAT	124WSTC	2962	2992	6145	6627	14.50	10.01	0.02	100	1954
11N	97W	3	CO	MOFFAT	124WSTC	4408	4452	6474	6627	77.10	53.20	0.13	100	1954
11N	97W	9	CO	MOFFAT	124WSTC	3881	3910	6410	6697	******	******	*******	100	1952
11N	97W	24	CO	MOFFAT	124WSTC	5215	5285	6678	6812	91.30	47.11	0.11	129	1959
11N	100W	1	CO	MOFFAT	124WSTC	2816	2839	6650	6844	2.50	1.73	0.00	100	1954
11N	101W	4	CO	MOFFAT	124WSTC	2907	2967	6721	6931	3.20	2.21	0.01	100	1954
11N	101W	4	CO	MOFFAT	124WSTC	3003	3038	7039	7012	******	******	*******	100	1953
11N	101W	4	CO	MOFFAT	124WSTC	3148	3224	6998	7012	******	******	*******	100	1953
11N	101W	4	CO	MOFFAT	124WSTC	3680	3700	6404	7012	31.40	21.67	0.05	100	1953
11N	101W	9	CO	MOFFAT	124WSTC	2939	2961	6966	7043	******	******	*******	100	1953
11N	101W	9	CO	MOFFAT	124WSTC	3073	3103	7118	7043	3.10	2.14	0.01	100	1953
11S	14E	22	UT	DUCHESNE	124WSTC	7048	7069	5890	7243	******	******	*******	****	1961
11S	15E	2	UT	DUCHESNE	124GRRV	4148	4163	5858	7142	******	******	*******	120	1967
11S	15E	2	UT	DUCHESNE	124GRRV	4148	4155	5828	7142	******	******	*******	112	1967
11S	16E	3	UT	DUCHESNE	124GRRV	4119	4170	5367	6930	3.20	2.08	0.01	107	1967
11S	16E	3	UT	DUCHESNE	124GRRV	4186	4207	5329	6930	69.60	43.45	0.11	112	1967
11S	17E	27	UT	DUCHESNE	124WSTC	3698	3720	6165	5618	******	******	*******	100	1960
11S	20E	29	UT	UINTAH	124WSTC	4528	4610	6978	5564	******	******	*******	****	1961
11S	21E	7	UT	UINTAH	124WSTC	4627	4655	5829	5345	0.23	0.13	0.00	120	1961
11S	21E	7	UT	UINTAH	124WSTC	4715	4736	5698	5486	******	******	*******	****	1961
11S	21E	7	UT	UINTAH	124WSTC	5009	5034	5930	5486	******	******	*******	120	1961
11S	21E	7	UT	UINTAH	124WSTC	5918	5998	5332	5486	******	******	*******	****	1961
11S	21E	7	UT	UINTAH	124WSTC	6324	6369	5468	5345	******	******	*******	140	1961
11S	23E	10	UT	UINTAH	124WSTC	4420	4436	6308	5849	******	******	*******	****	1960
11S	23E	10	UT	UINTAH	124WSTC	4807	4832	6555	5849	******	******	*******	****	1960
11S	23E	10	UT	UINTAH	124WSTC	4996	5013	6401	5849	******	******	*******	****	1960
11S	23E	30	UT	UINTAH	124WSTC	3490	3520	5672	5892	******	******	*******	****	1961
11S	23E	30	UT	UINTAH	124WSTC	4239	4255	6217	5892	******	******	*******	****	1961

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED (FEET) TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
11S	24E	8	UT	UINTAH	124GRRV	2180	2530	6474	5258	******	******	*******	100	1961
12N	91W	27	CO	MOFFAT	124WSTC	1618	1648	6653	6608	******	******	*******	68	1960
12N	93W	6	WY	CARBON	124WSTC	907	920	6176	6316	******	******	*******	65	1961
12N	93W	6	WY	CARBON	124WSTC	1645	1691	6390	6316	******	******	*******	71	1961
12N	93W	6	WY	CARBON	124WSTC	1984	1999	6605	6316	3.90	3.50	0.01	74	1961
12N	93W	6	WY	CARBON	124WSTC	2332	2349	6499	6316	23.90	19.58	0.05	82	1961
12N	93W	6	WY	CARBON	124WSTC	2368	2388	6672	6316	******	******	*******	84	1961
12N	93W	13	WY	CARBON	124WSTC	1097	1188	6590	6163	******	******	*******	100	1968
12N	94W	3	WY	SWEETWATER	124WSTC	2139	2199	6283	6412	******	******	*******	78	1961
12N	94W	3	WY	SWEETWATER	124WSTC	2581	2631	6247	6412	125.10	86.33	0.21	100	1961
12N	94W	3	WY	SWEETWATER	124WSTC	3495	3517	6509	6412	******	******	*******	87	1961
12N	94W	10	WY	CARBON	124WSTC	2483	2512	6494	6443	******	******	*******	69	1961
12N	94W	11	WY	SWEETWATER	124WSTC	2305	2440	6584	6542	******	******	*******	100	1958
12N	94W	11	WY	SWEETWATER	124WSTC	3760	3800	6878	6542	******	******	*******	100	1958
12N	94W	18	WY	SWEETWATER	124WSTC	2407	2463	6518	6403	******	******	*******	100	1959
12N	94W	18	WY	SWEETWATER	124WSTC	2626	2658	6413	6289	******	******	*******	82	1959
12N	94W	20	CO	MOFFAT	124WSTC	1826	1870	6348	6031	******	******	*******	****	1959
12N	95W	14	CO	MOFFAT	124WSTC	1620	1677	6208	6429	******	******	*******	100	1958
12N	95W	14	CO	MOFFAT	124WSTC	1620	1677	6208	6429	******	******	*******	100	1958
12N	95W	14	CO	MOFFAT	124WSTC	2820	2836	7002	6429	******	******	*******	100	1958
12N	95W	14	CO	MOFFAT	124WSTC	3310	3330	6699	6429	******	******	*******	100	1958
12N	95W	14	CO	MOFFAT	124WSTC	3380	3393	6493	6429	******	******	*******	100	1958
12N	95W	14	CO	MOFFAT	124WSTC	3534	3544	6342	6429	******	******	*******	100	1958
12N	95W	14	CO	MOFFAT	124WSTC	3993	4002	6340	6429	******	******	*******	110	1958
12N	95W	21	WY	SWEETWATER	124WSTC	3140	3177	6649	6523	30.00	21.07	0.05	98	1962
12N	95W	21	WY	SWEETWATER	124WSTC	5011	5060	6727	6523	******	******	*******	128	1962
12N	96W	3	WY	SWEETWATER	124WSTC	3479	3595	6298	7227	******	******	*******	110	1966
12N	96W	3	WY	SWEETWATER	124WSTC	4944	4998	6673	7227	56.00	28.54	0.07	130	1966
12N	96W	4	WY	SWEETWATER	124WSTC	3063	3179	5915	7234	******	******	*******	96	1959
12N	96W	4	WY	SWEETWATER	124WSTC	3420	3576	6557	7234	******	******	*******	106	1959
12N	96W	6	WY	SWEETWATER	124GRRV	1514	1541	7350	7086	******	******	*******	90	1967

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
12N	96W	14	CO	MOFFAT	124WSTC	2225	2276	6303	6554	******	******	*******	****	1966
12N	96W	14	CO	MOFFAT	124WSTC	3359	3437	6505	6554	223.10	118.08	0.29	127	1966
12N	96W	24	WY	SWEETWATER	124WSTC	5652	5664	6855	6624	0.01	0.00	0.00	136	1958
12N	97W	3	WY	SWEETWATER	124GRRV	2928	2952	6392	7027	6.90	2.56	0.01	166	1953
12N	97W	3	WY	SWEETWATER	124GRRV	2965	3017	6264	7027	******	******	*******	100	1953
12N	97W	3	WY	SWEETWATER	124WSTC	3222	3252	6300	7027	******	******	*******	100	1953
12N	97W	3	WY	SWEETWATER	124WSTC	5750	5810	6372	7027	102.00	42.71	0.10	150	1953
12N	97W	8	WY	SWEETWATER	124WSTC	4163	4231	6429	6914	36.60	23.22	0.06	110	1963
12N	97W	8	WY	SWEETWATER	124WSTC	4754	4870	6536	6914	149.80	95.04	0.23	110	1963
12N	97W	8	WY	SWEETWATER	124WSTC	5998	6056	6656	6914	******	******	*******	138	1963
12N	97W	20	CO	MOFFAT	124EOCN	3434	3452	6410	6542	******	******	*******	****	1955
12N	97W	20	CO	MOFFAT	124EOCN	4353	4377	6130	6542	******	******	*******	****	1955
12N	97W	21	CO	MOFFAT	124WSTC	4475	4518	6464	6500	******	******	*******	110	1963
12N	97W	23	WY	SWEETWATER	124WSTC	4821	4872	6695	6678	******	******	*******	126	1969
12N	97W	28	CO	MOFFAT	124WSTC	3090	3123	6276	6537	29.80	20.56	0.05	100	1954
12N	97W	28	CO	MOFFAT	124WSTC	3619	3652	6383	6620	19.70	8.25	0.02	150	1953
12N	97W	28	CO	MOFFAT	124WSTC	3770	3808	6539	6537	******	******	*******	100	1954
12N	97W	28	CO	MOFFAT	124WSTC	4101	4123	6556	6537	28.90	19.94	0.05	100	1954
12N	97W	28	CO	MOFFAT	124WSTC	4330	4384	6140	6537	163.00	112.48	0.27	100	1954
12N	97W	28	CO	MOFFAT	124WSTC	4500	4534	5598	6537	******	******	*******	100	1954
12N	97W	32	CO	MOFFAT	124WSTC	2166	2196	5702	6674	******	******	*******	100	1953
12N	97W	32	CO	MOFFAT	124WSTC	2200	2300	5997	6674	******	******	*******	100	1953
12N	97W	32	CO	MOFFAT	124WSTC	3100	3128	6350	6674	172.80	119.24	0.29	100	1953
12N	97W	32	CO	MOFFAT	124WSTC	3204	3256	6409	6674	56.70	39.13	0.10	100	1953
12N	97W	32	CO	MOFFAT	124WSTC	3570	3655	6468	6674	228.90	157.96	0.38	100	1953
12N	97W	32	CO	MOFFAT	124WSTC	3757	3816	6493	6674	208.60	143.95	0.35	100	1953
12N	97W	32	CO	MOFFAT	124WSTC	4052	4095	6505	6674	169.40	70.94	0.17	150	1953
12N	97W	32	CO	MOFFAT	124WSTC	4253	4280	6232	6674	104.60	43.80	0.11	150	1953
12N	97W	32	CO	MOFFAT	124WSTC	4289	4325	6315	6674	31.60	13.23	0.03	150	1953
12N	97W	32	CO	MOFFAT	124WSTC	4435	4480	6150	6674	******	******	*******	150	1953
12N	97W	32	CO	MOFFAT	124WSTC	4570	4606	6642	6674	295.60	123.79	0.30	150	1953
12N	97W	32	CO	MOFFAT	124WSTC	4630	4652	6559	6674	151.30	35.51	0.09	250	1953
12N	97W	32	CO	MOFFAT	124WSTC	4654	4678	5668	6674	21.50	14.84	0.04	100	1953

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
12N	97W	33	CO	MOFFAT	124WSTC	4636	4667	6785	6638	******	******	*******	150	1952
12N	97W	34	CO	MOFFAT	124WSTC	3184	3231	6346	6580	******	******	*******	100	1953
12N	97W	34	CO	MOFFAT	124WSTC	3792	3825	6520	6580	28.80	19.87	0.05	100	1953
12N	97W	34	CO	MOFFAT	124WSTC	3832	3850	6494	6580	******	******	*******	****	1953
12N	97W	34	CO	MOFFAT	124WSTC	4580	4640	6627	6580	40.10	27.67	0.07	100	1953
12N	97W	34	CO	MOFFAT	124WSTC	4580	4593	6451	6580	335.60	231.59	0.56	100	1953
12N	99W	6	WY	SWEETWATER	124WSTC	1402	1436	6852	7196	******	******	*******	91	1959
12N	99W	19	CO	MOFFAT	124WSTC	2528	2590	6557	6977	******	******	*******	****	1966
12N	100W	21	WY	SWEETWATER	124WSTC	1175	1230	6739	6665	19.30	13.32	0.03	100	1956
12N	100W	25	CO	MOFFAT	124WSTC	2521	2564	6524	6943	96.50	72.96	0.18	90	1958
12N	103W	10	WY	SWEETWATER	124WSTC	3920	3972	7150	9308	******	******	*******	100	1952
12N	103W	11	WY	SWEETWATER	124WSTC	4887	4975	7270	9208	******	******	*******	120	1954
12N	103W	11	WY	SWEETWATER	124WSTC	5660	5680	6731	9323	******	******	*******	100	1953
12N	103W	11	WY	SWEETWATER	124WSTC	5680	5700	5890	9323	******	******	*******	100	1953
12S	14E	14	UT	CARBON	124WSTC	3600	3723	6577	7753	******	******	*******	****	1959
12S	14E	14	UT	CARBON	124WSTC	4010	4047	6719	7753	******	******	*******	****	1959
12S	15E	18	UT	CARBON	124GRRV	3123	3128	6591	7475	******	******	*******	100	1961
12S	16E	31	UT	CARBON	124WSTC	2297	2317	5555	6141	******	******	*******	****	1956
12S	16E	36	UT	CARBON	124WSTC	2847	2900	5343	6728	******	******	*******	****	1953
12S	24E	15	UT	UINTAH	124WSTC	1947	1961	6250	6291	******	******	*******	****	1951
13N	95W	16	WY	SWEETWATER	124WSTC	6075	6195	6412	6683	3.20	1.63	0.00	130	1961
13N	95W	35	WY	SWEETWATER	124GRRV	1202	1247	6244	6870	******	******	*******	100	1959
13N	95W	35	WY	SWEETWATER	124WSTC	4459	4493	6272	6870	14.73	10.16	0.02	100	1959
13N	99W	18	WY	SWEETWATER	124WSTC	2013	2067	6911	7280	******	******	*******	****	1956
13N	99W	18	WY	SWEETWATER	124WSTC	2674	2701	7005	7301	******	******	*******	110	1959

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
13N	104W	15	WY	SWEETWATER	124WSTC	2933	2990	7089	7183	******	******	*******	100	1969
13N	111W	26	WY	SWEETWATER	124WSTC	4014	4055	5864	6964	46.30	29.37	0.07	110	1951
13S	15E	11	UT	CARBON	124WSTC	4152	4196	5594	7295	******	******	******	****	1961
14N	96W	28	WY	SWEETWATER	124TPTG	4496	4554	6468	6640	291.60	201.23	0.49	100	1953
14N	100W	2	WY	SWEETWATER	124WSTC	6190	6296	7784	7316	******	******	*******	130	1958
14N	105W	2	WY	SWEETWATER	124WSTC	6190	6296	7571	7282	******	******	*******	130	1958
14N	105W	8	WY	SWEETWATER	124WSTC	1082	1095	6917	7452	******	******	*******	110	1959
14S	19E	15	UT	UINTAH	124WSTC	4054	4104	6004	7060	******	******	*******	110	1962
14S	19E	15	UT	UINTAH	124GRRV	5344	5394	5834	7060	0.67	0.39	0.00	120	1962
14S	20E	30	UT	UINTAH	124WSTC	3791	3824	6022	7480	******	******	*******	99	1962
14S	20E	30	UT	UINTAH	124WSTC	4200	4232	6795	7480	******	******	*******	100	1962
14S	20E	32	UT	UINTAH	124WSTC	4400	4430	6076	7502	******	******	*******	****	1955
14S	20E	33	UT	UINTAH	124GRRV	3485	3554	5923	7498	******	******	*******	94	1963
15N	99W	35	WY	SWEETWATER	124GRRV	2461	2526	7478	7042	******	******	*******	100	1953
15N	99W	35	WY	SWEETWATER	124TPTG	5648	5822	7244	7042	******	******	*******	150	1953
15S	21E	22	UT	UINTAH	124WSTC	3134	3145	6211	7415	******	******	*******	****	1963
15S	21E	22	UT	UINTAH	124WSTC	3466	3480	6187	7415	3.24	2.24	0.01	100	1963
17N	93W	17	WY	CARBON	124WSTC	2570	2586	6867	6619	26.90	18.56	0.05	100	1965
20N	104W	26	WY	SWEETWATER	124WSTC	3420	3446	6103	6467	******	******	*******	100	1956
22N	112W	34	WY	LINCOLN	124WSTC	1298	1600	7185	6777	******	******	*******	****	1957
22N	112W	34	WY	LINCOLN	124WSTC	1318	1610	6701	6777	******	******	*******	****	1957
23N	110W	13	WY	SWEETWATER	124WSTC	2130	2420	6784	6409	30.40	20.98	0.05	100	1958
23N	110W	13	WY	SWEETWATER	124WSTC	2470	2810	6766	6409	******	******	*******	100	1958
23N	110W	13	WY	SWEETWATER	124WSTC	2820	3140	6766	6409	8.00	5.52	0.01	100	1958
23N	114W	35	WY	LINCOLN	124WSTC	3829	4027	6938	6882	******	******	*******	126	1956
25N	110W	15	WY	SWEETWATER	124WSTC	4902	4930	7704	6853	******	******	*******	110	1958
25N	110W	15	WY	SWEETWATER	124WSTC	5090	5200	7191	6853	******	******	*******	123	1958

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
25N	112W	14	WY	LINCOLN	124WSTC	2791	2839	6865	6872	78.20	53.96	0.13	100	1959
25N	113W	4	WY	LINCOLN	124WSTC	1319	1339	6783	7060	******	******	*******	86	1959
26N	96W	21	WY	SWEETWATER	124WSTC	2097	2112	6694	7117	772.90	647.04	1.57	80	1968
26N	96W	21	WY	SWEETWATER	124WSTC	2526	2535	6701	7117	******	******	*******	80	1968
26N	111W	19	WY	LINCOLN	124WSTC	3400	3445	6981	6966	******	******	*******	97	1969
26N	112W	5	WY	LINCOLN	124WSTC	2761	2858	7028	6574	******	******	*******	92	1960
26N	112W	7	WY	LINCOLN	124WSTC	2406	2464	6930	6604	******	******	*******	83	1958
26N	112W	9	WY	LINCOLN	124WSTC	2884	2852	6939	6827	******	******	*******	88	1969
26N	112W	9	WY	LINCOLN	124WSTC	3030	3093	6956	6728	******	******	*******	95	1963
26N	112W	15	WY	LINCOLN	124WSTC	3180	3223	7572	6849	51.10	35.26	0.09	100	1955
26N	112W	23	WY	LINCOLN	124WSTC	2920	3000	6974	6790	416.30	300.38	0.73	95	1969
26N	112W	26	WY	LINCOLN	124WSTC	2641	2833	6863	6819	******	******	*******	96	1957
26N	112W	26	WY	LINCOLN	124WSTC	3366	3397	6967	6814	17.00	11.83	0.03	99	1972
26N	112W	26	WY	LINCOLN	124WSTC	7996	8238	7883	6815	******	******	*******	****	1957
26N	113W	1	WY	LINCOLN	124WSTC	2450	2497	6899	6673	******	******	*******	****	1961
26N	113W	1	WY	LINCOLN	124WSTC	2562	2617	6994	6687	5.70	4.53	0.01	85	1962
26N	113W	10	WY	LINCOLN	124WSTC	1415	1500	6832	6780	******	******	*******	67	1961
26N	113W	11	WY	LINCOLN	124WSTC	2709	2800	6830	6683	******	******	*******	83	1961
26N	113W	21	WY	LINCOLN	124WSTC	610	651	6779	6812	******	******	*******	100	1964
27N	111W	22	WY	SUBLETTE	124WSTC	4688	4720	6900	7266	146.90	84.83	0.21	121	1964
27N	112W	7	WY	SUBLETTE	124WSTC	2763	2774	7029	6775	7.86	5.89	0.01	91	1969
27N	112W	7	WY	SUBLETTE	124WSTC	2804	2820	6934	6772	10.07	7.40	0.02	93	1969
27N	112W	18	WY	SUBLETTE	124WSTC	2671	2686	6927	6758	******	******	*******	90	1960
27N	112W	18	WY	SUBLETTE	124WSTC	2671	2686	6927	6758	******	******	*******	90	1960
27N	112W	19	WY	SUBLETTE	124WSTC	2554	2579	6945	6675	53.00	41.26	0.10	87	1958

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
27N	112W	28	WY	SUBLETTE	124WSTC	2695	2786	7028	6652	******	******	*******	117	1961
27N	112W	30	WY	SUBLETTE	124WSTC	2446	2458	6943	6680	29.10	21.59	0.05	92	1968
27N	112W	30	WY	SUBLETTE	124WSTC	2655	2676	6999	6680	******	******	*******	83	1968
27N	113W	4	WY	SUBLETTE	124WSTC	1700	1726	6887	8073	******	******	*******	100	1953
27N	113W	4	WY	SUBLETTE	124WSTC	1896	1995	6855	8000	******	******	*******	100	1953
27N	113W	4	WY	SUBLETTE	124WSTC	2021	2061	6869	8000	******	******	*******	100	1953
27N	113W	4	WY	SUBLETTE	124WSTC	2126	2170	6901	8000	******	******	*******	100	1953
27N	113W	4	WY	SUBLETTE	124WSTC	2195	2270	6871	8000	******	******	*******	100	1953
27N	113W	4	WY	SUBLETTE	124WSTC	2610	2685	7683	8000	******	******	*******	150	1953
27N	113W	14	WY	SUBLETTE	124WSTC	2096	2125	6939	7030	******	******	*******	100	1956
27N	113W	35	WY	SUBLETTE	124WSTC	1280	1340	6836	6759	******	******	*******	70	1961
27N	113W	36	WY	SUBLETTE	124WSTC	2558	2613	6897	6793	29.30	23.51	0.06	84	1962
28N	111W	27	WY	SUBLETTE	124WSTC	5493	5554	6920	6970	0.29	0.16	0.00	124	1969
28N	111W	31	WY	SUBLETTE	124WSTC	4589	4623	7322	7001	******	******	*******	106	1969
28N	112W	20	WY	SUBLETTE	124WSTC	3415	3432	6741	7165	0.95	0.67	0.00	98	1970
28N	112W	32	WY	SUBLETTE	124WSTC	3079	3136	6992	7017	******	******	*******	92	1963
28N	112W	32	WY	SUBLETTE	124WSTC	3201	3238	7074	7017	******	******	*******	83	1963
28N	113W	2	WY	SUBLETTE	124WSTC	3333	3363	7524	7081	1.80	1.26	0.00	98	1959
28N	113W	28	WY	SUBLETTE	124WSTC	1080	1164	7727	7309	******	******	*******	74	1960
28N	113W	28	WY	SUBLETTE	124WSTC	1221	1326	7527	7309	******	******	*******	74	1960
28N	113W	36	WY	SUBLETTE	124WSTC	2936	2966	6862	7612	******	******	*******	86	1963
29N	112W	25	WY	SUBLETTE	124WSTC	4525	4674	7054	7078	******	******	*******	108	1961
29N	112W	26	WY	SUBLETTE	124WSTC	3374	3408	6858	7035	331.80	241.61	0.59	94	1961
29N	112W	31	WY	SUBLETTE	124WSTC	2706	2749	7025	7222	******	******	*******	80	1958
29N	112W	31	WY	SUBLETTE	124WSTC	2720	2745	6990	7209	******	******	*******	****	1958
29N	112W	31	WY	SUBLETTE	124WSTC	2745	2778	6950	7222	******	******	*******	87	1958
29N	113W	24	WY	SUBLETTE	124WSTC	1518	1553	6999	7351	******	******	*******	****	1955
29N	113W	24	WY	SUBLETTE	124WSTC	1658	1781	6878	7351	******	******	*******	****	1955

Table 4.--*Drill-stem test data for lower Tertiary aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
29N	113W	25	WY	SUBLETTE	124WSTC	2848	2915	7478	7537	******	******	*******	85	1957
29N	113W	25	WY	SUBLETTE	124WSTC	3276	3369	7424	7537	******	******	*******	86	1957
29N	113W	25	WY	SUBLETTE	124WSTC	3372	3460	7390	7537	******	******	*******	88	1957
29N	113W	36	WY	SUBLETTE	124WSTC	1515	1630	6978	7244	******	******	*******	78	1957
29N	113W	36	WY	SUBLETTE	124WSTC	1615	1701	6842	7192	******	******	*******	82	1957
29N	113W	36	WY	SUBLETTE	124WSTC	1687	1712	6940	7192	******	******	*******	72	1957
29N	113W	36	WY	SUBLETTE	124WSTC	1775	1848	6715	7244	37.80	32.35	0.08	78	1957
29N	113W	36	WY	SUBLETTE	124WSTC	3225	3340	6956	7208	4.50	3.44	0.01	89	1957
29N	113W	36	WY	SUBLETTE	124WSTC	3300	3333	7320	7299	******	******	*******	98	1957
29N	114W	13	WY	SUBLETTE	124WSTC	1257	1366	8319	7785	******	******	*******	66	1960
30N	110W	7	WY	SUBLETTE	124WSTC	2774	2879	6996	7022	******	******	*******	89	1965
30N	113W	3	WY	SUBLETTE	124WSTC	3335	3370	6911	7418	35.20	12.72	0.03	170	1969
30N	113W	24	WY	SUBLETTE	124WSTC	3009	3020	6882	7072	******	******	*******	97	1968
30N	113W	24	WY	SUBLETTE	124WSTC	3051	3077	7027	7175	4.75	3.59	0.01	90	1963
30N	113W	34	WY	SUBLETTE	124WSTC	3051	3077	7030	7175	1.88	1.42	0.00	90	1963
32N	111W	22	WY	SUBLETTE	124WSTC	4239	4317	6875	7109	******	******	*******	150	1957
32N	111W	22	WY	SUBLETTE	124WSTC	4318	4400	6956	7109	33.20	21.06	0.05	110	1957
32N	111W	22	WY	SUBLETTE	124WSTC	5523	5837	7151	7109	8.90	3.73	0.01	150	1957
33N	112W	15	WY	SUBLETTE	124WSTC	4356	4437	7085	7311	37.80	25.86	0.06	101	1964

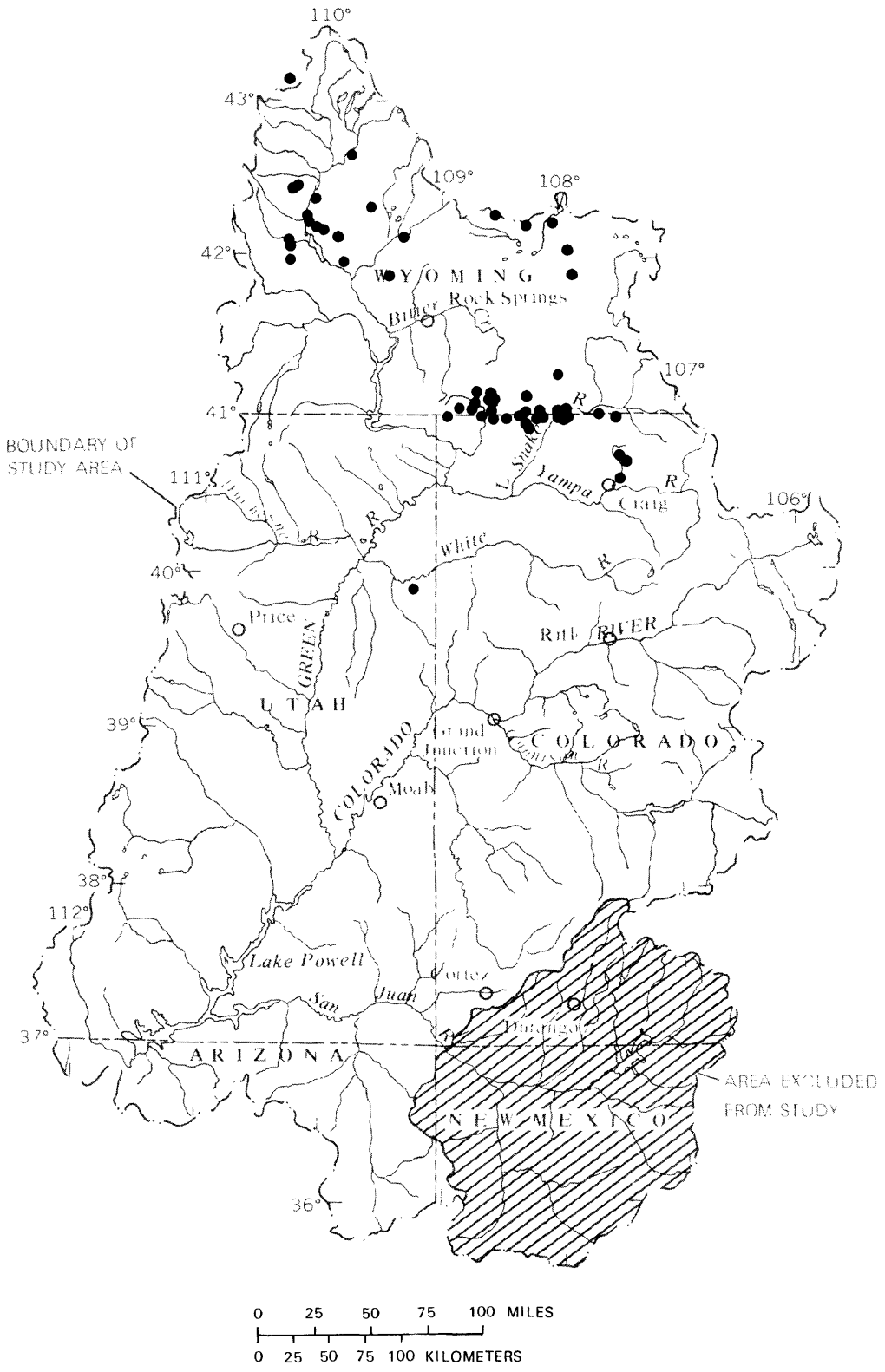

Figure 9.--Location of drill-stem test data for basal Tertiary aquifers.

Table 5.--*Drill-stem test data for basal Tertiary aquifers*

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
8N	90W	29	CO	MOFFAT	125FRUN	1986	2048	6562	6481	******	******	*******	100	1957
9N	90W	8	CO	MOFFAT	125FRUN	2030	2077	6577	7218	3.00	2.07	0.01	100	1960
9N	90W	8	CO	MOFFAT	125FRUN	3347	3357	6605	7218	39.40	27.92	0.07	97	1960
9N	90W	26	CO	MOFFAT	125FRUN	3334	3374	6802	7152	******	******	*******	100	1960
10S	24E	29	UT	UINTAH	125PLCN	4354	4400	6347	5269	******	******	*******	****	1958
10S	24E	29	UT	UINTAH	125PLCN	4610	4674	4937	5269	******	******	*******	****	1958
11N	97W	10	CO	MOFFAT	125FRUN	7252	7492	6606	6805	******	******	*******	148	1976
12N	90W	18	WY	CARBON	125FRUN	1987	2097	6523	6548	91.60	72.03	0.18	86	1967
12N	91W	18	WY	CARBON	125FRUN	1712	1770	6582	6292	18.70	16.76	0.04	74	1965
12N	94W	3	WY	SWEETWATER	125FRUN	3783	3804	6596	6412	10.10	6.41	0.02	110	1961
12N	94W	3	WY	SWEETWATER	125FRUN	4169	4193	6624	6412	******	******	*******	110	1961
12N	94W	10	WY	SWEETWATER	125FRUN	3228	3260	6690	6443	******	******	*******	100	1958
12N	94W	11	WY	SWEETWATER	125FRUN	4074	4095	6885	6542	******	******	*******	110	1958
12N	94W	16	CO	MOFFAT	125FRUN	3290	3350	6494	6131	******	******	*******	97	1960
12N	94W	17	WY	SWEETWATER	125FRUN	3863	3903	6576	6370	3.40	2.21	0.01	107	1959
12N	94W	18	WY	SWEETWATER	125FRUN	3910	3942	6530	6289	******	******	*******	130	1960
12N	94W	18	WY	SWEETWATER	125FRUN	4590	4611	6451	6100	******	******	*******	116	1959
12N	95W	14	CO	MOFFAT	125FRUN	4136	4156	6532	6429	******	******	*******	100	1958
12N	95W	14	CO	MOFFAT	125FRUN	4648	4658	7102	6429	0.10	0.06	0.00	120	1958
12N	95W	14	CO	MOFFAT	125FRUN	4700	4715	6830	6429	******	******	*******	120	1958
12N	95W	23	CO	MOFFAT	125FRUN	3195	3212	6540	6331	90.00	62.11	0.15	100	1958
12N	96W	3	WY	SWEETWATER	125FRUN	7645	7712	6500	7227	******	******	*******	166	1966
12N	96W	14	CO	MOFFAT	125FRUN	6324	6489	6903	6554	******	******	*******	144	1966
12N	96W	20	CO	MOFFAT	125FRUN	6230	6268	6842	6426	******	******	*******	****	1961
12N	96W	24	WY	SWEETWATER	125FRUN	3429	3519	6515	6647	******	******	*******	****	1967
12N	96W	24	WY	SWEETWATER	125FRUN	7364	7377	6575	6647	******	******	*******	140	1958

Table 5.--*Drill-stem test data for basal Tertiary aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)		SHUT-IN	ALT. OF	PERMEABILITY (MILLIDARCYS	(MILLI-	HYDRAULIC CONDUCTIVITY	TEMPER-	TEST
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	HEAD(FEET)	M.P.	PER CENTIPOISE)	DARCYS)	(FT PER DAY)	ATURE	DATE
12N	97W	3	WY	SWEETWATER	125FRUN	9160	9228	6839	7027	******	******	*******	****	1953
12N	97W	3	WY	SWEETWATER	125FRUN	9230	9258	6856	7027	******	******	*******	150	1953
12N	97W	3	WY	SWEETWATER	125FRUN	9230	9258	6856	7027	******	******	*******	****	1953
12N	97W	3	WY	SWEETWATER	125FRUN	9266	9311	6870	7027	******	******	*******	150	1953
12N	97W	8	WY	SWEETWATER	125FRUN	7577	7701	2734	6914	******	******	*******	150	1963
12N	97W	28	CO	MOFFAT	125FRUN	4405	4415	6258	6620	128.50	88.67	0.22	100	1953
12N	97W	28	CO	MOFFAT	125FRUN	8137	8160	6853	6620	******	******	*******	150	1953
12N	97W	33	CO	MOFFAT	125FRUN	5202	5240	7213	6638	16.90	7.08	0.02	150	1952
12N	99W	6	WY	SWEETWATER	125FRUN	4844	4868	6845	7196	******	******	*******	****	1959
12N	99W	19	CO	MOFFAT	125FRUN	3099	3316	6953	6977	******	******	*******	****	1966
12N	99W	24	CO	MOFFAT	125FRUN	6427	6507	5710	6661	******	******	*******	169	1967
12N	100W	21	WY	SWEETWATER	125FRUN	2820	2875	6978	6665	******	******	*******	100	1956
12N	103W	13	WY	SWEETWATER	125FRUN	3820	3855	7146	7696	******	******	*******	****	1955
13N	99W	5	WY	SWEETWATER	125FRUN	3341	3361	7700	7173	******	******	*******	114	1965
13N	99W	8	WY	SWEETWATER	125FRUN	4545	4591	6987	7282	8.40	4.28	0.01	130	1965
13N	100W	1	WY	SWEETWATER	125FRUN	3068	3180	6958	7044	21.50	13.64	0.03	110	1963
13N	100W	12	WY	SWEETWATER	125FRUN	2529	2566	7012	7158	******	******	*******	92	1962
13N	101W	24	WY	SWEETWATER	125FRUN	2519	2600	7011	7113	******	******	*******	100	1961
13N	101W	35	WY	SWEETWATER	125FRUN	2854	2868	7132	7167	******	******	*******	100	1952
13N	102W	35	WY	SWEETWATER	125FRUN	3708	3729	7273	7482	6.80	4.28	0.01	111	1962
14N	100W	30	WY	SWEETWATER	125FRUN	2160	2244	7072	7367	******	******	*******	100	1961
15N	94W	18	WY	SWEETWATER	125FRUN	6861	6935	5483	6870	******	******	*******	162	1970
22N	93W	10	WY	SWEETWATER	125FRUN	3196	3261	6855	6766	129.80	89.57	0.22	100	1964
22N	93W	10	WY	SWEETWATER	125FRUN	3208	3227	6930	6766	******	******	*******	114	1964
22N	93W	10	WY	SWEETWATER	125FRUN	4998	5016	7008	6766	2.76	1.62	0.00	120	1964
22N	93W	10	WY	SWEETWATER	125FRUN	5195	5220	6886	6766	******	******	*******	128	1964

Table 5.--*Drill-stem test data for basal Tertiary aquifers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
22N	106W	17	WY	SWEETWATER	125FRUN	4758	4892	6807	6698	******	******	*******	114	1959
23N	110W	13	WY	SWEETWATER	125FRUN	4586	4633	6910	6409	68.90	43.71	0.11	110	1958
23N	110W	13	WY	SWEETWATER	125FRUN	6327	6364	7317	6409	1.30	0.66	0.00	130	1958
23N	114W	11	WY	LINCOLN	125FRUN	3004	3049	6677	6735	87.50	60.38	0.15	100	1957
24N	93W	17	WY	SWEETWATER	125FRUN	3440	3498	6942	6627	30.20	20.31	0.05	103	1966
24N	93W	17	WY	SWEETWATER	125FRUN	3458	3478	6957	6627	******	******	*******	109	1966
24N	114W	3	WY	LINCOLN	125FRUN	2379	2437	7378	6803	******	******	*******	91	1957
24N	114W	11	WY	LINCOLN	125FRUN	2805	2870	7120	6786	******	******	*******	88	1958
25N	105W	16	WY	SWEETWATER	125FRUN	4805	4843	6868	6708	5.27	3.64	0.01	100	1963
25N	105W	16	WY	SWEETWATER	125FRUN	6441	6486	6915	6708	14.40	6.72	0.02	138	1963
25N	110W	22	WY	SWEETWATER	125FRUN	4992	5038	7197	7001	******	******	*******	116	1969
25N	111W	2	WY	SWEETWATER	125FRUN	4547	4559	7025	6878	******	******	*******	108	1963
25N	111W	2	WY	SWEETWATER	125FRUN	4554	4596	7001	6878	92.60	56.01	0.14	116	1963
26N	94W	17	WY	SWEETWATER	125FRUN	2710	2780	7066	6817	******	******	*******	100	1956
26N	94W	17	WY	SWEETWATER	125FRUN	2880	2905	6990	6817	******	******	*******	100	1956
26N	94W	17	WY	SWEETWATER	125FRUN	3361	3375	7354	6817	******	******	*******	100	1956
26N	96W	21	WY	SWEETWATER	125FRUN	6991	7084	6949	7117	0.57	0.23	0.00	156	1968
26N	111W	30	WY	LINCOLN	125FRUN	3679	3689	6849	7137	******	******	*******	98	1964
26N	111W	30	WY	LINCOLN	125FRUN	3808	3842	6822	7137	******	******	*******	100	1964
26N	111W	30	WY	LINCOLN	125FRUN	4184	4218	7070	7137	******	******	*******	115	1964
26N	112W	4	WY	LINCOLN	125FRUN	3204	3232	6643	7312	******	******	*******	92	1957
26N	112W	22	WY	LINCOLN	125FRUN	2105	2189	6963	6784	78.70	65.88	0.16	80	1964
26N	112W	22	WY	LINCOLN	125FRUN	3296	3328	6964	6786	25.90	20.57	0.05	85	1964
26N	112W	23	WY	LINCOLN	125FRUN	3494	3514	6958	6766	56.00	37.98	0.09	102	1964
27N	98W	30	WY	FREMONT	125FRUN	6028	6042	8642	7163	******	******	*******	122	1971
27N	107W	7	WY	SUBLETTE	125FRUN	4963	5059	7023	6791	******	******	*******	128	1965
27N	107W	7	WY	SUBLETTE	125FRUN	6860	6923	6883	6791	******	******	*******	152	1965

Table 5.--*Drill-stem test data for basal Tertiary aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
28N	112W	36	WY	SUBLETTE	125FRUN	4050	4066	7050	6840	3.10	2.02	0.00	107	1964
28N	113W	4	WY	SUBLETTE	125FRUN	1574	1655	7505	7219	******	******	*******	85	1957
29N	113W	36	WY	SUBLETTE	125FRUN	2390	2480	7359	7244	******	******	*******	83	1957
29N	113W	36	WY	SUBLETTE	125FRUN	2505	2600	7641	7192	******	******	*******	84	1957
29N	113W	36	WY	SUBLETTE	125FRUN	3020	3070	7229	7244	******	******	*******	90	1957
31N	109W	13	WY	SUBLETTE	125FRUN	10064	10129	2258	6973	******	******	*******	****	1955
37N	112W	31	WY	SUBLETTE	125PLCN	3119	3253	7180	7220	5.80	3.93	0.01	102	1958
37N	112W	31	WY	SUBLETTE	125PLCN	3575	3591	7095	7220	0.72	0.47	0.00	107	1958

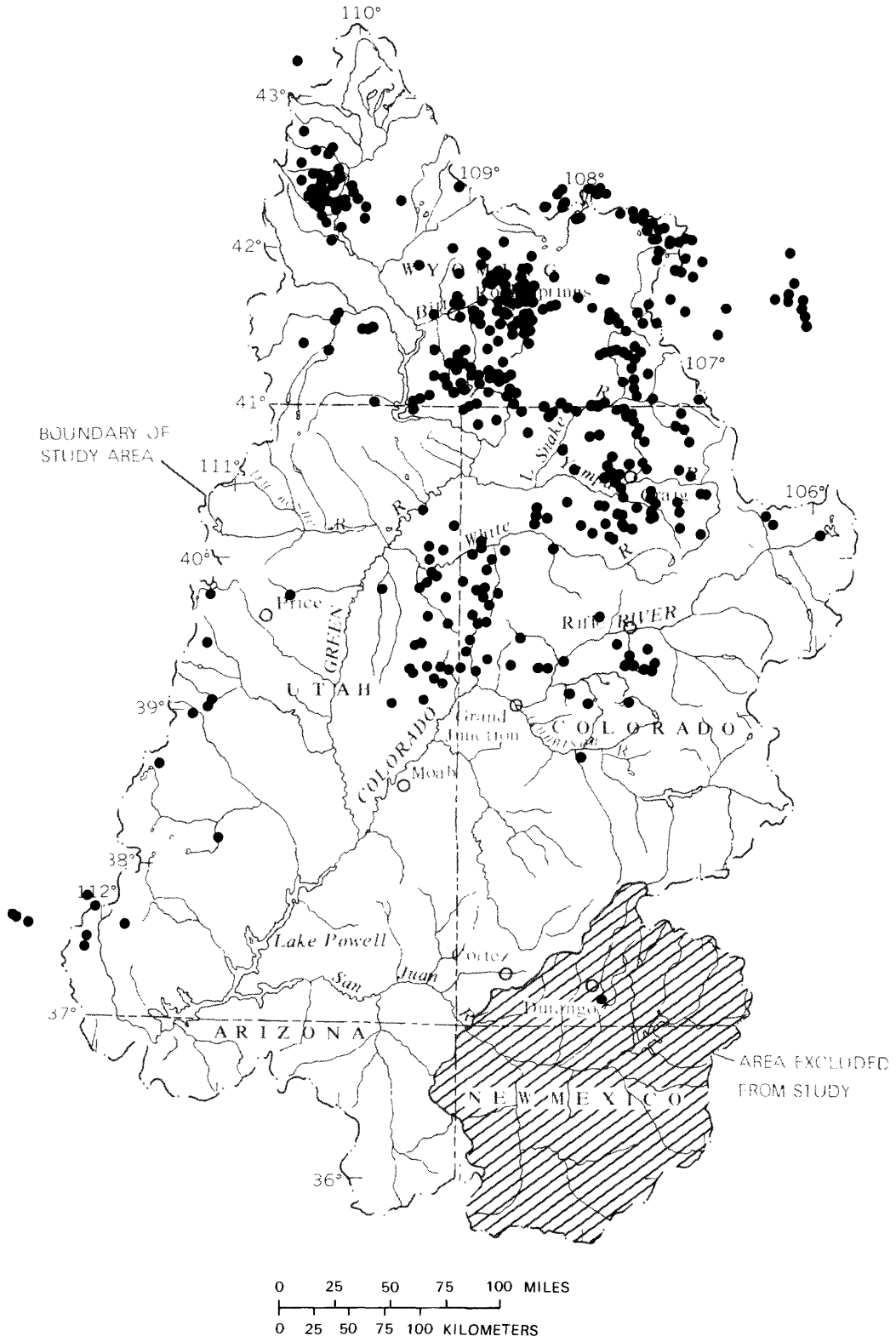

Figure 10.--Location of drill-stem test data for upper Mesozoic confining layers and aquifers.

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
1N	100W	6	CO	RIO BLANCO	210DKOT	6636	6663	5668	6132	9.07	3.17	0.01	175	1971
1N	101W	30	CO	RIO BLANCO	210DKOT	5737	5772	5908	5443	******	******	*******	****	1956
1N	101W	30	CO	RIO BLANCO	210DKOT	5773	5833	5844	5443	******	******	*******	****	1956
1N	102W	14	CO	RIO BLANCO	211EMRY	2552	2672	4794	6071	******	******	*******	100	1960
1N	103W	15	CO	RIO BLANCO	211CSLG	3165	3355	5439	5292	2.80	1.88	0.00	103	1968
2N	77W	3	CO	GRAND	210DKOT	3743	3879	8364	8268	******	******	*******	****	1953
2N	77W	3	CO	GRAND	210DKOT	3877	4002	8377	8268	******	******	*******	****	1953
2N	92W	7	CO	RIO BLANCO	210DKOT	7000	7027	6574	8199	0.50	0.23	0.00	140	1962
2N	92W	8	CO	RIO BLANCO	210DKOT	6415	6449	6588	7448	******	******	*******	****	1959
2N	93W	1	CO	RIO BLANCO	210DKOT	7006	7018	6523	8300	******	******	*******	168	1967
2N	93W	1	CO	RIO BLANCO	210DKOT	7027	7047	5382	8300	******	******	*******	170	1967
2N	93W	1	CO	RIO BLANCO	210DKOT	7248	7275	6528	8476	******	******	*******	138	1967
2N	93W	1	CO	RIO BLANCO	210DKOT	7550	7618	6117	8553	******	******	*******	162	1972
2N	97W	34	CO	RIO BLANCO	211LWIS	1742	1772	6378	5699	******	******	*******	****	1952
2N	102W	8	CO	RIO BLANCO	210DKOT	3965	4013	5739	5383	******	******	*******	125	1963
2N	102W	17	CO	RIO BLANCO	210DKOT	3935	3949	5763	5405	******	******	*******	132	1964
2N	102W	32	CO	RIO BLANCO	210DKOT	2955	2962	5730	5247	******	******	*******	120	1966
2S	102W	26	CO	RIO BLANCO	210DKOT	4989	5025	5503	6503	******	******	*******	****	1959
2S	104W	12	CO	RIO BLANCO	211MVRD	2387	2520	5653	6903	******	******	*******	****	1954
3N	22E	20	UT	DAGGETT	210DKOT	2687	2713	6389	6238	******	******	*******	****	1960
3N	80W	7	CO	GRAND	211FRNR	4680	4784	8523	7981	******	******	*******	133	1972
3N	86W	35	CO	ROUTT	210DKOT	3647	3672	7249	8355	85.40	53.31	0.13	112	1968
3N	87W	17	CO	ROUTT	210DKOT	4268	4288	7165	10093	******	******	*******	118	1969
3N	91W	8	CO	MOFFAT	210DKOT	2134	2200	6757	6948	******	******	*******	****	1959

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
3N	91W	15	CO	MOFFAT	210DKOT	3541	3553	6424	7471	50.60	25.79	0.06	130	1970
3N	92W	2	CO	MOFFAT	211FRNR	2650	2728	6480	6615	******	******	*******	103	1969
3N	93W	4	CO	MOFFAT	210DKOT	8148	8169	6292	7357	******	******	*******	210	1962
3N	93W	4	CO	MOFFAT	210DKOT	8155	8178	6207	7357	******	******	*******	204	1962
3N	94W	27	CO	RIO BLANCO	210DKOT	6520	6632	6543	8382	******	******	*******	184	1966
3N	95W	11	CO	MOFFAT	210DKOT	7588	7613	6453	8064	******	******	*******	****	1959
3S	101W	3	CO	RIO BLANCO	211MVRD	1005	1060	6061	6556	******	******	*******	****	1959
3S	101W	3	CO	RIO BLANCO	211MVRD	3434	3660	6434	6556	******	******	*******	100	1959
3S	102W	7	CO	RIO BLANCO	211MVRD	2140	2183	5974	7030	******	******	*******	****	1960
3S	102W	16	CO	RIO BLANCO	211MVRD	1680	1835	7368	7936	******	******	*******	****	1958
4N	81W	21	CO	GRAND	210DKOT	3158	3175	8420	8019	******	******	*******	****	1960
4N	81W	21	CO	GRAND	211NBRR	2205	2370	7053	8019	******	******	*******	100	1960
4N	87W	7	CO	ROUTT	210DKOT	2700	2766	6872	7252	******	******	*******	****	1955
4N	89W	8	CO	ROUTT	210DKOT	3251	3260	6620	6662	******	******	*******	120	1969
4N	89W	17	CO	ROUTT	210DKOT	2988	3031	6599	6715	265.00	148.32	0.36	123	1964
4N	89W	21	CO	ROUTT	210DKOT	2730	2778	6245	6870	******	******	*******	113	1964
4N	89W	21	CO	ROUTT	210DKOT	2793	2813	6631	6868	233.00	144.30	0.35	113	1964
4N	89W	29	CO	ROUTT	210DKOT	2838	2850	6647	6779	******	******	*******	121	1971
4N	89W	29	CO	ROUTT	210DKOT	2867	2874	6573	6779	******	******	*******	121	1971
4N	89W	30	CO	ROUTT	210DKOT	2910	2923	6681	6835	******	******	*******	****	1956
4N	92W	13	CO	MOFFAT	210DKOT	3580	3624	6489	6505	******	******	*******	120	1959
4N	92W	14	CO	MOFFAT	210DKOT	3092	3139	6444	6347	******	******	*******	120	1963
4N	92W	16	CO	MOFFAT	211FRNR	3030	3068	6390	6499	******	******	*******	100	1959
4N	92W	16	CO	MOFFAT	211FRNR	3046	3052	6398	6499	******	******	*******	100	1959
4N	92W	16	CO	MOFFAT	211FRNR	3070	3110	6401	6499	40.23	27.76	0.07	100	1959
4N	92W	35	CO	MOFFAT	210DKOT	3020	3060	6460	6583	******	******	*******	112	1967

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
4N	92W	35	CO	MOFFAT	210DKOT	3207	3229	6258	6735	******	******	*******	****	1956
4N	97W	20	CO	MOFFAT	211MNCS	4702	4760	6270	6005	20.00	11.55	0.03	121	1967
4N	98W	17	CO	MOFFAT	210DKOT	5527	5550	5904	6223	******	******	*******	146	1969
4N	98W	31	CO	MOFFAT	210DKOT	4158	4271	5409	5191	64.60	38.77	0.09	117	1969
4S	93W	31	CO	GARFIELD	211MVRD	4786	5123	8037	6463	******	******	*******	126	1972
4S	102W	1	CO	RIO BLANCO	210DKOT	5019	5048	4534	6497	******	******	*******	178	1964
4S	103W	27	CO	RIO BLANCO	210DKOT	5890	5931	3506	6669	******	******	*******	130	1958
4S	103W	27	CO	RIO BLANCO	210DKOT	5992	6024	5141	6669	******	******	*******	****	1958
4S	103W	27	CO	RIO BLANCO	211MVRD	916	1022	6295	6669	******	******	*******	****	1958
4S	103W	27	CO	RIO BLANCO	211MVRD	2123	2157	5869	6669	******	******	*******	100	1958
5N	88W	11	CO	ROUTT	211MNCS	1550	1569	6725	7095	0.28	0.23	0.00	80	1960
5N	88W	11	CO	ROUTT	211MNCS	2925	2965	6400	7095	******	******	*******	100	1960
5N	89W	8	CO	ROUTT	210DKOT	7490	7518	6558	7645	******	******	*******	180	1961
5N	89W	17	CO	ROUTT	210DKOT	7553	7593	6561	8049	******	******	*******	170	1970
5N	89W	17	CO	ROUTT	210DKOT	7699	7722	6564	8049	******	******	*******	182	1970
5N	89W	17	CO	ROUTT	211MNCS	3626	3777	6748	8049	******	******	*******	101	1970
5N	90W	36	CO	MOFFAT	210DKOT	3853	3897	6546	6472	199.50	81.53	0.20	153	1963
5N	90W	36	CO	MOFFAT	210DKOT	3921	3966	6929	6472	******	******	*******	133	1963
5N	90W	36	CO	MOFFAT	210DKOT	4281	4319	6551	7153	81.00	37.45	0.09	139	1968
5N	90W	36	CO	MOFFAT	211MNCS	3075	3193	6441	6472	******	******	*******	123	1963
5N	91W	28	CO	MOFFAT	211FRNR	4340	4390	6385	6365	******	******	*******	150	1961
5N	93W	18	CO	MOFFAT	210DKOT	3114	3134	6341	6264	19.70	12.81	0.03	107	1970
5N	93W	22	CO	MOFFAT	210DKOT	4208	4250	6273	6332	******	******	*******	119	1971
5N	96W	11	CO	MOFFAT	210DKOT	2374	2398	6436	6600	******	******	*******	****	1952
5N	98W	28	CO	MOFFAT	210DKOT	5568	5588	599	6709	******	******	*******	****	1959
5S	23E	31	UT	UINTAH	210DKOT	1966	1984	4849	4740	******	******	*******	98	1967

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
5S	102W	14	CO	GARFIELD	210DKOT	6597	6645	5452	7637	******	******	*******	175	1972
5S	102W	20	CO	GARFIELD	210DKOT	6790	6820	4803	8010	******	******	*******	****	1959
5S	102W	20	CO	GARFIELD	210DKOT	7035	7583	4866	8010	******	******	*******	150	1959
5S	102W	20	CO	GARFIELD	210DKOT	7035	7583	4856	8010	******	******	*******	****	1959
5S	102W	20	CO	GARFIELD	211MVRD	2935	2975	8852	8010	******	******	*******	100	1959
6N	86W	25	CO	ROUTT	210DKOT	5565	5593	6840	7009	******	******	*******	130	1957
6N	86W	25	CO	ROUTT	211NBRR	4200	4300	5627	6934	******	******	*******	110	1957
6N	86W	25	CO	ROUTT	211NBRR	4464	4491	5993	6934	******	******	*******	110	1957
6N	86W	26	CO	ROUTT	210DKOT	5227	5357	6994	6900	******	******	*******	130	1959
6N	90W	25	CO	MOFFAT	210DKOT	8245	8303	6528	7360	******	******	*******	****	1956
6N	90W	25	CO	MOFFAT	210DKOT	8275	8295	6664	7360	******	******	*******	****	1956
6N	90W	25	CO	MOFFAT	211CRCS	6419	6550	5015	7251	******	******	*******	169	1957
6N	90W	25	CO	MOFFAT	211MNCS	3247	3264	6801	7360	******	******	*******	****	1956
6N	90W	25	CO	MOFFAT	211MNCS	3869	3890	6796	7251	******	******	*******	110	1957
6N	90W	25	CO	MOFFAT	211MNCS	3922	3976	6698	7360	******	******	*******	100	1956
6N	90W	25	CO	MOFFAT	211MNCS	3952	4050	6684	7374	******	******	*******	122	1965
6N	90W	25	CO	MOFFAT	211MNCS	3978	4012	7243	7251	0.23	0.13	0.00	122	1957
6N	90W	25	CO	MOFFAT	211MNCS	6240	6353	5591	7360	******	******	*******	130	1956
6N	90W	25	CO	MOFFAT	211MNCS	6398	6423	5455	7360	******	******	*******	140	1956
6N	90W	25	CO	MOFFAT	211NBRR	6548	6625	4473	7251	******	******	*******	140	1957
6N	90W	25	CO	MOFFAT	211NBRR	6619	6700	4499	7251	******	******	*******	140	1957
6N	90W	25	CO	MOFFAT	211TRCK	1890	1995	6710	7360	******	******	*******	****	1956
6N	90W	25	CO	MOFFAT	211TRCK	2550	2590	7083	7360	******	******	*******	****	1956
6N	90W	35	CO	MOFFAT	211MNCS	4386	4409	6624	7842	******	******	*******	110	1957
6N	90W	36	CO	MOFFAT	211MNCS	4080	4100	6515	7409	******	******	*******	110	1957
6N	92W	10	CO	MOFFAT	211MNCS	3512	3572	6351	6505	******	******	*******	112	1959
6N	92W	10	CO	MOFFAT	211MVRD	1351	1400	6226	6505	******	******	*******	****	1959

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
6N	92W	36	CO	MOFFAT	210DKOT	7538	7638	6405	6313	91.30	31.71	0.08	176	1963
6S	100W	22	CO	GARFIELD	211MVRD	913	955	6324	6388	******	******	*******	****	1959
6S	100W	22	CO	GARFIELD	211PCRV	3860	3883	5752	6384	******	******	*******	****	1959
6S	104W	35	CO	GARFIELD	210DKOT	4008	4058	4261	5846	******	******	*******	****	1957
7N	87W	13	CO	ROUTT	210DKOT	3894	3985	6919	7545	******	******	*******	106	1962
7N	87W	13	CO	ROUTT	210DKOT	4018	4061	6856	7545	******	******	*******	108	1962
7N	87W	13	CO	ROUTT	211FRNR	3222	3295	7250	7545	******	******	*******	88	1962
7N	92W	3	CO	MOFFAT	211MVRD	3144	3194	6679	6764	7.80	4.79	0.01	114	1962
7N	92W	3	CO	MOFFAT	211MVRD	4769	4790	6221	6764	******	******	*******	165	1962
7N	92W	6	CO	MOFFAT	211ALMD	3221	3236	6660	6985	38.10	26.29	0.06	100	1963
7N	92W	29	CO	MOFFAT	211MVRD	3638	3687	6446	6515	******	******	*******	132	1959
7N	92W	33	CO	MOFFAT	211MVRD	1156	1185	6459	6462	******	******	*******	73	1968
7N	92W	33	CO	MOFFAT	211MVRD	1156	1185	6459	6462	******	******	*******	73	1968
7N	93W	15	CO	MOFFAT	211MVRD	1203	1204	6486	6382	******	******	*******	86	1965
7N	93W	15	CO	MOFFAT	211MVRD	1208	1218	6510	6382	103.30	82.90	0.20	84	1965
7N	93W	15	CO	MOFFAT	211MVRD	3650	3660	6321	6382	******	******	*******	140	1965
7N	93W	15	CO	MOFFAT	211MVRD	3776	3786	6446	6382	******	******	*******	144	1965
7N	93W	16	CO	MOFFAT	210DKOT	9025	9037	6468	6335	******	******	*******	228	1959
7N	93W	16	CO	MOFFAT	211MNCS	3634	0	6495	6335	******	******	*******	100	1960
7N	93W	16	CO	MOFFAT	211MNCS	3697	3716	6425	6335	******	******	*******	100	1958
7N	93W	16	CO	MOFFAT	211MVRD	840	880	6449	6335	******	******	*******	****	1958
7N	93W	16	CO	MOFFAT	211MVRD	1883	1890	6347	6335	56.80	39.20	0.10	100	1958
7N	93W	16	CO	MOFFAT	211NBRR	8235	8265	6845	6335	******	******	*******	165	1959
7S	25E	3	UT	UINTAH	210DKOT	7568	7580	5476	5550	******	******	*******	****	1955
7S	90W	17	CO	GARFIELD	211PCRV	9738	9781	7661	8011	******	******	*******	****	1959
7S	90W	17	CO	GARFIELD	211PCRV	9964	10024	8768	8012	******	******	*******	180	1959
7S	92W	36	CO	GARFIELD	211MVRD	5345	5365	5325	6505	******	******	*******	120	1960
7S	93W	12	CO	GARFIELD	211PCRV	8450	8617	6766	6223	******	******	*******	150	1959

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
7S	104W	22	CO	GARFIELD	210DKOT	4078	4108	3887	5472	******	******	*******	****	1957
7S	104W	22	CO	GARFIELD	210DKOT	4080	4094	3987	5472	******	******	*******	****	1957
8N	87W	31	CO	ROUTT	211MVRD	2415	2513	6921	7145	******	******	*******	100	1959
8N	87W	31	CO	ROUTT	211MVRD	3500	3560	6952	7145	5.50	3.80	0.01	100	1959
8N	90W	16	CO	MOFFAT	211FXHL	2887	2948	6591	6685	174.70	126.05	0.31	95	1964
8N	90W	16	CO	MOFFAT	211LNCE	1945	1985	6610	6685	86.10	73.69	0.18	78	1964
8N	90W	34	CO	MOFFAT	211FXHL	2298	2318	6557	6317	5.60	3.86	0.01	100	1957
8N	91W	16	CO	MOFFAT	211LWIS	4472	4496	6680	7070	1.40	0.77	0.00	124	1967
8N	91W	16	CO	MOFFAT	211LWIS	4699	4759	6592	7070	6.13	3.54	0.01	121	1967
8N	93W	26	CO	MOFFAT	211MVRD	3812	3824	6609	6934	184.10	109.63	0.27	118	1960
8N	95W	29	CO	MOFFAT	211MVRD	6057	6104	6652	6200	0.50	0.29	0.00	120	1959
8S	91	20	CO	MESA	211MVRD	6012	6060	9285	7553	******	******	*******	120	1960
8S	91	20	CO	MESA	211MVRD	5808	5829	5108	7553	******	******	*******	130	1960
8S	91	20	CO	MESA	211MVRD	5830	5885	6373	7553	******	******	*******	150	1960
8S	23E	27	UT	UINTAH	211MVRD	8131	8215	4154	5150	******	******	*******	****	1960
8S	24E	34	UT	UINTAH	211MVRD	4600	5121	5556	5332	******	******	*******	****	1959
8S	90W	23	CO	PITKIN	211PCRV	5961	5976	7719	9525	******	******	*******	150	1961
8S	90W	34	CO	PITKIN	211PCRV	4555	4613	8404	9504	******	******	*******	120	1961
8S	91W	36	CO	MESA	211MVRD	3292	3306	8497	9829	******	******	*******	****	1955
8S	91W	36	CO	MESA	211MVRD	5327	5375	8641	9875	******	******	*******	120	1960
8S	91W	36	CO	MESA	211MVRD	5376	5435	8200	9875	******	******	*******	120	1960
8S	92W	22	CO	MESA	211MVRD	3944	3967	7654	7114	******	******	*******	110	1959
8S	92W	22	CO	MESA	211MVRD	4554	4577	6581	7114	******	******	*******	130	1959
8S	92W	22	CO	MESA	211MVRD	7803	7858	6924	7114	******	******	*******	130	1959
8S	97W	12	CO	GARFIELD	211MVRD	3955	4682	4503	5168	******	******	*******	****	1957
8S	98W	26	CO	MESA	211MVRD	485	540	5174	5389	******	******	*******	****	1958
8S	98W	31	CO	MESA	211MVRD	1711	1798	5652	5869	******	******	*******	****	1954

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
8S	101W	24	CO	MESA	211MVRD	1391	1483	5491	6195	******	******	*******	****	1956
8S	102W	8	CO	GARFIELD	217BCKR	3332	3540	4676	5285	******	******	*******	****	1957
8S	104W	31	CO	MESA	210DKOT	2875	3030	4508	5203	******	******	*******	****	1955
9N	92W	31	CO	MOFFAT	211MVRD	7268	7306	6073	7055	******	******	*******	****	1961
9N	96W	21	CO	MOFFAT	211LWIS	8908	8948	6147	5904	12.90	4.37	0.01	180	1959
9S	23E	22	UT	UINTAH	211MVRD	8480	8512	7654	5094	******	******	*******	160	1960
9S	103W	4	CO	MESA	210DKOT	2185	2247	5069	4794	******	******	*******	****	1956
10N	87W	26	CO	ROUTT	211MNCS	3568	3626	7497	8537	4.20	2.71	0.01	108	1959
10N	90W	28	CO	MOFFAT	211LWIS	4397	4467	6610	7319	******	******	*******	110	1963
10N	90W	28	CO	MOFFAT	211MVRD	6374	6675	7544	7319	******	******	*******	157	1963
10N	91W	12	CO	MOFFAT	211LNCE	3825	3850	6693	6758	11.60	7.73	0.02	104	1959
10N	93W	18	CO	MOFFAT	211LNCE	7085	7166	6666	6890	5.80	2.43	0.01	150	1959
10N	93W	18	CO	MOFFAT	211LWIS	7818	7873	8312	6890	******	******	*******	100	1959
10N	93W	18	CO	MOFFAT	211MVRD	9053	9349	8168	6890	******	******	*******	180	1959
10N	93W	18	CO	MOFFAT	211MVRD	9095	9167	7184	6890	******	******	*******	170	1959
10N	94W	15	CO	MOFFAT	211FXHL	7215	7271	6776	6792	******	******	*******	130	1971
10N	94W	16	CO	MOFFAT	211FXHL	7232	7267	6807	6761	******	******	*******	138	1968
10N	94W	22	CO	MOFFAT	211FXHL	7008	7050	6852	6733	******	******	*******	****	1967
10N	99W	2	CO	MOFFAT	211MVRD	11152	11241	8147	8032	0.26	0.06	0.00	252	1960
10S	23E	24	UT	UINTAH	211MVRD	4789	4860	5389	4869	******	******	*******	120	1961
10S	24E	30	UT	UINTAH	211MVRD	6162	6182	7894	5413	******	******	*******	****	1960
10S	96W	28	CO	MESA	211PCRV	3315	3397	6341	6020	******	******	*******	100	1961
11N	87W	33	CO	ROUTT	211MVRD	4730	4785	7427	8350	******	******	*******	132	1960
11N	88W	24	CO	ROUTT	211MNCS	5092	5112	7326	8019	******	******	*******	144	1964
11N	88W	24	CO	ROUTT	211MVRD	3045	3085	7254	8019	******	******	*******	120	1964

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
11N	88W	24	CO	ROUTT	211MVRD	3781	3806	7292	8019	******	******	*******	122	1964
11N	90W	31	CO	MOFFAT	211LNCE	3680	3765	6676	6877	204.40	136.29	0.33	104	1963
11N	90W	31	CO	MOFFAT	211MVRD	6518	6537	7197	6877	0.20	0.08	0.00	157	1964
11N	91W	3	CO	MOFFAT	211MVRD	6670	6703	7125	6603	******	******	*******	150	1958
11N	91W	3	CO	MOFFAT	211MVRD	8182	8229	3906	6603	5.30	2.05	0.00	160	1958
11N	91W	10	CO	MOFFAT	211LNCE	3642	3675	6651	6554	30.90	20.26	0.05	106	1971
11N	101W	9	CO	MOFFAT	211MVRD	5256	5299	7103	7043	******	******	*******	100	1953
11N	101W	9	CO	MOFFAT	211MVRD	5955	5990	6703	7043	19.50	8.17	0.02	150	1953
11N	102W	19	CO	MOFFAT	210DKOT	10838	10943	6039	8500	18.60	8.28	0.02	143	1976
11S	20E	29	UT	UINTAH	211MVRD	8357	8377	6032	5564	******	******	*******	196	1961
11S	23E	10	UT	UINTAH	211MVRD	5362	5382	6359	5849	******	******	*******	****	1960
11S	23E	30	UT	UINTAH	211MVRD	4970	4991	6284	5901	******	******	*******	****	1961
11S	23E	30	UT	UINTAH	211MVRD	5080	5103	6756	5892	******	******	*******	****	1961
11S	23E	30	UT	UINTAH	211MVRD	5115	5135	6593	5892	******	******	*******	****	1961
11S	23E	30	UT	UINTAH	211MVRD	5282	5303	7141	5892	******	******	*******	****	1961
11S	23E	30	UT	UINTAH	211MVRD	5370	5405	7471	5892	******	******	*******	****	1961
11S	23E	30	UT	UINTAH	211MVRD	5570	5587	6918	5901	******	******	*******	****	1961
11S	23E	30	UT	UINTAH	211MVRD	5927	5941	6909	5892	******	******	*******	****	1961
11S	92W	13	CO	DELTA	211MVRD	4947	5059	7000	9421	******	******	*******	130	1957
11S	92W	13	CO	DELTA	211MVRD	6365	6462	6687	9421	******	******	*******	140	1957
11S	95W	13	CO	MESA	211MVRD	5707	6287	6451	9900	******	******	*******	130	1960
11S	95W	13	CO	MESA	211MVRD	5830	6287	6412	9900	******	******	*******	130	1960
12N	87W	28	CO	ROUTT	211MVRD	1275	1306	7140	7097	******	******	*******	90	1971
12N	87W	28	CO	ROUTT	211NBRR	3884	4040	7720	7186	******	******	*******	111	1971
12N	91W	17	WY	CARBON	211MVRD	6370	6403	7206	6458	******	******	*******	171	1964
12N	91W	18	CO	MOFFAT	211LNCE	3129	3265	6607	6379	40.60	26.84	0.07	105	1964
12N	91W	18	CO	MOFFAT	211LNCE	3555	3664	6656	6379	105.60	68.10	0.17	108	1964
12N	91W	27	CO	MOFFAT	211LNCE	3514	3524	7483	6608	******	******	*******	103	1960

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED (FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
12N	91W	31	CO	MOFFAT	211LWIS	3845	3978	6603	6410	******	******	*******	96	1964
12N	92W	13	CO	MOFFAT	211LNCE	3553	3589	6574	6338	18.70	12.68	0.03	102	1965
12N	92W	16	CO	MOFFAT	211LNCE	3553	3589	6541	6216	******	******	*******	102	1965
12N	93W	3	WY	CARBON	211LNCE	4725	4756	6681	6346	******	******	*******	****	1961
12N	93W	17	WY	CARBON	211FXHL	5224	5263	6932	6106	******	******	*******	136	1967
12N	94W	11	WY	SWEETWATER	211LNCE	6349	6369	6668	6542	******	******	*******	130	1958
12N	94W	11	WY	SWEETWATER	211LNCE	6515	6545	6285	6542	******	******	*******	144	1958
12N	94W	11	WY	SWEETWATER	211LWIS	6870	6910	5668	6542	******	******	*******	148	1958
12N	94W	11	WY	SWEETWATER	211LWIS	6930	6945	7280	6542	******	******	*******	148	1958
12N	95W	21	CO	MOFFAT	211LNCE	6838	6869	5669	6385	******	******	*******	158	1967
12N	95W	21	CO	MOFFAT	211MVRD	9386	9465	1945	6385	******	******	*******	185	1967
12N	96W	3	WY	SWEETWATER	211MVRD	11915	11994	7087	7227	******	******	*******	258	1966
12N	96W	3	WY	SWEETWATER	211MVRD	12455	12516	7003	7227	******	******	*******	268	1966
12N	96W	24	WY	SWEETWATER	211LNCE	6703	6735	7009	6624	******	******	*******	****	1958
12N	97W	8	WY	SWEETWATER	211LNCE	8794	8817	6571	6914	1.38	0.39	0.00	210	1963
12N	97W	28	CO	MOFFAT	211FXHL	8966	9030	6736	6620	******	******	*******	150	1953
12N	97W	33	CO	MOFFAT	211LNCE	8025	8050	6737	6638	******	******	*******	****	1953
12N	97W	33	CO	MOFFAT	211LNCE	8074	8075	6925	6638	******	******	*******	150	1953
12N	99W	6	WY	SWEETWATER	211MVRD	6467	6563	7643	7196	******	******	*******	165	1959
12N	99W	21	CO	MOFFAT	211MVRD	7946	8003	6441	6861	******	******	*******	****	1961
12N	99W	21	CO	MOFFAT	211MVRD	7959	8029	5097	6861	******	******	*******	****	1961
12N	99W	22	WY	SWEETWATER	211MVRD	7872	7931	8220	6944	******	******	*******	****	1962
12N	102W	5	WY	SWEETWATER	211MVRD	6109	6181	6757	8275	******	******	*******	130	1959
12N	102W	5	WY	SWEETWATER	211MVRD	6988	7088	6760	8275	******	******	*******	150	1959
12N	103W	10	WY	SWEETWATER	211MVRD	6532	6564	6759	9308	******	******	*******	150	1952
12N	103W	10	WY	SWEETWATER	211MVRD	6536	6552	6836	9308	******	******	*******	150	1952
12N	103W	10	WY	SWEETWATER	211MVRD	6553	6574	6757	9308	******	******	*******	150	1952
12N	103W	10	WY	SWEETWATER	211MVRD	6578	6594	6856	9308	45.80	19.18	0.05	150	1952

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLIDARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
12N	103W	10	WY	SWEETWATER	211MVRD	6645	6665	6840	9404	******	******	*******	150	1953
12N	103W	10	WY	SWEETWATER	211MVRD	6670	6725	6820	9404	250.00	104.69	0.25	150	1953
12N	103W	11	WY	SWEETWATER	210DKOT	13524	13578	8449	9404	******	******	*******	228	1967
12N	103W	11	WY	SWEETWATER	211MVRD	6586	6636	6604	9323	12.50	6.80	0.02	125	1953
12N	103W	11	WY	SWEETWATER	211MVRD	6635	6665	6788	9323	19.30	8.08	0.02	150	1953
12N	103W	11	WY	SWEETWATER	211MVRD	6790	6817	6858	8923	******	******	*******	131	1959
12N	103W	11	WY	SWEETWATER	211MVRD	6937	7063	6739	8923	******	******	*******	140	1959
12N	103W	11	WY	SWEETWATER	211MVRD	7029	7065	6892	8923	20.70	8.39	0.02	154	1959
12N	103W	21	WY	SWEETWATER	211ALMD	5104	5126	6973	8526	11.97	7.85	0.02	106	1971
12N	107W	1	WY	SWEETWATER	211ALMD	7427	7447	7189	7230	******	******	*******	138	1965
12N	107W	1	WY	SWEETWATER	211RKSP	8780	8862	6634	7230	******	******	*******	158	1965
12N	107W	3	WY	SWEETWATER	211HLRD	13270	13450	14341	7026	******	******	*******	252	1970
12N	110W	22	WY	SWEETWATER	210DKOT	18316	18489	9369	6787	12.20	2.90	0.01	247	1969
12S	7E	22	UT	CARBON	211FRRN	6210	6288	6262	8468	******	******	*******	****	1953
12S	13E	16	UT	CARBON	211MNCS	8097	8140	7113	6768	******	******	*******	180	1963
12S	25E	18	UT	UINTAH	211MVRD	2951	2977	6206	6302	26.10	16.56	0.04	110	1961
12S	25E	18	UT	UINTAH	211MVRD	3746	3770	6838	6302	******	******	*******	100	1961
13N	88W	36	WY	CARBON	210DKOT	5990	6031	7498	7344	46.60	22.21	0.05	136	1964
13N	88W	36	WY	CARBON	211MNCS	1392	1439	7107	7344	149.30	118.59	0.29	85	1964
13N	88W	36	WY	CARBON	211MNCS	2043	2083	7302	7344	1.60	1.27	0.00	85	1964
13N	89W	20	WY	CARBON	211MVRD	385	414	6772	6940	******	******	*******	100	1954
13N	90W	19	WY	CARBON	211MVRD	5616	5645	7083	6813	******	******	*******	****	1955
13N	91W	12	WY	CARBON	211MVRD	6003	6053	7094	6730	******	******	*******	120	1960
13N	99W	18	WY	SWEETWATER	211ALMD	5098	5205	6951	7290	6.40	4.06	0.01	110	1959
13N	99W	18	WY	SWEETWATER	211BXTR	10218	10283	11648	7280	******	******	*******	224	1957
13N	99W	18	WY	SWEETWATER	211ERCS	5508	5581	6816	7290	20.70	13.13	0.03	110	1959

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLIDARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
13N	99W	18	WY	SWEETWATER	211ERCS	5619	5704	6818	7301	******	******	*******	130	1959
13N	99W	18	WY	SWEETWATER	211LNCE	3730	3862	6876	7301	32.70	19.47	0.05	118	1959
13N	99W	18	WY	SWEETWATER	211LNCE	4390	4475	6879	7277	******	******	*******	110	1958
13N	99W	18	WY	SWEETWATER	211MVRD	4809	4827	7392	7280	******	******	*******	****	1956
13N	99W	18	WY	SWEETWATER	211MVRD	7343	7486	6742	7227	11.50	4.82	0.01	150	1958
13N	99W	18	WY	SWEETWATER	211MVRD	7343	7486	6836	7277	7.80	3.27	0.01	150	1958
13N	99W	18	WY	SWEETWATER	211RKSP	6747	6821	6785	7301	******	******	*******	150	1959
13N	99W	18	WY	SWEETWATER	211RKSP	6842	6901	6777	7301	******	******	*******	150	1959
13N	99W	18	WY	SWEETWATER	211RKSP	8946	9052	4742	7301	41.50	19.00	0.05	140	1959
13N	100W	1	WY	SWEETWATER	211LNCE	3753	3897	6975	7044	18.80	11.93	0.03	110	1963
13N	100W	1	WY	SWEETWATER	211MVRD	4807	4860	7368	7044	******	******	*******	138	1963
13N	100W	1	WY	SWEETWATER	211MVRD	4808	4860	7384	7044	******	******	*******	140	1963
13N	100W	9	WY	SWEETWATER	211MVRD	7544	7576	8259	7049	******	******	*******	150	1952
13N	100W	12	WY	SWEETWATER	211LNCE	3580	3680	6927	7158	******	******	*******	100	1962
13N	100W	21	WY	SWEETWATER	211LNCE	4280	4450	6900	7200	******	******	*******	****	1963
13N	101W	7	WY	SWEETWATER	211RKSP	6906	7303	7265	7360	******	******	*******	149	1962
13N	103W	8	WY	SWEETWATER	211MVRD	2060	2234	7312	7542	******	******	*******	150	1956
13N	104W	12	WY	SWEETWATER	211MVRD	3904	3942	7136	7432	******	******	*******	100	1956
13N	104W	15	WY	SWEETWATER	211FRNR	4601	4611	7082	7183	******	******	*******	120	1959
13N	104W	15	WY	SWEETWATER	211MVRD	3259	3274	6975	7183	30.80	21.25	0.05	100	1959
13N	106W	27	WY	SWEETWATER	211MVRD	7818	7825	6958	7800	85.00	58.66	0.14	100	1959
13S	23E	26	UT	UINTAH	211MVRD	3685	3885	6385	6427	******	******	*******	105	1964
14N	90W	7	WY	CARBON	211MVRD	1968	2012	7071	6785	******	******	*******	84	1960
14N	91W	11	WY	CARBON	211MVRD	3902	3952	6975	7141	******	******	*******	****	1960
14N	91W	12	WY	CARBON	211MVRD	3295	3320	7172	6808	******	******	*******	112	1968
14N	91W	12	WY	CARBON	211MVRD	3530	3555	6909	6890	******	******	*******	111	1967
14N	91W	18	WY	CARBON	211MVRD	6864	6886	6921	6387	******	******	*******	152	1962

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
14N	100W	2	WY	SWEETWATER	211LWIS	6350	6400	3323	7316	******	******	*******	****	1958
14N	100W	2	WY	SWEETWATER	211LWIS	7185	7288	704	7316	******	******	*******	****	1958
14N	100W	9	WY	SWEETWATER	211LNCE	4616	4787	6891	7406	3.70	2.17	0.01	120	1959
14N	100W	9	WY	SWEETWATER	211LWIS	5669	5729	7263	7406	******	******	*******	140	1959
14N	100W	9	WY	SWEETWATER	211LWIS	5816	5844	6702	7406	4.60	2.34	0.01	130	1959
14N	100W	9	WY	SWEETWATER	211RKSP	7665	7757	6989	7406	******	******	*******	150	1959
14N	100W	35	WY	SWEETWATER	211ERCS	5126	6178	6738	7114	******	******	*******	163	1962
14N	100W	35	WY	SWEETWATER	211ERCS	5996	6186	6630	7114	6.82	2.60	0.01	162	1962
14N	101W	11	WY	SWEETWATER	211FXHL	3180	3240	7005	7511	112.00	102.90	0.25	72	1964
14N	101W	17	WY	SWEETWATER	211ALMD	2541	2563	7285	7538	******	******	*******	84	1965
14N	101W	17	WY	SWEETWATER	211LNCE	1454	1487	6812	7538	******	******	*******	75	1965
14N	101W	24	WY	SWEETWATER	211LWIS	6430	6572	8276	7850	******	******	*******	150	1954
14N	102W	9	WY	SWEETWATER	211RKSP	2254	2375	5337	7341	******	******	*******	77	1973
14N	102W	9	WY	SWEETWATER	211RKSP	2264	2355	5382	7341	******	******	*******	76	1973
14N	102W	28	WY	SWEETWATER	211ALMD	2006	2218	7526	7701	******	******	*******	100	1958
14N	102W	28	WY	SWEETWATER	211ALMD	2352	2406	7305	7701	6.00	4.14	0.01	100	1958
14N	102W	28	WY	SWEETWATER	211ERCS	3198	3243	8735	7701	******	******	*******	100	1958
14N	102W	28	WY	SWEETWATER	211RKSP	3700	3768	7076	7701	******	******	*******	100	1958
14N	103W	12	WY	SWEETWATER	210DKOT	7128	7140	9831	7731	0.34	0.17	0.00	131	1956
14N	103W	12	WY	SWEETWATER	211MVRD	3315	3340	7847	7731	******	******	*******	****	1956
14N	103W	30	WY	SWEETWATER	210DKOT	7874	7900	6468	7077	******	******	*******	150	1959
14N	104W	31	WY	SWEETWATER	211ALMD	3285	3355	7247	7478	******	******	*******	100	1957
14N	104W	31	WY	SWEETWATER	211RKSP	4041	4081	6978	7478	******	******	*******	****	1957
14N	104W	31	WY	SWEETWATER	211RKSP	4267	4317	7210	7478	******	******	*******	100	1957
14N	104W	31	WY	SWEETWATER	211RKSP	4313	4333	7276	7478	******	******	*******	100	1957
14N	104W	31	WY	SWEETWATER	211RKSP	4448	4488	7643	7478	******	******	*******	100	1957
14N	105W	7	WY	SWEETWATER	211RKSP	4892	4920	7199	7412	70.00	46.28	0.11	105	1958
14N	105W	7	WY	SWEETWATER	211RKSP	4895	5152	7248	7412	349.10	230.81	0.56	105	1958
14N	105W	8	WY	SWEETWATER	211ALMD	3790	3820	7423	7452	******	******	*******	110	1959
14N	105W	8	WY	SWEETWATER	211MVRD	3720	3810	7253	7452	******	******	*******	110	1959
14N	105W	8	WY	SWEETWATER	211RKSP	4854	4863	7092	7452	203.20	128.92	0.31	110	1959

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)		SHUT-IN	ALT. OF	PERMEABILITY (MILLIDARCYS	(MILLI-	HYDRAULIC CONDUCTIVITY	TEMPER-	TEST
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	HEAD(FEET)	M.P.	PER CENTIPOISE)	DARCYS)	(FT PER DAY)	ATURE	DATE
14N	105W	8	WY	SWEETWATER	211RKSP	4854	4866	7243	7452	******	******	*******	100	1959
14N	105W	8	WY	SWEETWATER	211RKSP	5116	5154	7028	7452	9.60	4.02	0.01	150	1959
14N	105W	8	WY	SWEETWATER	211RKSP	5895	5922	7512	7452	******	******	*******	110	1959
14N	105W	14	WY	SWEETWATER	211RKSP	3986	4127	7451	7147	******	******	*******	108	1959
14S	25E	8	UT	UINTAH	211CSLG	3194	3222	5760	6672	5.07	3.09	0.01	115	1962
14S	25E	8	UT	UINTAH	211EMRY	4220	4320	6959	6672	******	******	*******	129	1962
15N	89W	31	WY	CARBON	211MVRD	1592	1858	7099	7309	******	******	*******	****	1963
15N	91W	14	WY	CARBON	211MVRD	1804	1831	7193	6776	******	******	*******	****	1959
15N	91W	14	WY	CARBON	211STEL	2625	2663	7183	6776	******	******	*******	92	1959
15N	100W	6	WY	SWEETWATER	211ALMD	5780	5796	5552	6569	******	******	*******	130	1960
15N	100W	6	WY	SWEETWATER	211ERCS	6142	6228	6029	6569	******	******	*******	130	1960
15N	101W	31	WY	SWEETWATER	211MVRD	3700	3730	6851	7139	******	******	*******	100	1959
15N	101W	36	WY	SWEETWATER	211ALMD	4619	4705	7975	7470	******	******	*******	****	1960
15N	101W	36	WY	SWEETWATER	211ALMD	4655	4735	8168	7470	******	******	*******	****	1960
15N	101W	36	WY	SWEETWATER	211MVRD	6574	6640	7567	7458	******	******	*******	****	1960
15N	101W	36	WY	SWEETWATER	211MVRD	6630	6718	8595	7458	******	******	*******	148	1960
15N	101W	36	WY	SWEETWATER	211RKSP	6359	6490	6995	7458	******	******	*******	****	1960
15N	103W	7	WY	SWEETWATER	210DKOT	3896	3911	6264	7155	******	******	*******	****	1962
15N	103W	7	WY	SWEETWATER	211FRNR	3401	3510	6612	7155	******	******	*******	****	1962
15N	103W	8	WY	SWEETWATER	210DKOT	3874	3889	6557	7201	******	******	*******	****	1960
15N	103W	8	WY	SWEETWATER	210DKOT	3883	3947	6576	7201	******	******	*******	****	1960
15N	103W	8	WY	SWEETWATER	210DKOT	4100	4160	7203	7335	******	******	*******	100	1958
15N	103W	8	WY	SWEETWATER	210DKOT	4229	4256	6632	7335	******	******	*******	100	1958
15N	103W	8	WY	SWEETWATER	211FRNR	3610	3658	6638	7335	******	******	*******	100	1958
15N	103W	25	WY	SWEETWATER	210DKOT	5860	5920	6890	6948	2.20	1.00	0.00	141	1960
15N	103W	25	WY	SWEETWATER	211BLIR	2053	2081	7516	6948	******	******	*******	****	1960
15N	104W	7	WY	SWEETWATER	210DKOT	3717	3742	6471	7554	******	******	*******	100	1959
15N	104W	7	WY	SWEETWATER	210DKOT	3778	3805	6491	7554	194.70	134.36	0.33	100	1959
15N	104W	7	WY	SWEETWATER	210DKOT	3878	3930	6524	7552	******	******	*******	110	1958
15N	104W	7	WY	SWEETWATER	210DKOT	3967	3985	6561	7552	40.20	25.50	0.06	110	1958

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED (FEET) TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLIDARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
15N	104W	7	WY	SWEETWATER	211FRNR	3250	3273	6444	7554	95.50	65.90	0.16	100	1959
15N	104W	7	WY	SWEETWATER	211FRNR	3698	3722	6587	7554	******	******	*******	100	1959
15N	104W	8	WY	SWEETWATER	210DKOT	3732	3788	6415	7569	******	******	*******	100	1958
15N	104W	8	WY	SWEETWATER	210DKOT	3833	3890	7466	7569	******	******	*******	100	1958
15N	104W	8	WY	SWEETWATER	210DKOT	3855	3875	6474	7605	******	******	*******	110	1957
15N	104W	8	WY	SWEETWATER	210DKOT	3996	4032	6591	7605	******	******	*******	110	1957
15N	104W	11	WY	SWEETWATER	211FRNR	3599	3637	6469	7587	******	******	*******	****	1955
15N	104W	12	WY	SWEETWATER	210DKOT	4014	4066	6448	7368	******	******	*******	****	1971
15N	104W	15	WY	SWEETWATER	210DKOT	4533	4572	5959	7042	9.08	5.76	0.01	110	1961
15N	104W	16	WY	SWEETWATER	210DKOT	4110	4140	6534	7691	57.60	39.75	0.10	100	1959
15N	104W	16	WY	SWEETWATER	210DKOT	4225	4274	6624	7691	******	******	*******	100	1959
15N	104W	16	WY	SWEETWATER	210DKOT	4295	4350	6009	7691	******	******	*******	100	1959
15N	104W	16	WY	SWEETWATER	210DKOT	4655	4679	6590	7691	******	******	*******	100	1959
15N	104W	16	WY	SWEETWATER	210DKOT	5144	5186	6579	7691	******	******	*******	120	1959
15N	104W	26	WY	SWEETWATER	210DKOT	4847	4906	6388	7421	******	******	*******	****	1957
15N	104W	26	WY	SWEETWATER	210DKOT	4886	4934	6660	7421	******	******	*******	120	1957
15N	104W	26	WY	SWEETWATER	210DKOT	4915	4980	6762	7421	0.68	0.40	0.00	120	1957
15S	22E	36	UT	UINTAH	211MVRD	3734	3815	6297	7707	******	******	*******	100	1960
15S	23E	28	UT	UINTAH	211EMRY	7505	7575	7202	7801	******	******	*******	****	1960
15S	23E	28	UT	UINTAH	211MVRD	3541	3591	5936	7801	0.71	0.49	0.00	100	1960
15S	95W	16	CO	DELTA	210DKOT	1031	1086	4801	4834	******	******	*******	****	1956
16N	90W	9	WY	CARBON	211MVRD	2326	2340	7380	7621	44.60	29.49	0.07	105	1958
16N	90W	9	WY	CARBON	211MVRD	2328	2386	7400	7621	17.30	11.94	0.03	100	1958
16N	90W	9	WY	CARBON	211MVRD	2498	2510	7193	7621	78.00	53.83	0.13	100	1958
16N	90W	31	WY	CARBON	211MVRD	3182	3360	6139	7300	******	******	*******	96	1970
16N	91W	17	WY	CARBON	211CRCS	3002	3027	7210	6584	6.70	4.25	0.01	110	1971
16N	91W	17	WY	CARBON	211MVRD	3354	3367	6915	6695	906.10	556.73	1.35	114	1971
16N	91W	21	WY	CARBON	211STEL	4596	4632	7481	6735	******	******	*******	****	1961
16N	91W	22	WY	CARBON	211MNCS	3480	3688	7428	6728	******	******	*******	100	1962

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
16N	91W	22	WY	CARBON	211MVRD	1011	1067	7089	6728	******	******	*******	100	1962
16N	91W	22	WY	CARBON	211MVRD	2838	2862	7194	6728	******	******	*******	100	1962
16N	91W	22	WY	CARBON	211MVRD	2893	2935	7202	6728	110.40	76.18	0.19	100	1962
16N	92W	11	WY	CARBON	211MVRD	2390	2423	7099	6770	169.90	77.79	0.19	140	1970
16N	92W	12	WY	CARBON	211FRNR	8520	8555	7222	6654	******	******	*******	160	1960
16N	92W	12	WY	CARBON	211MVRD	2026	2039	6991	6654	21.40	14.77	0.04	100	1959
16N	92W	12	WY	CARBON	211MVRD	3288	3309	7192	6654	******	******	*******	****	1959
16N	92W	12	WY	CARBON	211MVRD	3312	3349	7116	6654	******	******	*******	****	1959
16N	92W	13	WY	CARBON	211MNCS	3939	3984	7206	6602	4.30	2.56	0.01	118	1960
16N	92W	13	WY	CARBON	211MVRD	3330	3360	7111	6602	******	******	*******	107	1960
16N	92W	17	WY	CARBON	211LNCE	4199	4244	6770	6554	******	******	*******	106	1959
16N	93W	13	WY	CARBON	211MVRD	9710	9796	4129	9796	******	******	*******	****	1960
16N	93W	22	WY	CARBON	211LNCE	6183	6191	6955	6546	0.53	0.26	0.00	134	1970
16N	102W	12	WY	SWEETWATER	211ALMD	1096	1116	6865	7278	******	******	*******	82	1960
16N	103W	16	WY	SWEETWATER	210DKOT	4216	4252	6018	7257	******	******	*******	104	1960
16N	103W	16	WY	SWEETWATER	211FRNR	3810	3849	6448	7257	******	******	*******	95	1960
16N	104W	24	WY	SWEETWATER	210DKOT	3683	3779	6562	7295	25.10	17.32	0.04	100	1959
16N	106W	12	WY	SWEETWATER	211ALMD	3024	3131	6658	7177	17.50	12.08	0.03	100	1961
16N	106W	12	WY	SWEETWATER	211RKSP	4295	4355	7023	7177	7.50	4.76	0.01	110	1961
16N	106W	12	WY	SWEETWATER	211RKSP	5051	5083	7295	7177	******	******	*******	120	1961
16N	106W	12	WY	SWEETWATER	211RKSP	5229	5300	6965	7177	7.10	4.16	0.01	120	1961
16N	113W	19	WY	UINTA	210DKOT	12928	13043	10538	6514	******	******	*******	214	1971
16N	115W	6	WY	UINTA	211MVRD	8838	8908	7877	6942	******	******	*******	143	1965
16S	7E	9	UT	EMERY	210DKOT	5308	5318	6242	7708	******	******	*******	****	1954
17N	84W	4	WY	CARBON	210DKOT	2770	2810	6972	6832	******	******	*******	98	1962
17N	84W	4	WY	CARBON	210DKOT	2770	2810	6522	6832	******	******	*******	98	1962
17N	90W	30	WY	CARBON	211MVRD	2732	2788	7170	7080	******	******	*******	****	1960

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
17N	98W	29	WY	SWEETWATER	211ERCS	9175	9550	7084	6950	******	******	*******	196	1975
17N	99W	1	WY	SWEETWATER	211ALMD	6566	6601	5949	6830	0.32	0.15	0.00	138	1972
17N	100W	19	WY	SWEETWATER	211ALMD	3070	3147	6934	7000	4.00	2.76	0.01	100	1963
17N	100W	19	WY	SWEETWATER	211BLIR	6667	6780	7010	6989	******	******	*******	135	1963
17S	22E	23	UT	GRAND	211CSLG	3269	3306	5075	6436	******	******	*******	100	1959
17S	22E	25	UT	GRAND	211CSLG	2852	2947	5081	6417	******	******	*******	100	1960
17S	23E	13	UT	GRAND	210DKOT	4442	4462	4154	5690	******	******	*******	****	1957
17S	24E	18	UT	GRAND	211CSLG	648	688	5495	5647	******	******	*******	****	1957
17S	25E	18	UT	GRAND	210DKOT	3868	3930	4359	5450	******	******	*******	****	1954
17S	25E	22	UT	GRAND	210DKOT	2958	3251	3266	5292	******	******	*******	****	1955
18N	77W	18	WY	CARBON	217MDDY	4946	5010	5566	7772	******	******	*******	114	1963
18N	77W	19	WY	CARBON	210DKOT	4778	4803	5235	7621	******	******	*******	114	1963
18N	89W	2	WY	CARBON	217MDDY	3202	3234	7503	7577	******	******	*******	****	1956
18N	90W	11	WY	CARBON	211FRNR	7525	7575	7489	7551	******	******	*******	****	1971
18N	91W	28	WY	CARBON	211LWIS	5010	5156	7142	7153	******	******	*******	103	1960
18N	91W	28	WY	CARBON	211MVRD	7366	7381	7368	7153	******	******	*******	150	1960
18N	92W	12	WY	CARBON	211MVRD	8078	8278	7059	7180	******	******	*******	130	1972
18N	98W	8	WY	SWEETWATER	211ALMD	6664	6689	6436	7150	******	******	*******	150	1960
18N	98W	8	WY	SWEETWATER	211ALMD	6670	6695	6024	7150	0.13	0.05	0.00	150	1960
18N	98W	28	WY	SWEETWATER	211ALMD	6518	6545	6486	6891	******	******	*******	****	1954
18N	98W	32	WY	SWEETWATER	211ALMD	6649	6684	4267	6887	******	******	*******	150	1967
18N	98W	32	WY	SWEETWATER	211LWIS	5947	5997	6653	6887	******	******	*******	135	1967
18N	99W	1	WY	SWEETWATER	211ALMD	5176	5200	5986	6743	******	******	*******	130	1959
18N	99W	3	WY	SWEETWATER	211ALMD	4315	4325	6311	6780	******	******	*******	106	1960
18N	99W	11	WY	SWEETWATER	211ALMD	5062	5122	6310	6723	******	******	*******	122	1959

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED (FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
18N	99W	11	WY	SWEETWATER	211ERCS	5322	5347	6881	6723	******	******	*******	120	1959
18N	99W	13	WY	SWEETWATER	211ALMD	5440	5493	6212	6773	0.36	0.21	0.00	121	1959
18N	99W	18	WY	SWEETWATER	211LNCE	1975	2360	6651	6768	******	******	*******	80	1973
18N	99W	26	WY	SWEETWATER	211LWIS	4999	5010	4920	6747	******	******	*******	114	1973
18N	99W	26	WY	SWEETWATER	211LWIS	5040	5107	6089	6747	******	******	*******	114	1973
18N	99W	28	WY	SWEETWATER	211LNCE	3198	3213	6944	6739	******	******	*******	****	1973
18N	99W	31	WY	SWEETWATER	211ALMD	4266	4282	6832	6771	******	******	*******	****	1974
18N	100W	8	WY	SWEETWATER	211RKSP	2635	2644	6830	6639	******	******	*******	82	1962
18N	100W	8	WY	SWEETWATER	211RKSP	2950	2960	6937	6639	******	******	*******	89	1962
18N	101W	28	WY	SWEETWATER	210DKOT	7308	7378	6707	7233	509.90	213.53	0.52	150	1963
18N	101W	28	WY	SWEETWATER	210DKOT	7386	7512	6637	7233	******	******	*******	145	1963
18N	101W	28	WY	SWEETWATER	211FRNR	6843	6867	6526	7233	******	******	*******	135	1963
18N	102W	10	WY	SWEETWATER	210DKOT	5828	5849	5172	7345	******	******	*******	112	1960
18N	102W	10	WY	SWEETWATER	210DKOT	5854	6010	6577	7345	24.90	14.38	0.03	121	1960
18N	102W	10	WY	SWEETWATER	211FRNR	5258	5344	8258	7345	******	******	*******	106	1960
18N	110W	26	WY	SWEETWATER	211MVRD	9080	9126	6626	6336	3.50	1.26	0.00	170	1961
18N	110W	27	WY	SWEETWATER	211MVRD	8982	9060	6836	6284	4.00	2.09	0.01	128	1962
18N	110W	32	WY	SWEETWATER	211ERCS	9015	9038	6992	6343	******	******	*******	190	1972
18N	111W	26	WY	SWEETWATER	211MVRD	2249	10250	6690	6415	******	******	*******	****	1967
18N	113W	11	WY	UINTA	211ERCS	7707	7790	7325	6353	3.70	2.07	0.01	123	1973
18S	24E	10	UT	GRAND	210DKOT	2292	2341	4610	4951	******	******	*******	100	1959
18S	25E	20	UT	GRAND	210DKOT	1428	1448	4487	5006	******	******	*******	****	1955
19N	77W	30	WY	CARBON	210DKOT	7196	7216	6902	7429	******	******	*******	****	1958
19N	78W	11	WY	CARBON	217MDDY	3059	3092	4768	7285	******	******	*******	****	1957
19N	83W	6	WY	CARBON	211NBRR	3040	3119	8003	6926	******	******	*******	****	1959
19N	87W	12	WY	CARBON	210DKOT	5492	5512	7673	7377	23.00	10.96	0.03	136	1960
19N	87W	12	WY	CARBON	211CODY	3005	3062	6894	7377	******	******	*******	100	1960

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
19N	90W	16	WY	CARBON	211ERCS	6965	7050	7047	6698	******	******	*******	150	1977
19N	92W	20	WY	CARBON	211LNCE	6070	6099	7459	7177	******	******	*******	****	1960
19N	92W	26	WY	CARBON	211ALMD	8537	8627	8511	7131	******	******	*******	****	1959
19N	92W	26	WY	CARBON	211MVRD	10300	10397	9865	7131	******	******	*******	****	1959
19N	92W	32	WY	CARBON	211LNCE	5684	5718	7309	7277	******	******	*******	****	1956
19N	92W	32	WY	CARBON	211LNCE	6184	6233	6989	7277	******	******	*******	****	1956
19N	94W	1	WY	SWEETWATER	211MVRD	9955	10067	10353	6937	******	******	*******	****	1958
19N	94W	1	WY	SWEETWATER	211MVRD	11580	11800	8839	6937	******	******	*******	****	1958
19N	97W	9	WY	SWEETWATER	211ALMD	6906	7005	7132	6900	******	******	*******	147	1969
19N	97W	9	WY	SWEETWATER	211ERCS	7369	7405	6831	6900	1.40	0.51	0.00	170	1969
19N	98W	28	WY	SWEETWATER	211ERCS	6129	6144	7194	6746	******	******	*******	****	1960
19N	98W	30	WY	SWEETWATER	211ALMD	5124	5201	5981	6740	******	******	*******	116	1960
19N	98W	34	WY	SWEETWATER	211ALMD	6508	6875	7222	6910	******	******	*******	****	1958
19N	98W	34	WY	SWEETWATER	211ALMD	6612	6640	6601	6910	******	******	*******	****	1959
19N	100W	2	WY	SWEETWATER	211ALMD	2696	2706	6252	7023	******	******	*******	100	1961
19N	100W	16	WY	SWEETWATER	211ALMD	1400	1454	6547	6769	******	******	*******	82	1963
19N	100W	22	WY	SWEETWATER	211ALMD	1470	1490	6630	6947	******	******	*******	****	1963
19N	100W	22	WY	SWEETWATER	211ALMD	1552	1568	6595	6947	******	******	*******	73	1963
19N	100W	22	WY	SWEETWATER	211ALMD	1575	1595	6533	6947	******	******	*******	82	1963
19N	101W	12	WY	SWEETWATER	211BLIR	2655	2685	6580	6596	11.70	10.37	0.03	75	1963
19N	101W	12	WY	SWEETWATER	211BLIR	2731	2786	6617	6596	******	******	*******	71	1963
19N	101W	12	WY	SWEETWATER	211BLIR	2790	2820	6535	6596	******	******	*******	76	1963
19N	102W	18	WY	SWEETWATER	210DKOT	4346	4384	6592	6572	******	******	*******	110	1960
19N	102W	19	WY	SWEETWATER	210DKOT	4225	4276	6511	6477	******	******	*******	100	1960
19N	102W	19	WY	SWEETWATER	210DKOT	4281	4330	6501	6477	321.70	252.96	0.62	86	1960
19N	102W	19	WY	SWEETWATER	211FRNR	3660	3750	6885	6477	******	******	*******	112	1960
19N	102W	28	WY	SWEETWATER	210DKOT	4820	4840	6605	6591	******	******	*******	132	1959
19N	102W	29	WY	SWEETWATER	210DKOT	4145	4190	6576	6530	155.50	93.32	0.23	117	1960
19N	102W	29	WY	SWEETWATER	211FRNR	3605	3686	7009	6530	******	******	*******	108	1960

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
19N	102W	30	WY	SWEETWATER	210DKOT	3812	3850	6590	6499	28.10	17.00	0.04	116	1965
19N	103W	30	WY	SWEETWATER	217ASPN	2782	2883	6594	6643	******	******	*******	****	1955
19N	105W	19	WY	SWEETWATER	211RKSP	8287	8380	7342	7570	******	******	*******	142	1971
19N	113W	25	WY	LINCOLN	211ERCS	7483	7551	6983	6363	31.80	11.80	0.03	166	1963
19N	113W	25	WY	LINCOLN	211FRNR	11346	11408	10540	6330	******	******	*******	212	1963
19S	23E	26	UT	GRAND	210DKOT	2360	2396	4457	4872	******	******	*******	125	1972
20N	78W	24	WY	CARBON	210DKOT	5325	5343	7312	7085	******	******	*******	****	1957
20N	78W	24	WY	CARBON	210DKOT	5369	5402	6904	7085	******	******	*******	****	1957
20N	78W	24	WY	CARBON	210DKOT	5400	5417	6541	7085	******	******	*******	****	1957
20N	79W	2	WY	CARBON	217MDDY	5550	5575	7165	7200	******	******	*******	145	1968
20N	79W	2	WY	CARBON	217MDDY	5639	5648	7288	7144	******	******	*******	****	1957
20N	79W	22	WY	CARBON	210DKOT	7000	7015	7889	7061	******	******	*******	155	1965
20N	80W	23	WY	CARBON	210DKOT	6002	6054	7935	7249	******	******	*******	****	1957
20N	80W	23	WY	CARBON	217MDDY	5836	5867	7808	7249	******	******	*******	****	1957
20N	88W	13	WY	CARBON	211NBRR	3205	3314	7242	7275	******	******	*******	****	1970
20N	89W	20	WY	CARBON	211MVRD	4344	4372	7315	7056	******	******	*******	****	1975
20N	95W	12	WY	SWEETWATER	211ALMD	9699	9730	10896	6773	******	******	*******	****	1957
20N	96W	32	WY	SWEETWATER	211ALMD	8443	8507	7449	6643	******	******	*******	****	1959
20N	96W	32	WY	SWEETWATER	211ERCS	8870	9000	8316	6643	******	******	*******	****	1959
20N	97W	36	WY	SWEETWATER	211LWIS	7398	7538	2745	6954	******	******	*******	145	1972
20N	98W	3	WY	SWEETWATER	211MVRD	6061	6101	6189	6061	******	******	*******	****	1958
20N	98W	4	WY	SWEETWATER	211ALMD	5752	5878	5975	6714	******	******	*******	****	1958
20N	98W	8	WY	SWEETWATER	211ALMD	5504	5559	6390	6817	******	******	*******	****	1958
20N	98W	22	WY	SWEETWATER	211MVRD	5898	5977	6313	6769	******	******	*******	122	1959
20N	99W	11	WY	SWEETWATER	211ALMD	4575	4610	6532	6882	4.60	2.74	0.01	118	1962

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
20N	99W	11	WY	SWEETWATER	211ALMD	4622	4640	6471	6916	******	******	*******	****	1970
20N	99W	24	WY	SWEETWATER	211ALMD	4970	4982	6946	6955	******	******	*******	****	1960
20N	99W	28	WY	SWEETWATER	211MVRD	3611	3632	7263	7077	******	******	*******	100	1959
20N	99W	29	WY	SWEETWATER	211ALMD	3429	3462	6623	7085	******	******	*******	****	1959
20N	99W	31	WY	SWEETWATER	211LNCE	1446	1454	6569	6998	******	******	*******	74	1962
20N	99W	31	WY	SWEETWATER	211LNCE	1466	1474	6556	6998	******	******	*******	74	1962
20N	100W	22	WY	SWEETWATER	211ALMD	1648	1740	6798	6750	******	******	*******	80	1960
20N	100W	22	WY	SWEETWATER	211BLIR	5186	5237	6761	6750	2.60	1.52	0.00	120	1960
20N	100W	30	WY	SWEETWATER	211BLIR	3516	3530	7031	6550	******	******	*******	89	1962
20N	100W	30	WY	SWEETWATER	211BLIR	3516	3530	6713	6550	******	******	*******	89	1962
20N	101W	24	WY	SWEETWATER	211BLIR	3574	3639	6675	6714	6.10	4.80	0.01	86	1963
20N	101W	24	WY	SWEETWATER	211BLIR	3574	3639	6666	6714	******	******	*******	86	1963
20N	101W	24	WY	SWEETWATER	211RKSP	2919	2929	6554	6714	******	******	*******	80	1963
20N	101W	24	WY	SWEETWATER	211RKSP	3028	3038	6525	6714	******	******	*******	80	1963
20N	102W	23	WY	SWEETWATER	211MVRD	533	568	6452	6576	******	******	*******	76	1966
20N	103W	32	WY	SWEETWATER	211FRNR	2995	3040	7028	6380	******	******	*******	146	1971
20N	104W	12	WY	SWEETWATER	210DKOT	3923	3951	6450	6465	79.50	43.85	0.11	124	1969
20N	104W	23	WY	SWEETWATER	210DKOT	3461	3488	6738	6415	******	******	*******	100	1956
20N	104W	23	WY	SWEETWATER	210DKOT	3490	3527	6644	6415	******	******	*******	100	1956
20N	104W	23	WY	SWEETWATER	211FRNR	2909	2937	6417	6415	19.40	13.39	0.03	100	1956
20N	104W	24	WY	SWEETWATER	210DKOT	3547	3556	6740	6459	******	******	*******	100	1956
20N	104W	24	WY	SWEETWATER	210DKOT	3557	3650	6563	6459	******	******	*******	100	1956
20N	104W	24	WY	SWEETWATER	210DKOT	3647	3695	6554	6459	1.70	1.17	0.00	100	1956
20N	104W	24	WY	SWEETWATER	211FRNR	3007	3091	6336	6459	3.40	2.35	0.01	100	1956
20N	104W	24	WY	SWEETWATER	211FRNR	3118	3091	5441	6459	******	******	*******	****	1956
20N	104W	26	WY	SWEETWATER	210DKOT	3300	3339	5911	6454	******	******	*******	150	1956
20N	104W	26	WY	SWEETWATER	210DKOT	3462	3568	6216	6467	2.60	1.79	0.00	100	1956
20N	104W	26	WY	SWEETWATER	211FRNR	2680	2754	6525	6454	******	******	*******	100	1956
20S	4E	20	UT	SAN PETE	211FRRN	8670	8764	9362	10047	******	******	*******	160	1961
20S	7E	14	UT	EMERY	211FRRN	664	794	5920	5830	******	******	*******	****	1957

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
20S	7E	34	UT	EMERY	211FRRN	1005	1070	6073	6216	******	******	*******	****	1958
20S	7E	34	UT	EMERY	211FRRN	1087	1177	6084	6216	******	******	*******	****	1958
20S	21E	4	UT	GRAND	210DKOT	3269	3350	4800	5977	******	******	*******	133	1972
21N	78W	17	WY	CARBON	210DKOT	5788	5811	6820	6906	******	******	*******	****	1952
21N	97W	18	WY	SWEETWATER	211LWIS	5877	5918	6265	6857	******	******	*******	144	1967
21N	98W	8	WY	SWEETWATER	211LWIS	5143	5173	6854	6818	******	******	*******	125	1966
21N	98W	19	WY	SWEETWATER	211LWIS	4271	4288	6724	7062	******	******	*******	100	1961
21N	98W	26	WY	SWEETWATER	211ALMD	5900	5960	6293	6810	******	******	*******	132	1957
21N	98W	26	WY	SWEETWATER	211ERCS	6201	6259	6616	6810	2.90	1.35	0.00	138	1957
21N	98W	26	WY	SWEETWATER	211LWIS	5182	5217	7152	6810	******	******	*******	110	1957
21N	98W	35	WY	SWEETWATER	211LWIS	5079	5105	7045	6771	******	******	*******	105	1958
21N	98W	35	WY	SWEETWATER	211MVRD	5805	5860	5976	6771	******	******	*******	127	1958
21N	98W	35	WY	SWEETWATER	211MVRD	6100	6115	6838	6771	7.55	3.39	0.01	142	1958
21N	98W	36	WY	SWEETWATER	211MVRD	5928	5959	6066	6789	******	******	*******	130	1958
21N	98W	36	WY	SWEETWATER	211MVRD	5959	6018	6265	6789	0.65	0.30	0.00	138	1958
21N	99W	23	WY	SWEETWATER	211LWIS	3617	3662	6787	7113	******	******	*******	95	1969
21N	100W	13	WY	SWEETWATER	211ALMD	3595	3624	6716	7234	******	******	*******	****	1972
21N	100W	36	WY	SWEETWATER	211ERCS	2938	2960	6610	7066	******	******	*******	150	1961
21N	101W	4	WY	SWEETWATER	211ERCS	1984	2002	6719	6999	197.00	178.77	0.43	73	1960
21S	6E	16	UT	EMERY	210DKOT	4386	4421	6025	6530	10.10	6.01	0.01	118	1967
22N	86W	26	WY	CARBON	211FRNR	2220	2269	6411	6523	******	******	*******	****	1961
22N	87W	12	WY	CARBON	211NBRR	570	696	6537	6602	******	******	*******	****	1978
22N	87W	12	WY	CARBON	211NBRR	1543	1583	6961	6602	******	******	*******	****	1978
22N	92W	32	WY	SWEETWATER	211ERCS	12160	12330	11312	6846	151.50	37.99	0.09	236	1972
22N	93W	36	WY	SWEETWATER	211MVRD	12067	12390	11703	6773	******	******	*******	208	1972
22N	96W	28	WY	SWEETWATER	211LNCE	6030	6050	6892	6591	******	******	*******	142	1962

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
22N	98W	3	WY	SWEETWATER	211MVRD	7926	7941	6767	6661	******	******	*******	180	1959
22N	98W	8	WY	SWEETWATER	211ALMD	6584	6755	4219	6629	******	******	*******	140	1970
22N	98W	30	WY	SWEETWATER	211ALMD	5887	5928	6621	6685	******	******	*******	****	1962
22N	100W	16	WY	SWEETWATER	211ALMD	3714	3745	6823	6833	******	******	*******	100	1961
22N	100W	16	WY	SWEETWATER	211LNCE	2214	2229	6893	6833	******	******	*******	100	1961
22N	100W	24	WY	SWEETWATER	211ERCS	4796	4854	7436	6905	******	******	*******	120	1959
22N	100W	32	WY	SWEETWATER	211RKSP	5393	5445	7212	7031	******	******	*******	113	1970
22N	101W	35	WY	SWEETWATER	211ALMD	2100	2120	6834	7068	72.80	60.95	0.15	80	1964
22N	103W	16	WY	SWEETWATER	211BLIR	4023	4038	6774	7110	14.50	9.20	0.02	110	1962
23N	78W	6	WY	CARBON	217MDDY	2615	2730	6435	6723	******	******	*******	****	1956
23N	85W	22	WY	CARBON	210CRCS	4448	4460	6535	6717	******	******	*******	****	1963
23N	85W	22	WY	CARBON	211MVRD	4736	4754	6575	6717	******	******	*******	****	1963
23N	86W	16	WY	CARBON	210DKOT	7120	7185	6388	7570	******	******	*******	****	1975
23N	88W	6	WY	CARBON	210DKOT	1884	1913	6758	6513	******	******	*******	****	1974
23N	88W	18	WY	CARBON	210DKOT	2592	2648	8208	6689	******	******	*******	****	1960
23N	98W	12	WY	SWEETWATER	211LWIS	9010	9097	7071	6588	******	******	*******	190	1958
23N	101W	4	WY	SWEETWATER	211ALMD	4963	5018	6644	7189	******	******	*******	120	1959
23N	101W	30	WY	SWEETWATER	211ERCS	2852	2869	6811	6911	22.70	15.66	0.04	100	1960
23N	106W	33	WY	SWEETWATER	211LNCE	6512	6575	6972	6747	******	******	*******	130	1964
24N	87W	1	WY	CARBON	210DKOT	4370	4390	6296	6776	******	******	*******	****	1959
24N	87W	1	WY	CARBON	211FRNR	3216	3259	5246	6776	******	******	*******	****	1959
24N	87W	6	WY	CARBON	210DKOT	3795	3845	5990	6631	******	******	*******	****	1957
24N	87W	6	WY	CARBON	211FRNR	2512	2542	6712	6631	******	******	*******	****	1957
24N	87W	7	WY	CARBON	210DKOT	2964	3004	5581	6225	******	******	*******	****	1964

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
24N	87W	7	WY	CARBON	210DKOT	3028	3071	6008	6225	******	******	*******	****	1964
24N	87W	7	WY	CARBON	211FRNR	1760	1780	6141	6625	******	******	*******	****	1964
24N	87W	7	WY	CARBON	211FRNR	1844	1894	6526	6625	******	******	*******	****	1964
24N	88W	32	WY	CARBON	210DKOT	1956	1987	6900	6514	******	******	*******	****	1959
24N	100W	2	WY	SWEETWATER	211ALMD	8647	8691	6087	7076	******	******	*******	160	1962
24N	101W	31	WY	SWEETWATER	211LNCE	3643	3680	6949	7473	2.33	1.70	0.00	94	1964
24N	101W	31	WY	SWEETWATER	211LNCE	3755	3838	6960	7473	******	******	*******	96	1964
24N	101W	31	WY	SWEETWATER	211LNCE	4722	4866	7084	7473	******	******	*******	110	1964
24N	104W	24	WY	SWEETWATER	211LWIS	1192	1224	7195	7043	49.90	47.03	0.11	70	1963
24N	104W	24	WY	SWEETWATER	211RKSP	3395	3415	6979	7043	******	******	*******	98	1963
24N	113W	11	WY	LINCOLN	210DKOT	11260	11400	9276	6863	******	******	*******	190	1954
25N	86W	32	WY	CARBON	210DKOT	4617	4672	6619	6851	******	******	*******	****	1957
25N	86W	32	WY	CARBON	210DKOT	4674	4709	6524	6851	******	******	*******	****	1957
25N	86W	34	WY	CARBON	210DKOT	5003	5048	6682	7039	******	******	*******	****	1958
25N	86W	35	WY	CARBON	210DKOT	5637	5733	6741	7208	******	******	*******	****	1958
25N	88W	2	WY	CARBON	210DKOT	3056	3077	5908	6813	******	******	*******	****	1958
25N	88W	3	WY	CARBON	210DKOT	2781	2831	5609	6820	******	******	*******	****	1958
25N	88W	3	WY	CARBON	211FRNR	1692	1705	6465	6784	******	******	*******	****	1961
25N	88W	31	WY	CARBON	211FRNR	2103	2163	6619	6486	******	******	*******	****	1966
25N	88W	32	WY	CARBON	210DKOT	2989	3038	5991	6496	******	******	*******	****	1959
25N	88W	32	WY	CARBON	210DKOT	3048	3068	7961	6496	******	******	*******	****	1959
25N	89W	9	WY	CARBON	211FRNR	5129	5169	6466	6563	******	******	*******	****	1967
25N	112W	14	WY	LINCOLN	211FRNR	8606	8668	3050	6872	******	******	*******	150	1959
25N	113W	3	WY	LINCOLN	211MVRD	4058	4107	7322	7060	******	******	*******	****	1962
25S	4E	8	UT	SEVIER	211FRRN	2646	2686	7437	8939	******	******	*******	100	1963
26N	89W	17	WY	CARBON	211FRNR	3670	3720	6509	6649	******	******	*******	****	1969
26N	89W	25	WY	CARBON	211FRNR	2300	2360	6595	6602	******	******	*******	****	1959

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
26N	90W	11	WY	SWEETWATER	211FRNR	1778	1820	6396	6837	******	******	*******	85	1968
26N	90W	11	WY	SWEETWATER	217MDDY	3620	3663	4824	6837	2.50	1.47	0.00	120	1968
26N	90W	11	WY	SWEETWATER	217MDDY	3830	3880	5671	6837	******	******	*******	120	1968
26N	90W	14	WY	SWEETWATER	210DKOT	5020	5045	5178	6881	******	******	*******	150	1957
26N	90W	14	WY	SWEETWATER	210DKOT	5065	5095	5177	6881	******	******	*******	150	1957
26N	90W	14	WY	SWEETWATER	211FRNR	3016	3052	6280	6881	******	******	*******	100	1957
26N	90W	14	WY	SWEETWATER	217MDDY	4879	4896	4457	6881	7.30	3.06	0.01	150	1957
26N	94W	10	WY	SWEETWATER	211MVRD	4766	4808	7160	6880	******	******	*******	122	1963
26N	94W	17	WY	SWEETWATER	210DKOT	9513	9525	7112	6817	******	******	*******	250	1956
26N	94W	17	WY	SWEETWATER	211STEL	5593	5792	6828	6817	64.60	27.05	0.07	150	1956
26N	110W	22	WY	SWEETWATER	211MVRD	6065	6138	7004	7086	******	******	*******	141	1959
26N	112W	4	WY	LINCOLN	211HLRD	3747	3801	6984	7312	27.60	16.18	0.04	120	1957
26N	113W	5	WY	LINCOLN	210DKOT	8326	8450	10371	7399	******	******	*******	165	1968
26N	113W	17	WY	LINCOLN	217MDDY	8085	8184	9091	7077	******	******	*******	160	1967
26N	113W	21	WY	LINCOLN	211MVRD	2094	2133	6872	6812	******	******	*******	96	1964
27N	89W	32	WY	CARBON	210DKOT	6451	6508	6320	6992	******	******	*******	****	1957
27N	89W	32	WY	CARBON	211CODY	2306	2368	6454	6840	******	******	*******	****	1963
27N	89W	32	WY	CARBON	211MVRD	1656	1696	944	6992	******	******	*******	****	1957
27N	90W	28	WY	FREMONT	210DKOT	8640	8667	5884	7456	******	******	*******	****	1956
27N	91W	34	WY	FREMONT	211LNCE	5030	5057	7082	7661	7.10	4.16	0.01	120	1962
27N	91W	34	WY	FREMONT	211LNCE	6420	6472	7139	7661	******	******	*******	140	1962
27N	91W	34	WY	FREMONT	211LNCE	6716	6759	7738	7661	******	******	*******	148	1962
27N	91W	34	WY	FREMONT	211MVRD	7495	7548	1339	7661	******	******	*******	****	1962
27N	95W	8	WY	FREMONT	210DKOT	1110	1135	6849	7050	******	******	*******	75	1972
27N	95W	8	WY	FREMONT	210DKOT	1441	1500	6698	7092	******	******	*******	****	1962
27N	95W	8	WY	FREMONT	217MDDY	895	922	6856	7050	******	******	*******	75	1972

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
27N	95W	8	WY	FREMONT	217MDDY	1235	1292	6835	7153	******	******	*******	72	1969
27N	95W	18	WY	FREMONT	210DKOT	1051	1074	6862	7148	******	******	*******	****	1956
27N	95W	18	WY	FREMONT	210DKOT	1070	1110	6831	7148	******	******	*******	****	1956
27N	95W	27	WY	FREMONT	210CRCS	762	835	6942	7170	******	******	*******	65	1956
27N	95W	27	WY	FREMONT	211CODY	1186	1217	6944	7170	******	******	*******	100	1957
27N	95W	27	WY	FREMONT	211FRNR	4398	4510	6551	7170	3.10	1.62	0.00	128	1957
27N	95W	29	WY	FREMONT	211FRNR	2667	2738	6274	7409	******	******	*******	94	1957
27N	97W	24	WY	FREMONT	211FRNR	2262	2286	7066	7039	******	******	*******	****	1959
27N	107W	7	WY	SUBLETTE	211MVRD	5433	5593	7047	6791	******	******	*******	130	1965
27N	110W	30	WY	SUBLETTE	211MVRD	6202	6264	6926	7211	1.84	0.86	0.00	138	1969
27N	111W	7	WY	SUBLETTE	211MVRD	4384	4444	7110	6922	******	******	*******	111	1964
27N	111W	7	WY	SUBLETTE	211MVRD	4512	4569	7181	6922	0.38	0.23	0.00	115	1964
27N	111W	12	WY	SUBLETTE	211MVRD	5567	5603	7199	7260	******	******	*******	119	1960
27N	111W	20	WY	SUBLETTE	211MVRD	4712	4730	7082	7257	0.24	0.17	0.00	95	1965
27N	112W	15	WY	SUBLETTE	211FRNR	7667	7727	8229	6834	******	******	*******	****	1959
27N	112W	15	WY	SUBLETTE	211LNCE	2810	2854	6956	6834	******	******	*******	88	1959
27N	112W	16	WY	SUBLETTE	211FRNR	7162	7205	9177	6628	******	******	*******	158	1959
27N	112W	19	WY	SUBLETTE	211FRNR	6798	6840	9250	6675	******	******	*******	180	1958
27N	112W	20	WY	SUBLETTE	211MVRD	2732	2837	7105	6622	******	******	*******	83	1961
27N	112W	21	WY	SUBLETTE	211FRNR	7084	7160	8844	6604	******	******	*******	148	1958
27N	112W	21	WY	SUBLETTE	211FRNR	7360	7420	9239	6604	******	******	*******	154	1958
27N	112W	25	WY	SUBLETTE	211MVRD	4115	4178	7102	6900	******	******	*******	108	1967
27N	112W	28	WY	SUBLETTE	211LNCE	1656	1776	6941	6652	******	******	*******	100	1958
27N	112W	29	WY	SUBLETTE	211FRNR	7002	7086	8349	6589	******	******	*******	149	1959
27N	113W	4	WY	SUBLETTE	211MVRD	2670	2820	7879	8073	******	******	*******	****	1958
27N	113W	5	WY	SUBLETTE	211FRNR	6957	7012	9719	7608	******	******	*******	139	1957

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
27N	113W	14	WY	SUBLETTE	217BRRV	7522	7581	9531	7030	******	******	*******	150	1957
27N	113W	18	WY	SUBLETTE	211FRNR	6023	6212	8220	8762	******	******	*******	106	1958
27N	113W	30	WY	SUBLETTE	211FRNR	7030	7200	9182	8388	******	******	*******	131	1959
27N	113W	31	WY	SUBLETTE	210DKOT	8345	8386	9502	7765	0.17	0.07	0.00	160	1968
27N	113W	33	WY	SUBLETTE	211FRNR	6870	6974	9290	6918	******	******	*******	142	1960
27N	113W	33	WY	SUBLETTE	217MDDY	7671	7741	10090	6918	******	******	*******	159	1960
27N	114W	3	WY	SUBLETTE	211FRNR	6471	6642	8558	8078	******	******	*******	128	1961
27N	114W	4	WY	SUBLETTE	211FRNR	7016	7054	8964	8546	11.20	5.71	0.01	130	1963
27N	114W	4	WY	SUBLETTE	211FRNR	7311	7395	9062	9010	0.01	0.00	0.00	140	1972
27N	114W	5	WY	SUBLETTE	211FRNR	7976	8090	8226	9421	16.70	8.84	0.02	127	1963
27N	114W	10	WY	SUBLETTE	211FRNR	6246	6384	7544	8389	******	******	*******	150	1959
27N	114W	10	WY	SUBLETTE	211FRNR	6961	7060	8242	8389	******	******	*******	115	1959
27N	114W	11	WY	SUBLETTE	211FRNR	6065	6150	7066	7761	3.74	1.91	0.00	130	1959
27N	114W	12	WY	SUBLETTE	211FRNR	5360	5550	7255	8225	79.50	50.44	0.12	110	1960
27N	114W	16	WY	SUBLETTE	211FRNR	7225	7339	7864	9062	******	******	*******	117	1963
27N	114W	24	WY	SUBLETTE	211FRNR	6045	6320	7344	8486	******	******	*******	117	1961
28N	92W	6	WY	FREMONT	210DKOT	3317	3344	5936	6585	19.30	13.09	0.03	102	1963
28N	92W	7	WY	FREMONT	217MDDY	3185	3213	4823	6610	27.80	19.18	0.05	100	1954
28N	92W	7	WY	FREMONT	217MDDY	3284	3302	5100	6610	49.90	34.43	0.08	100	1954
28N	92W	8	WY	FREMONT	210DKOT	5907	5932	6278	6484	444.00	185.93	0.45	150	1954
28N	92W	8	WY	FREMONT	210DKOT	5997	6045	6211	6484	4.90	2.05	0.00	150	1954
28N	92W	8	WY	FREMONT	211FRNR	4620	4655	5749	6484	******	******	*******	100	1954
28N	92W	8	WY	FREMONT	217MDDY	5745	5790	5583	6484	******	******	*******	150	1954
28N	92W	21	WY	FREMONT	210DKOT	9376	9416	5735	7721	******	******	*******	196	1959
28N	93W	3	WY	FREMONT	211FRNR	3229	3279	6395	7026	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	210DKOT	4357	4387	5873	7029	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	210DKOT	4420	4449	5556	7029	******	******	*******	****	1954

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
28N	93W	4	WY	FREMONT	210DKOT	4465	4511	5699	7029	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	210DKOT	4620	4642	5295	7026	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	211FRNR	1869	1900	7107	7029	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	217MDDY	4308	4320	6350	7036	******	******	*******	100	1953
28N	93W	8	WY	FREMONT	210DKOT	4781	4834	4985	7389	******	******	*******	****	1954
28N	93W	8	WY	FREMONT	210DKOT	4838	4878	5208	7358	******	******	*******	****	1954
28N	93W	8	WY	FREMONT	210DKOT	4840	4842	5150	7358	******	******	*******	****	1954
28N	93W	8	WY	FREMONT	210DKOT	4842	4857	6453	7249	******	******	*******	120	1952
28N	93W	8	WY	FREMONT	210DKOT	4853	4900	5204	7389	******	******	*******	****	1955
28N	93W	8	WY	FREMONT	210DKOT	4885	4900	5484	7389	******	******	*******	120	1955
28N	93W	8	WY	FREMONT	210DKOT	4888	4917	5592	7358	******	******	*******	****	1954
28N	93W	8	WY	FREMONT	210DKOT	4900	4912	5488	7389	******	******	*******	120	1955
28N	93W	8	WY	FREMONT	211FRNR	3935	3992	5849	7389	******	******	*******	****	1955
28N	93W	8	WY	FREMONT	211FRNR	3954	4004	5803	7358	******	******	*******	110	1954
28N	93W	8	WY	FREMONT	211FRNR	4113	4150	6130	7358	******	******	*******	110	1954
28N	93W	8	WY	FREMONT	211FRNR	4226	4242	4770	7358	******	******	*******	****	1954
28N	93W	9	WY	FREMONT	211FRNR	3617	3640	6107	7269	******	******	*******	100	1953
28N	93W	9	WY	FREMONT	211FRNR	3640	3690	6275	7269	******	******	*******	100	1953
28N	93W	13	WY	FREMONT	221FRNR	3515	3550	6193	6609	******	******	*******	****	1955
28N	93W	21	WY	FREMONT	221FRNR	5220	5240	6412	8064	******	******	*******	125	1965
28N	95W	7	WY	FREMONT	221FRNR	3680	3711	6957	6960	0.33	0.25	0.00	90	1965
28N	96W	13	WY	FREMONT	221FRNR	687	696	6798	6749	2.60	1.79	0.00	100	1972
28N	103W	3	WY	SUBLETTE	211MVRD	3129	3171	7592	7157	******	******	*******	****	1960
28N	111W	15	WY	SUBLETTE	211MVRD	5946	6061	6817	6998	******	******	*******	124	1960
28N	111W	27	WY	SUBLETTE	211MVRD	5887	5957	6643	6990	******	******	*******	140	1969
28N	112W	7	WY	SUBLETTE	211MVRD	3948	4017	7682	7125	******	******	*******	100	1957
28N	113W	3	WY	SUBLETTE	211MVRD	2873	2978	7640	7170	******	******	*******	94	1960
28N	113W	3	WY	SUBLETTE	211MVRD	2980	3058	7495	7170	******	******	*******	88	1960

Table 6.-- Drill-stem test data for upper Mesozoic confining layers and aquifers

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
28N	113W	3	WY	SUBLETTE	211MVRD	2996	3068	7392	7158	******	******	*******	85	1960
28N	113W	3	WY	SUBLETTE	211MVRD	3029	3049	7237	7157	1.20	0.89	0.00	92	1960
28N	113W	3	WY	SUBLETTE	211MVRD	3070	3128	7333	7158	******	******	*******	88	1960
28N	113W	3	WY	SUBLETTE	211MVRD	3106	3163	7209	7176	******	******	*******	88	1960
28N	113W	3	WY	SUBLETTE	211MVRD	3129	3171	7505	7157	******	******	*******	91	1960
28N	113W	3	WY	SUBLETTE	211MVRD	3129	3159	7314	7158	******	******	*******	91	1960
28N	113W	5	WY	SUBLETTE	211MVRD	2931	2971	7273	7533	******	******	*******	****	1955
28N	113W	7	WY	SUBLETTE	211MVRD	1550	1627	7851	7773	******	******	*******	85	1962
28N	113W	9	WY	SUBLETTE	211MVRD	2942	3015	8103	7290	******	******	*******	92	1957
28N	113W	9	WY	SUBLETTE	211MVRD	2952	3097	7882	7249	******	******	*******	****	1956
28N	113W	20	WY	SUBLETTE	211FRNR	7225	7261	10399	7527	******	******	*******	148	1953
28N	113W	28	WY	SUBLETTE	211MVRD	1330	1368	7761	7309	0.04	0.04	0.00	75	1960
28N	114W	12	WY	SUBLETTE	211FRNR	5367	5435	10536	8200	******	******	*******	120	1954
28N	114W	33	WY	SUBLETTE	211FRNR	6483	6612	8358	8356	0.36	0.15	0.00	152	1962
28N	114W	34	WY	SUBLETTE	211FRNR	7291	7304	8640	8142	******	******	*******	172	1962
28N	114W	34	WY	SUBLETTE	211FRNR	7331	7376	9100	8142	******	******	*******	150	1962
29N	112W	3	WY	SUBLETTE	211MVRD	5002	5070	7153	6942	******	******	*******	104	1959
29N	112W	25	WY	SUBLETTE	211MVRD	4628	4685	7097	6934	******	******	*******	110	1960
29N	112W	25	WY	SUBLETTE	211MVRD	4990	5075	7024	7078	******	******	*******	109	1961
29N	112W	26	WY	SUBLETTE	211MVRD	4624	4674	6955	7035	******	******	*******	109	1961
29N	112W	26	WY	SUBLETTE	211MVRD	4687	4741	7033	7035	******	******	*******	109	1961
29N	113W	14	WY	SUBLETTE	211MVRD	3093	3200	7618	7315	******	******	*******	89	1960
29N	113W	14	WY	SUBLETTE	211MVRD	3299	3329	7186	7286	******	******	*******	94	1960
29N	113W	22	WY	SUBLETTE	211MVRD	3654	3756	8387	7298	******	******	*******	****	1956
29N	113W	23	WY	SUBLETTE	211MVRD	3143	3227	7276	7223	******	******	*******	****	1960
29N	113W	23	WY	SUBLETTE	211MVRD	3217	3285	7292	7375	******	******	*******	94	1960
29N	113W	24	WY	SUBLETTE	211MVRD	3673	3790	9080	7159	******	******	*******	98	1958

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
29N	113W	25	WY	SUBLETTE	211MVRD	3502	3542	7378	7574	1.50	1.10	0.00	93	1959
29N	113W	25	WY	SUBLETTE	211MVRD	3552	3600	8038	7607	******	******	*******	100	1958
29N	113W	25	WY	SUBLETTE	211MVRD	3602	3635	7397	7616	******	******	*******	88	1959
29N	113W	26	WY	SUBLETTE	211MVRD	3248	3376	7413	7554	******	******	*******	84	1960
29N	113W	26	WY	SUBLETTE	211MVRD	3386	3435	7286	7554	******	******	*******	87	1960
29N	113W	26	WY	SUBLETTE	211MVRD	3496	3525	7500	7554	******	******	*******	100	1960
29N	113W	26	WY	SUBLETTE	211MVRD	3500	3537	7251	7607	******	******	*******	100	1960
29N	113W	26	WY	SUBLETTE	211MVRD	3510	3560	7266	7552	3.10	2.24	0.01	95	1958
29N	113W	27	WY	SUBLETTE	211MVRD	3293	3370	8415	7552	******	******	*******	83	1957
29N	113W	32	WY	SUBLETTE	211FRNR	7620	7672	10719	7762	0.18	0.07	0.00	169	1962
29N	113W	34	WY	SUBLETTE	211MVRD	3099	3210	8317	7349	******	******	*******	****	1954
29N	113W	36	WY	SUBLETTE	211MVRD	3006	3026	7336	7192	******	******	*******	86	1957
29N	113W	36	WY	SUBLETTE	211MVRD	3152	3196	7165	7192	******	******	*******	88	1957
29N	113W	36	WY	SUBLETTE	211MVRD	3245	3317	7149	7244	******	******	*******	****	1957
29N	113W	36	WY	SUBLETTE	211MVRD	3370	3500	7194	7244	******	******	*******	****	1957
29N	114W	13	WY	SUBLETTE	211MVRD	2294	2390	7904	7785	******	******	*******	75	1960
29N	114W	31	WY	SUBLETTE	211MVRD	2835	2848	8281	9499	******	******	*******	89	1963
30N	114W	19	WY	SUBLETTE	211MVRD	3208	3228	7317	7800	2.50	1.97	0.00	86	1965
30N	114W	19	WY	SUBLETTE	211MVRD	4056	4080	8180	8694	******	******	*******	103	1965
30S	12E	19	UT	WAYNE	317CDRM	3574	3615	3795	4890	******	******	*******	92	1967
31N	112W	19	WY	SUBLETTE	211MVRD	6624	6647	7242	7275	1.20	0.64	0.00	127	1960
31N	112W	19	WY	SUBLETTE	211MVRD	6765	6859	7815	7275	******	******	*******	132	1960
31N	113W	30	WY	SUBLETTE	211MVRD	4963	5066	8537	7837	******	******	*******	106	1960
31N	113W	36	WY	SUBLETTE	211MVRD	5944	5974	8890	7189	******	******	*******	****	1958
32N	114W	18	WY	SUBLETTE	211MVRD	4137	4195	8375	8292	******	******	*******	92	1963
34N	9W	20	CO	LA PLATA	211FRLD	2628	2740	7149	6719	******	******	*******	****	1955

Table 6.--*Drill-stem test data for upper Mesozoic confining layers and aquifers*--Continued

LOCATION						INTERVAL TESTED (FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
35S	2W	7	UT	GARFIELD	310CDRM	8632	8702	4592	7990	******	******	*******	218	1965
35S	2W	35	UT	GARFIELD	310CDRM	9158	9191	3322	8110	0.44	0.17	0.00	164	1969
36S	7W	33	UT	GARFIELD	211TRPC	4424	4480	6768	8220	******	******	*******	124	1975
37S	2E	7	UT	GARFIELD	310CDRM	7850	7964	3522	7243	4.40	2.01	0.00	140	1969
37S	6W	16	UT	GARFIELD	210DKOT	4826	4917	3161	4917	1.83	0.70	0.00	162	1963
37S	7W	2	UT	GARFIELD	210DKOT	4872	4971	5702	7651	0.47	0.17	0.00	170	1963
38N	114W	33	WY	SUBLETTE	211FRNR	6483	6612	8422	8356	0.05	0.02	0.00	152	1962
38S	2W	5	UT	KANE	310CDRM	5755	5832	3353	5969	******	******	*******	94	1971
38S	2W	31	UT	KANE	310CDRM	5204	5239	3538	6115	******	******	*******	140	1975

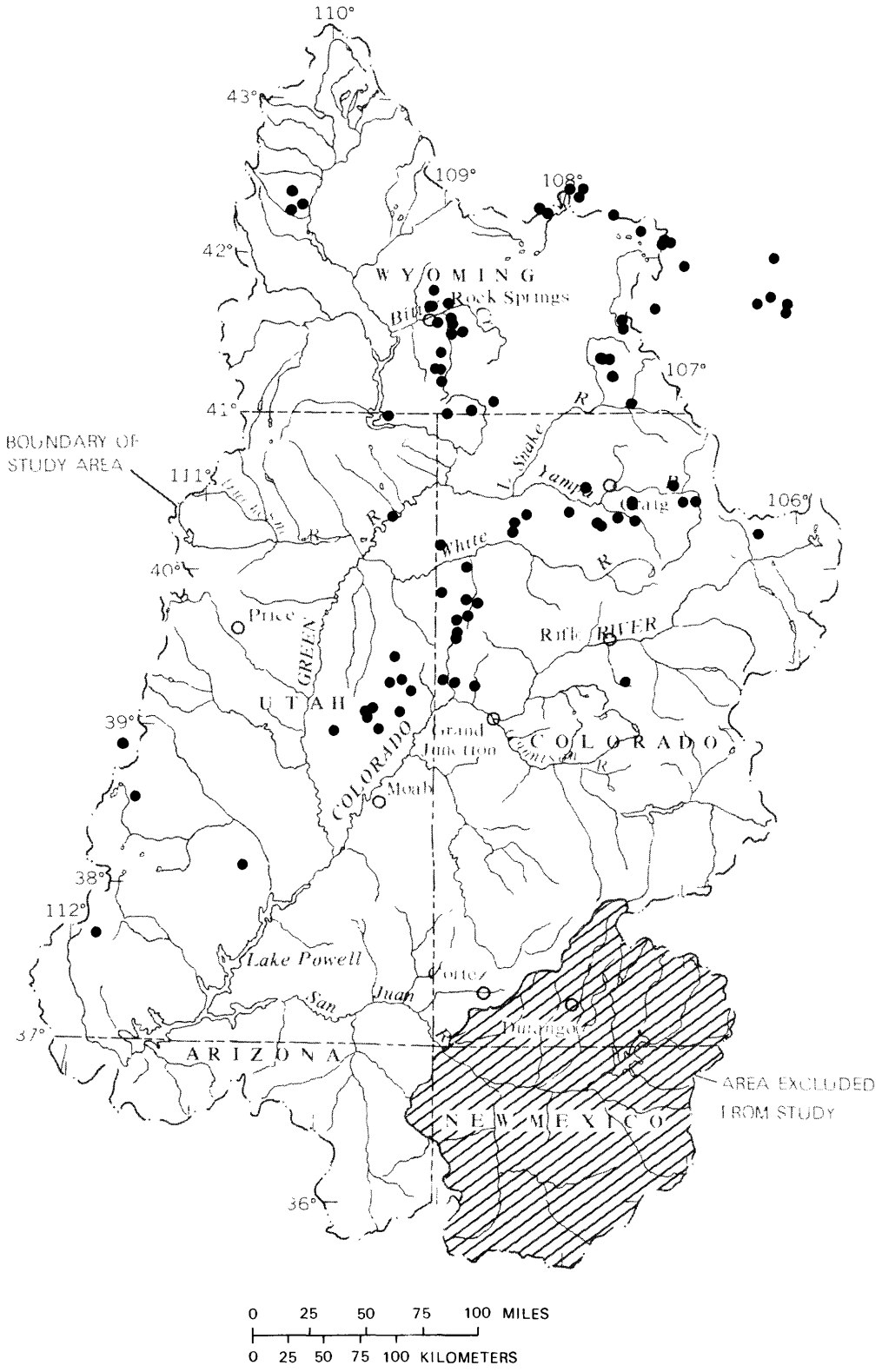

Figure 11.--Location of drill-stem test data for middle Mesozoic aquifers.

Table 7.--*Drill-stem test data for middle Mesozoic aquifers*

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
1N	102W	14	CO	RIO BLANCO	221MRSN	5992	6020	5841	6071	3.70	2.51	0.01	102	1960
2S	102W	26	CO	RIO BLANCO	221MRSN	5695	5723	6389	6503	******	******	*******	****	1959
2S	104W	12	CO	RIO BLANCO	221ENRD	7853	7913	5496	6975	******	******	*******	****	1956
3N	22E	20	UT	DAGGETT	221ENRD	4024	4060	6113	6238	******	******	*******	****	1960
3N	80W	7	CO	GRAND	221MRSN	5310	5456	8271	7981	******	******	*******	153	1972
3N	104W	36	CO	RIO BLANCO	220NVJO	6077	6132	5807	5745	******	******	*******	****	1955
3N	104W	36	CO	RIO BLANCO	221MRSN	5006	5071	5201	5782	******	******	*******	****	1956
3N	104W	36	CO	RIO BLANCO	221MRSN	5150	5220	5931	5745	******	******	*******	****	1955
3S	101W	3	CO	RIO BLANCO	221CRTS	5700	5767	5662	6556	******	******	*******	****	1959
4N	92W	13	CO	MOFFAT	221ENRD	4205	4215	6022	6505	******	******	*******	****	1959
4N	92W	16	CO	MOFFAT	221ENRD	4110	4125	6084	6499	4.10	2.83	0.01	100	1959
4N	92W	23	CO	MOFFAT	221CRTS	3497	3519	5913	6375	******	******	*******	145	1963
4N	92W	23	CO	MOFFAT	221CRTS	3519	3541	5855	6375	******	******	*******	145	1963
4N	92W	23	CO	MOFFAT	221CRTS	3541	3600	5825	6375	******	******	*******	148	1963
4N	92W	23	CO	MOFFAT	221MRSN	3243	3282	5842	6375	******	******	*******	143	1963
4N	92W	27	CO	MOFFAT	221ENRD	3285	3320	5938	6460	******	******	*******	****	1956
4N	92W	27	CO	MOFFAT	221ENRD	3293	3373	5979	6460	******	******	*******	****	1956
4N	92W	27	CO	MOFFAT	221MRSN	3108	3166	6157	6460	******	******	*******	****	1956
4N	92W	27	CO	MOFFAT	221MRSN	3219	3268	5864	6460	******	******	*******	****	1956
4N	98W	8	CO	MOFFAT	221ENRD	6340	6373	5971	6337	466.00	273.24	0.66	120	1957
4N	98W	31	CO	MOFFAT	221SLWS	4619	4769	5973	5791	1.20	0.64	0.00	127	1969
4S	102W	1	CO	RIO BLANCO	221ENRD	5930	6015	5607	6497	******	******	*******	200	1964
4S	102W	7	CO	RIO BLANCO	221ENRD	7950	7990	4820	8018	******	******	*******	****	1959
5N	90W	36	CO	MOFFAT	221ENRD	4510	4522	5968	6472	******	******	*******	163	1963
5N	90W	36	CO	MOFFAT	221MRSN	4336	4354	6460	6472	******	******	*******	140	1963
5N	91W	28	CO	MOFFAT	221MRSN	5252	5274	6103	6365	53.70	22.49	0.05	150	1961

Table 7.--*Drill-stem test data for middle Mesozoic aquifers*--Continued

LOCATION						INTERVAL				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
5N	94W	8	CO	MOFFAT	221ENRD	1390	1425	6099	6301	******	******	*******	****	1959
5N	94W	8	CO	MOFFAT	221MRSN	959	999	6312	6301	******	******	*******	100	1959
5N	97W	18	CO	MOFFAT	221ENRD	5391	5417	6193	6531	******	******	*******	115	1969
5S	22E	23	UT	UINTAH	221ENRD	2025	2040	5019	4914	******	******	*******	112	1965
5S	102W	20	CO	GARFIELD	221ENRD	7460	7490	6115	8010	******	******	*******	150	1959
5S	102W	20	CO	GARFIELD	221ENRD	7500	7583	5766	8010	******	******	*******	****	1959
5S	102W	20	CO	GARFIELD	221MRSN	7165	7190	5265	8010	******	******	*******	150	1959
5S	102W	30	CO	GARFIELD	221ENRD	6396	6457	5603	6852	******	******	*******	****	1958
6N	85W	27	CO	ROUTT	221ENRD	2296	2330	6821	6834	******	******	*******	****	1959
6N	86W	26	CO	ROUTT	221MRSN	5438	5590	6917	6891	******	******	*******	130	1959
6N	90W	25	CO	MOFFAT	211CRCS	6419	6550	5015	7251	******	******	*******	169	1957
6N	90W	36	CO	MOFFAT	221MRSN	2598	2724	6764	7409	******	******	*******	100	1957
7N	87W	13	CO	ROUTT	221ENRD	4690	4766	6878	7545	574.00	185.28	0.45	188	1962
7N	93W	16	CO	MOFFAT	221ENRD	9662	9680	6990	6335	3.20	0.77	0.00	246	1959
7N	93W	16	CO	MOFFAT	221MRSN	9220	9240	6668	6335	3.80	0.97	0.00	232	1959
8S	91W	36	CO	MESA	221ENRD	12245	12315	8839	9829	******	******	*******	****	1955
8S	104W	33	CO	MESA	221ENRD	3019	3033	4475	4832	******	******	*******	****	1956
9S	102W	12	CO	MESA	221ENRD	3081	3101	4526	4905	******	******	*******	****	1956
9S	103W	4	CO	MESA	221ENRD	2883	2894	4488	4794	******	******	*******	****	1956
12N	101W	3	WY	SWEETWATER	220NGGT	13790	14253	8976	7050	******	******	*******	****	1964
12N	101W	3	WY	SWEETWATER	220NGGT	13845	14253	9148	7067	******	******	*******	282	1964
12N	103W	11	WY	SWEETWATER	221ENRD	14285	14332	6480	9224	******	******	*******	243	1967
13N	89W	20	WY	CARBON	221MRSN	6444	6557	7451	6940	******	******	*******	150	1954
13N	99W	19	WY	SWEETWATER	221ENRD	14624	14662	9596	7225	0.65	0.12	0.00	295	1975
14N	103W	5	WY	SWEETWATER	220NGGT	6298	6328	6545	7055	******	******	*******	148	1970
14N	103W	5	WY	SWEETWATER	221MRSN	5458	5533	6625	7055	******	******	*******	155	1970
15N	91W	23	WY	CARBON	220NGGT	8774	8800	7550	6779	******	******	*******	214	1964

Table 7.--*Drill-stem test data for middle Mesozoic aquifers*--Continued

LOCATION						INTERVAL TESTED (FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
15N	103W	7	WY	SWEETWATER	220NGGT	4827	4839	6499	7155	******	******	*******	123	1962
15N	103W	8	WY	SWEETWATER	220NGGT	5020	5050	7031	7335	******	******	*******	100	1958
15N	104W	11	WY	SWEETWATER	220NGGT	5020	5032	6423	7587	******	******	*******	****	1956
15N	104W	11	WY	SWEETWATER	221ENRD	4813	4825	6403	7587	******	******	*******	****	1956
15N	104W	11	WY	SWEETWATER	221ENRD	4842	4885	6458	7587	******	******	*******	****	1956
15S	22E	36	UT	UINTAH	221ENRD	9179	9230	3817	7707	******	******	*******	170	1960
16N	91W	17	WY	CARBON	211CRCS	3002	3027	7210	6584	6.70	4.25	0.01	110	1971
16N	91W	21	WY	CARBON	220NGGT	9193	9240	7445	6735	******	******	*******	264	1961
16N	92W	12	WY	CARBON	220NGGT	9593	9603	7736	6654	2.90	0.98	0.00	180	1960
16N	92W	12	WY	CARBON	220NGGT	9835	9854	7460	6654	70.90	17.44	0.04	240	1960
17N	103W	33	WY	SWEETWATER	221MRSN	4226	4297	6489	7699	30.30	11.74	0.03	160	1962
17S	22E	25	UT	GRAND	221ENRD	7312	7328	4649	6417	******	******	*******	****	1960
17S	23E	13	UT	GRAND	221ENRD	5141	5167	4674	5690	******	******	*******	****	1957
18N	90W	11	WY	CARBON	220NGGT	8755	8785	7558	7551	******	******	*******	194	1971
18N	102W	12	WY	SWEETWATER	220NGGT	6673	6683	6422	7005	******	******	*******	136	1956
18N	102W	12	WY	SWEETWATER	220NGGT	6701	6714	6550	7005	1362.00	457.84	1.11	140	1955
18N	102W	12	WY	SWEETWATER	221ENRD	6490	6630	6386	7005	******	******	*******	126	1955
18N	102W	20	WY	SWEETWATER	221MRSN	4712	4732	6500	6734	******	******	*******	120	1959
18S	24E	10	UT	GRAND	221ENRD	3020	3050	3935	4051	******	******	*******	100	1959
19N	78W	11	WY	CARBON	221SNDC	3517	3642	6782	7285	******	******	*******	****	1957
19N	90W	26	WY	CARBON	220NGGT	8928	8995	7611	7200	427.00	128.74	0.31	200	1968
19N	102W	19	WY	SWEETWATER	221MRSN	4566	4619	6556	6477	******	******	*******	110	1960
19N	102W	29	WY	SWEETWATER	221MRSN	4367	4400	6494	6530	1.02	0.61	0.00	117	1960
19N	103W	30	WY	SWEETWATER	220NGGT	4377	4396	6465	6643	******	******	*******	****	1955
19N	103W	30	WY	SWEETWATER	221ENRD	4107	4188	6471	6643	******	******	*******	****	1955
19N	103W	30	WY	SWEETWATER	221MRSN	3695	3710	6726	6643	******	******	*******	****	1955

Table 7.--*Drill-stem test data for middle Mesozoic aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
19N	103W	30	WY	SWEETWATER	221MRSN	3869	3939	6899	6643	******	******	*******	****	1955
19S	21E	23	UT	GRAND	221ENRD	6631	6652	4682	6975	******	******	*******	175	1972
19S	21E	29	UT	GRAND	221ENRD	4595	4625	4766	6290	******	******	*******	156	1972
19S	21E	29	UT	GRAND	221ENRD	4730	4760	4744	6430	******	******	*******	176	1971
19S	21E	29	UT	GRAND	221MRSN	4361	4460	4665	6430	******	******	*******	141	1971
19S	21E	29	UT	GRAND	221MRSN	4470	4550	4893	6430	******	******	*******	142	1971
19S	23E	26	UT	GRAND	221ENRD	3125	3165	4610	4872	******	******	*******	126	1972
19S	23E	26	UT	GRAND	221MRSN	2415	2535	4796	4872	******	******	*******	124	1972
19S	23E	26	UT	GRAND	221MRSN	2535	2595	4671	4872	13.70	7.45	0.02	125	1972
19S	23E	26	UT	GRAND	221MRSN	2798	2858	4618	4872	******	******	*******	125	1972
20N	78W	24	WY	CARBON	220NGGT	5768	5813	6773	7085	******	******	*******	****	1957
20N	79W	2	WY	CARBON	221MRSN	6045	6108	5037	7144	******	******	*******	****	1957
20N	80W	23	WY	CARBON	221SNDC	6451	6485	7411	7249	******	******	*******	****	1957
20N	80W	23	WY	CARBON	221SNDC	6451	6519	7435	7249	******	******	*******	****	1957
20N	87W	30	WY	CARBON	220NGGT	6781	6814	7649	7882	******	******	*******	****	1963
20N	103W	24	WY	SWEETWATER	221MRSN	5307	5465	6643	6697	******	******	*******	128	1957
20N	104W	23	WY	SWEETWATER	221ENRD	4268	4286	6668	6415	2.30	1.46	0.00	110	1956
20N	104W	23	WY	SWEETWATER	221ENRD	4301	4345	6530	6415	******	******	*******	110	1956
20N	104W	24	WY	SWEETWATER	221MRSN	3810	3824	6511	6459	******	******	*******	100	1956
20S	21E	4	UT	GRAND	221MRSN	3395	3448	4735	5977	******	******	*******	133	1972
20S	21E	4	UT	GRAND	221MRSN	3640	3680	4771	5977	******	******	*******	133	1972
20S	21E	9	UT	GRAND	221ENRD	4050	4088	4746	5983	******	******	*******	144	1972
20S	22E	31	UT	GRAND	221MRSN	2388	2457	4750	5064	******	******	*******	****	1957
21N	103W	17	WY	SWEETWATER	221MRSN	6422	6428	6384	6832	******	******	*******	132	1964
21S	18E	12	UT	GRAND	220NVJO	5067	5118	4602	5217	3.59	2.04	0.00	122	1975
21S	18E	12	UT	GRAND	220NVJO	5140	5203	4561	5140	******	******	*******	142	1974
22S	3E	20	UT	SEVIER	231NVJO	9948	10010	5527	6639	******	******	*******	205	1973
23N	78W	6	WY	CARBON	221SNDC	3244	3269	5912	6723	******	******	*******	****	1956
23N	78W	6	WY	CARBON	221SNDC	3303	3316	5945	6723	******	******	*******	****	1956

Table 7.--*Drill-stem test data for middle Mesozoic aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
23N	85W	22	WY	CARBON	210CRCS	4448	4460	6535	6717	******	******	*******	****	1963
24N	87W	1	WY	CARBON	220NGGT	4776	4816	6423	6776	******	******	*******	****	1959
24N	87W	1	WY	CARBON	220NGGT	4816	4839	6576	6776	******	******	*******	****	1959
25N	86W	32	WY	CARBON	221SNDC	5095	5140	6321	6851	******	******	*******	****	1957
25N	86W	34	WY	CARBON	220NGGT	5384	5443	6617	7039	******	******	*******	****	1958
25N	86W	34	WY	CARBON	220NGGT	5641	5740	6898	7038	******	******	*******	****	1960
25N	88W	3	WY	CARBON	221MRSN	2730	2807	5814	6784	******	******	*******	****	1961
26S	4E	16	UT	SEVIER	220GLNC	4080	4115	5971	8194	******	******	*******	99	1966
27N	90W	28	WY	FREMONT	220NGGT	9109	9150	5983	7456	314.10	131.53	0.32	150	1956
27N	95W	18	WY	FREMONT	220NGGT	1678	1700	6960	7148	******	******	*******	100	1956
27N	95W	18	WY	FREMONT	220NGGT	1765	1786	6947	7148	******	******	*******	100	1956
27N	95W	27	WY	FREMONT	210CRCS	762	835	6942	7170	******	******	*******	65	1956
27N	95W	27	WY	FREMONT	220NGGT	5767	5896	7041	7170	******	******	*******	147	1957
27N	95W	29	WY	FREMONT	221MRSN	4156	4182	6658	7409	47.10	21.78	0.05	139	1957
27N	113W	14	WY	SUBLETTE	220NGGT	10059	10117	7080	7030	******	******	*******	150	1957
27N	113W	31	WY	SUBLETTE	220NGGT	10807	10883	6488	8266	******	******	*******	207	1966
27N	113W	31	WY	SUBLETTE	220NGGT	11010	11042	6570	8397	******	******	*******	211	1959
28N	92W	8	WY	FREMONT	220NGGT	6543	6593	6557	6484	******	******	*******	150	1954
28N	92W	18	WY	FREMONT	220NGGT	5585	5600	6464	6671	******	******	*******	****	1956
28N	93W	4	WY	FREMONT	220NGGT	4899	4914	6697	7029	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	221MRSN	4670	4700	6320	7029	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	221MRSN	4805	4835	7033	7093	******	******	*******	135	1952
28N	93W	4	WY	FREMONT	221SNDC	4865	4889	6591	7029	******	******	*******	****	1954
28N	93W	13	WY	FREMONT	220NGGT	5585	5617	6745	6788	******	******	*******	130	1955
28N	93W	13	WY	FREMONT	221SNDC	5554	5584	6754	6788	******	******	*******	130	1955
28N	113W	19	WY	SUBLETTE	220NGGT	10079	10101	9894	7551	9.04	2.48	0.01	218	1961

Table 7.--*Drill-stem test data for middle Mesozoic aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
31S	12E	4	UT	GARFIELD	231WNGT	1490	1536	4536	4889	******	******	*******	****	1958
31S	12E	4	UT	GARFIELD	231WNGT	1802	1830	4107	4889	******	******	*******	****	1958
36S	1E	14	UT	GARFIELD	220NVJO	3864	4064	5328	7252	******	******	*******	109	1970

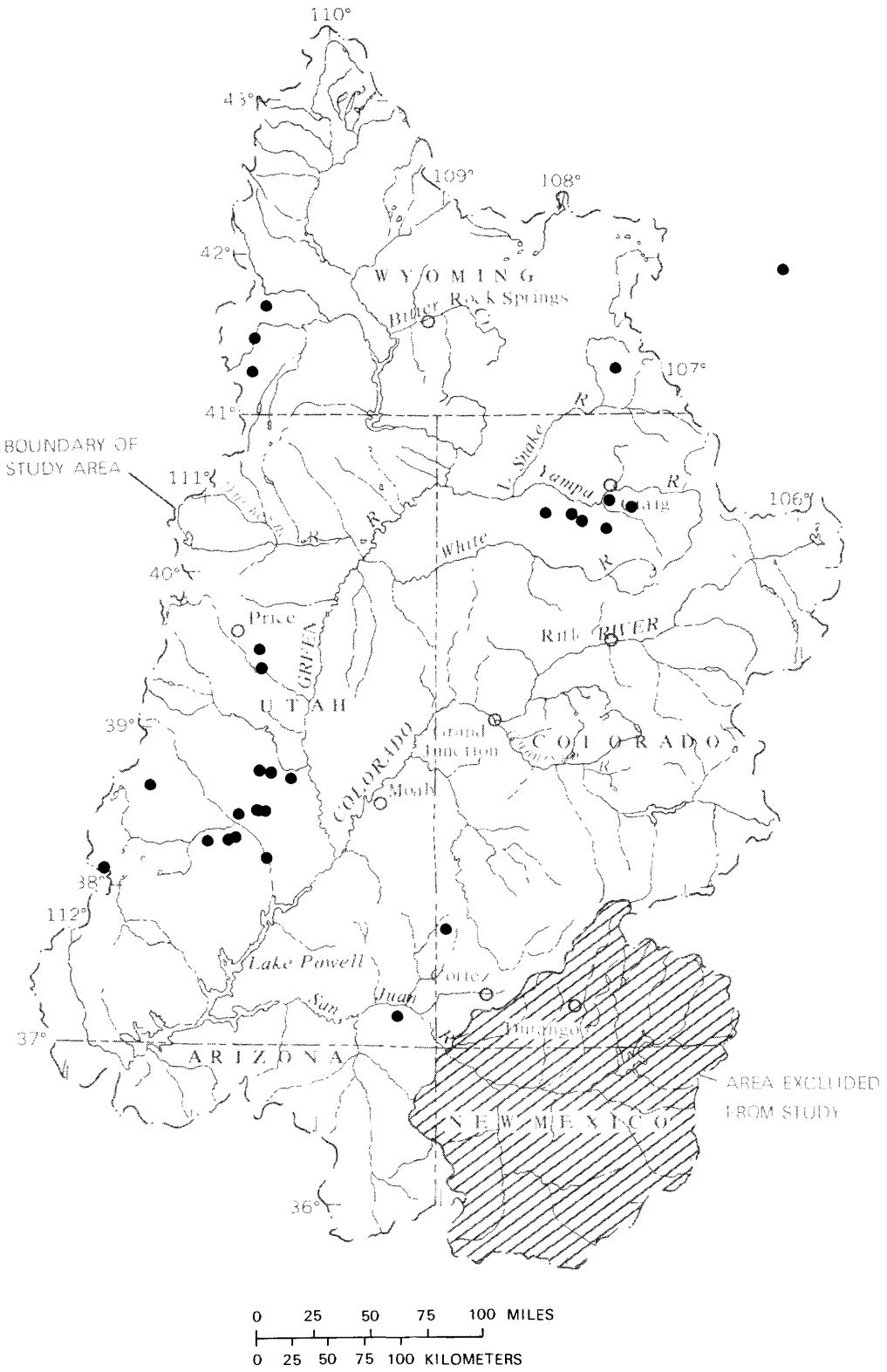

Figure 12.--Location of drill-stem test data for lower Mesozoic confining layers.

Table 8.--*Drill-stem test data for lower Mesozoic confining layers*

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
4N	92W	13	CO	MOFFAT	231CHNL	4700	4785	5961	6505	******	******	*******	120	1959
5N	93W	29	CO	MOFFAT	231CHNL	3983	4018	6109	6343	******	******	*******	100	1954
5N	94W	9	CO	MOFFAT	237MNKP	2310	2370	5837	6216	******	******	*******	****	1955
5N	94W	9	CO	MOFFAT	237MNKP	2736	2788	6276	6216	******	******	*******	****	1955
5N	96W	3	CO	MOFFAT	237MNKP	780	845	5871	6246	******	******	*******	100	1961
6N	90W	25	CO	MOFFAT	231CHNL	9180	9428	4910	7360	******	******	*******	****	1956
6N	91W	8	CO	MOFFAT	237MNKP	9494	9569	8303	6300	******	******	*******	170	1958
15N	117W	15	WY	UINTA	237DNDY	3490	3590	7394	6872	******	******	*******	92	1964
15N	117W	15	WY	UINTA	237DNDY	3629	3653	7344	6872	25.70	19.43	0.05	90	1964
15S	13E	17	UT	CARBON	237MNKP	5092	5134	4373	5863	******	******	*******	129	1970
15S	13E	17	UT	CARBON	237SNBD	5135	5175	4356	5863	******	******	*******	129	1970
15S	13E	17	UT	CARBON	237SNBD	5135	5175	4356	5863	******	******	*******	129	1970
16N	90W	31	WY	CARBON	231CRMN	9063	9180	7550	7300	68.70	30.30	0.07	144	1970
16S	13E	21	UT	EMERY	237SNBD	3494	3550	4539	5298	******	******	*******	118	1963
18N	117W	36	WY	UINTA	237TYNS	6118	6133	7645	7281	13.00	6.47	0.02	132	1968
20N	116W	23	WY	LINCOLN	237WDSD	4678	4808	7198	7054	28.50	13.73	0.03	135	1959
23N	78W	34	WY	CARBON	237GSEG	1972	2104	6186	6590	******	******	*******	****	1956
24S	13E	2	UT	EMERY	237SNBD	2041	2065	4518	4529	******	******	*******	****	1958
24S	14E	10	UT	EMERY	237MNKP	2157	2277	4401	4320	******	******	*******	78	1972
24S	16E	19	UT	EMERY	237MNKP	2302	2400	4417	4773	******	******	*******	150	1958
25S	5E	14	UT	SEVIER	237MNKP	3990	4090	5668	5982	******	******	*******	****	1966
26S	13E	35	UT	EMERY	237MNKP	2253	2200	4580	5654	******	******	*******	135	1963
26S	13E	35	UT	EMERY	237SNBD	2620	2695	4322	5654	******	******	*******	138	1963
27S	12E	9	UT	WAYNE	237MNKP	2551	2651	4213	5051	******	******	*******	118	1959
27S	14E	5	UT	WAYNE	237SNBD	2735	2775	4059	5640	******	******	*******	****	1955

Table 8.--*Drill-stem test data for lower Mesozoic confining layers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED (FEET) TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLIDARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
28S	12E	32	UT	WAYNE	237SNBD	2330	2410	4140	4580	******	******	*******	84	1969
29S	10E	8	UT	WAYNE	237SNBD	4750	4790	4180	4821	******	******	*******	****	1958
29S	11E	2	UT	WAYNE	237MNKP	2647	2675	4157	4504	******	******	*******	****	1958
30S	14E	15	UT	WAYNE	237MNKP	1576	1606	4334	5477	******	******	*******	95	1973
31S	2W	16	UT	GARFIELD	237SNBD	2899	2963	5533	6406	******	******	*******	114	1964
41N	19W	34	CO	DOLORES	237MNKP	3962	4041	5971	0	******	******	*******	****	1958
41S	24E	19	UT	SAN JUAN	231CHNL	2598	2799	5089	4777	11.40	7.67	0.02	103	1958

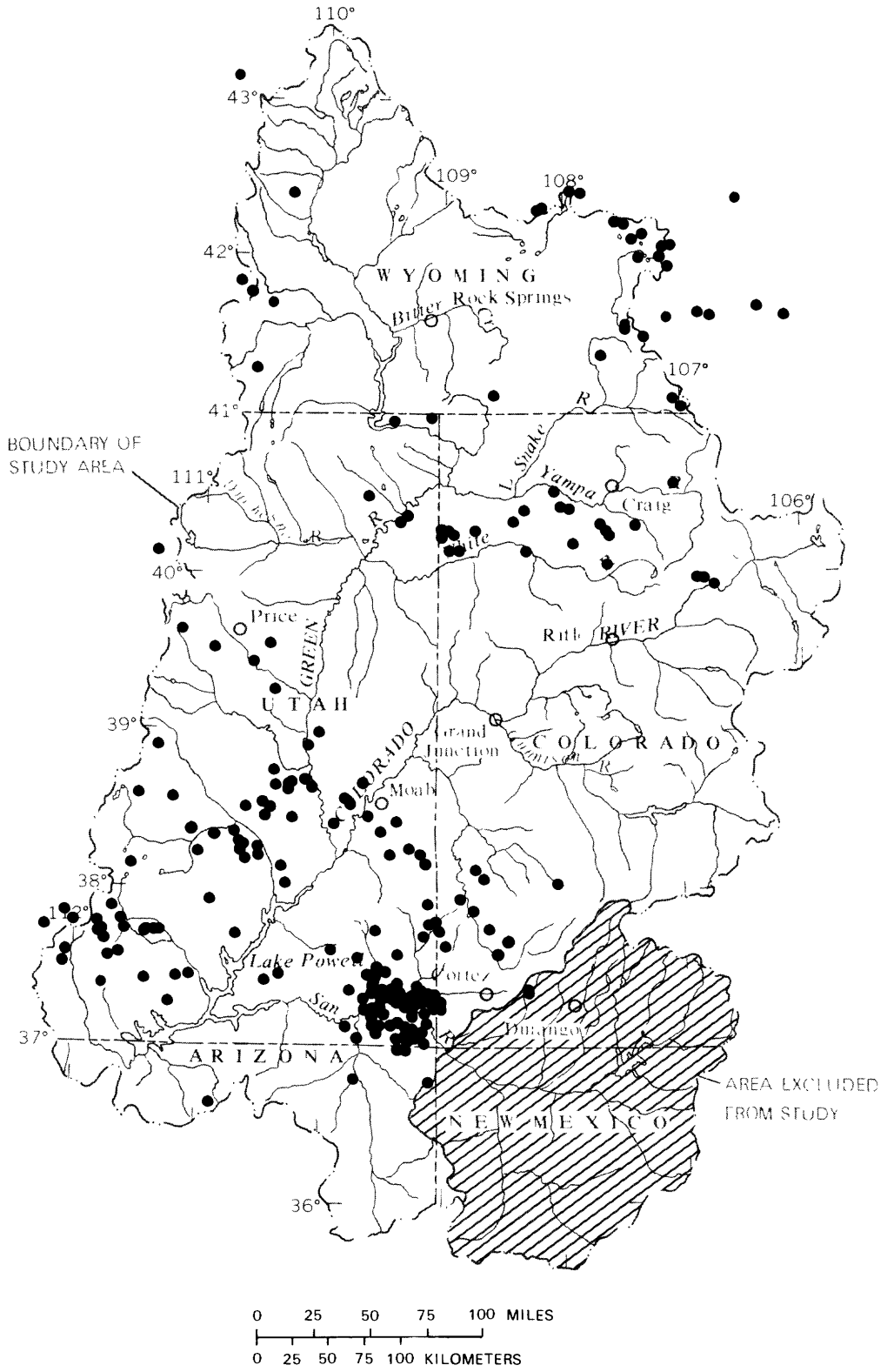

Figure 13.--Location of drill-stem test data for upper Paleozoic aquifers and confining layers.

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
1N	91W	18	CO	RIO BLANCO	310WEBR	1989	2046	7358	8559	******	******	*******	80	1967
1S	84W	18	CO	ROUTT	324MRON	490	637	9068	9335	******	******	*******	60	1969
1S	84W	36	CO	ROUTT	320PSLV	757	811	6986	7113	******	******	*******	82	1962
1S	85W	15	CO	ROUTT	320PSLV	3974	3989	4445	9547	******	******	*******	****	1968
2N	97W	17	CO	RIO BLANCO	310WEBR	14387	14994	7302	5910	******	******	*******	281	1966
2N	102W	17	CO	RIO BLANCO	310WEBR	6575	6598	7120	5405	******	******	*******	158	1964
2N	102W	17	CO	RIO BLANCO	310WEBR	6623	6657	7544	5405	******	******	*******	****	1964
2N	102W	17	CO	RIO BLANCO	310WEBR	6686	6709	7603	5405	******	******	*******	161	1964
2N	103W	15	CO	RIO BLANCO	310WEBR	6773	6833	3177	5753	******	******	*******	****	1959
3N	22E	34	UT	DAGGETT	310WEBR	3203	3277	6026	6877	******	******	*******	****	1956
3N	22E	34	UT	DAGGETT	311PSPR	2972	3021	5743	6877	******	******	*******	****	1956
3N	25E	28	UT	DAGGETT	310WEBR	11675	11885	5457	7776	0.40	0.14	0.00	180	1972
3N	91W	8	CO	MOFFAT	310WEBR	4260	4382	6205	6948	******	******	*******	****	1955
3N	91W	8	CO	MOFFAT	310WEBR	4357	4461	6288	6927	******	******	*******	****	1955
3N	91W	8	CO	MOFFAT	310WEBR	4357	4420	6195	6927	******	******	*******	****	1955
3N	91W	8	CO	MOFFAT	310WEBR	4365	4398	6234	6948	******	******	*******	****	1955
3N	91W	8	CO	MOFFAT	310WEBR	4385	4415	6258	6948	******	******	*******	****	1955
3N	91W	8	CO	MOFFAT	310WEBR	4416	4496	6251	6948	******	******	*******	****	1955
3N	94W	34	CO	RIO BLANCO	310WEBR	8207	8251	6596	8120	******	******	*******	160	1959
3N	101W	3	CO	MOFFAT	310WEBR	3161	3365	5763	5703	******	******	*******	101	1967
3N	103W	3	CO	MOFFAT	310WEBR	8145	8167	5596	6274	******	******	*******	160	1960
3N	103W	11	CO	MOFFAT	310WEBR	2295	2367	6169	6118	******	******	*******	85	1965
4N	89W	17	CO	ROUTT	310WEBR	4750	4760	6243	6715	******	******	*******	142	1964
4N	92W	13	CO	MOFFAT	310WEBR	5470	5511	6281	6505	******	******	*******	120	1959
4N	92W	13	CO	MOFFAT	310WEBR	5533	5554	6274	6505	67.22	39.41	0.10	120	1959
4N	92W	14	CO	MOFFAT	310WEBR	4865	4883	6246	6347	358.40	156.66	0.38	145	1963

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED (FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
4N	92W	22	CO	MOFFAT	310WEBR	4536	4556	6256	6399	******	******	*******	129	1964
4N	92W	22	CO	MOFFAT	310WEBR	4587	4604	6256	6399	******	******	*******	131	1964
4N	92W	23	CO	MOFFAT	310WEBR	4807	4833	6229	6375	******	******	*******	153	1963
4N	92W	35	CO	MOFFAT	310WEBR	5186	5231	6362	6735	******	******	*******	150	1956
4N	92W	35	CO	MOFFAT	310WEBR	5276	5284	6419	6735	******	******	*******	150	1956
4N	98W	8	CO	MOFFAT	310WEBR	7979	8033	5725	6337	74.10	25.74	0.06	176	1957
4N	103W	32	CO	MOFFAT	310WEBR	1134	1305	5961	6368	******	******	*******	100	1952
4N	103W	32	CO	MOFFAT	310WEBR	1140	1180	6050	6368	2.50	1.73	0.00	100	1952
4N	104W	36	CO	MOFFAT	310WEBR	1340	1410	6014	6282	******	******	*******	100	1952
4S	20E	12	UT	UINTAH	317PRKC	3390	3445	6265	5833	******	******	*******	87	1970
5N	94W	9	CO	MOFFAT	310WEBR	2941	2982	5956	6216	******	******	*******	****	1955
5N	95W	2	CO	MOFFAT	310WEBR	2187	2217	6140	6575	******	******	*******	****	1959
5N	97W	18	CO	MOFFAT	310WEBR	7030	7090	5642	6521	******	******	*******	130	1969
5S	23E	26	UT	UINTAH	317PRKC	2198	2226	5271	4941	******	******	*******	80	1965
6S	23E	5	UT	UINTAH	310WEBR	5905	5929	5102	4964	******	******	*******	****	1969
7N	87W	13	CO	ROUTT	310WEBR	5535	5607	7605	7545	******	******	*******	****	1962
7N	95W	32	CO	MOFFAT	310WEBR	2070	2107	5951	5921	******	******	*******	100	1957
8S	5E	16	UT	UTAH	317PRKC	2960	3000	6527	6920	******	******	*******	100	1956
13N	25E	12	AZ	APACHE	324RICO	1772	1838	5414	5883	******	******	*******	****	1959
13N	88W	8	WY	CARBON	311PSPR	8010	8089	7444	7889	6.00	2.17	0.01	170	1960
13N	88W	36	WY	CARBON	311PSPR	7546	7641	7512	7344	******	******	*******	180	1964
13N	88W	36	WY	CARBON	311PSPR	7642	7670	7535	7344	******	******	*******	180	1964
13N	99W	18	WY	SWEETWATER	310WEBR	16468	17125	6856	7311	******	******	*******	425	1975
13N	99W	18	WY	SWEETWATER	324MRGN	17079	17745	7597	7311	0.29	0.00	0.00	425	1975
14S	7E	17	UT	CARBON	310KIBB	13904	13928	7879	10160	******	******	*******	229	1967

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
14S	7E	17	UT	CARBON	317ELPC	14740	14889	5304	10160	******	******	*******	242	1967
15N	117W	15	WY	UINTA	310WEBR	3995	4085	7533	6872	11.30	8.30	0.02	93	1964
15S	9E	27	UT	CARBON	317DCLL	10589	10730	8410	6143	******	******	*******	190	1958
15S	13E	11	UT	CARBON	317DCLL	5734	5765	4688	5887	******	******	*******	****	1959
16N	90W	31	WY	CARBON	321TSLP	9994	10066	7472	7314	******	******	*******	220	1970
16N	90W	31	WY	CARBON	321TSLP	10082	10191	7401	7314	65.70	17.65	0.04	222	1970
16N	92W	12	WY	CARBON	321TSLP	11137	11180	7410	6654	******	******	*******	250	1959
16S	12E	27	UT	EMERY	317DCLL	4443	4459	4449	5821	******	******	*******	****	1957
16S	12E	27	UT	EMERY	317DCLL	5132	5169	4496	5821	******	******	*******	****	1957
18N	88W	20	WY	CARBON	321TSLP	2433	2460	7350	8206	******	******	*******	****	1953
18N	88W	20	WY	CARBON	321TSLP	2451	2515	7255	8206	******	******	*******	100	1953
18N	90W	11	WY	CARBON	321TSLP	10265	10330	7372	7551	******	******	*******	202	1971
18N	117W	36	WY	UINTA	311PSPR	7232	7262	7794	7281	27.40	12.92	0.03	137	1968
18S	14E	30	UT	EMERY	310KIBB	3602	3670	4446	5130	******	******	*******	100	1962
18S	14E	30	UT	EMERY	317DCLL	3717	3868	4370	5130	******	******	*******	110	1962
18S	14E	30	UT	EMERY	320PSLV	4985	5091	4884	5130	******	******	*******	120	1962
18S	14E	30	UT	EMERY	324HRMS	5904	6025	4069	5130	******	******	*******	130	1962
19N	78W	11	WY	CARBON	321TSLP	5625	5641	6536	7285	******	******	*******	****	1958
19N	78W	11	WY	CARBON	321TSLP	5641	5661	6502	7285	******	******	*******	****	1958
19N	83W	6	WY	CARBON	321TSLP	6896	6951	7787	6914	******	******	*******	****	1959
19N	87W	12	WY	CARBON	321TSLP	7323	7350	8011	7377	******	******	*******	161	1960
19N	87W	12	WY	CARBON	321TSLP	7325	7360	8621	7377	0.61	0.25	0.00	152	1960
19N	90W	36	WY	CARBON	321TSLP	10705	10795	7409	7690	******	******	*******	200	1971
20N	80W	23	WY	CARBON	321TSLP	7773	7803	6600	7249	******	******	*******	****	1957
20N	84W	28	WY	CARBON	321TSLP	9485	9638	7271	6920	******	******	*******	****	1971
20N	116W	23	WY	LINCOLN	310WEBR	5758	5990	7518	7054	28.90	14.73	0.04	130	1959

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
20N	116W	23	WY	LINCOLN	311PSPR	5375	5430	7668	7054	******	******	*******	110	1959
21N	117W	23	WY	LINCOLN	320PSLV	2332	2479	6985	6854	******	******	*******	100	1958
21S	17E	26	UT	GRAND	321HKTL	6465	6615	4804	4452	******	******	*******	138	1969
21S	17E	26	UT	GRAND	324PRDX	8236	8271	1243	4452	******	******	*******	163	1969
22N	117W	30	WY	LINCOLN	310WEBR	6580	6640	7456	6915	******	******	*******	114	1958
22N	117W	30	WY	LINCOLN	311PSPR	2285	2355	7190	6903	12.40	5.47	0.01	144	1958
22S	5E	34	UT	SEVIER	317DCLL	8730	8804	4293	6354	22.70	7.33	0.02	188	1962
22S	16E	25	UT	GRAND	321HKTL	4175	4232	4545	4130	******	******	*******	106	1973
23N	86W	16	WY	CARBON	321TSLP	9050	9133	7272	7570	******	******	*******	****	1975
23N	86W	16	WY	CARBON	321TSLP	9133	9225	7229	7570	******	******	*******	****	1975
24N	87W	1	WY	CARBON	321TSLP	6289	6337	7340	6776	******	******	*******	****	1959
24N	87W	1	WY	CARBON	321TSLP	6301	6316	7216	6776	******	******	*******	****	1959
24N	87W	1	WY	CARBON	321TSLP	6383	6454	7259	6776	******	******	*******	****	1959
24N	87W	27	WY	CARBON	321TSLP	6165	6182	7215	6580	******	******	*******	****	1970
24N	87W	34	WY	CARBON	321TSLP	5817	5855	7165	6572	******	******	*******	****	1974
24N	88W	32	WY	CARBON	321TSLP	3857	3887	7295	6514	******	******	*******	****	1959
24S	14E	21	UT	EMERY	320PSLV	4715	4867	4065	4320	******	******	*******	****	1959
25N	86W	34	WY	CARBON	321TSLP	6900	6931	7318	7039	******	******	*******	****	1958
25N	86W	34	WY	CARBON	321TSLP	6937	6963	7312	7039	******	******	*******	****	1958
25N	86W	34	WY	CARBON	321TSLP	6965	7010	7226	7039	******	******	*******	****	1958
25N	86W	34	WY	CARBON	321TSLP	6980	7030	7089	7052	******	******	*******	****	1959
25N	86W	34	WY	CARBON	321TSLP	7071	7150	7220	7039	******	******	*******	****	1958
25N	86W	34	WY	CARBON	321TSLP	7124	7168	8107	7052	******	******	*******	****	1959
25N	86W	34	WY	CARBON	321TSLP	7270	7317	7208	7039	******	******	*******	****	1958
25N	88W	3	WY	CARBON	321TSLP	4800	4850	6854	6784	******	******	*******	****	1961
25N	88W	3	WY	CARBON	321TSLP	4805	4871	6866	6784	******	******	*******	****	1961

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED (FEET)		SHUT-IN	ALT. OF	PERMEABILITY (MILLIDARCYS	(MILLI-	HYDRAULIC CONDUCTIVITY	TEMPER-	TEST
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	HEAD (FEET)	M.P.	PER CENTIPOISE)	DARCYS)	(FT PER DAY)	ATURE	DATE
25N	89W	14	WY	CARBON	321TSLP	5260	5311	6911	6496	******	******	*******	****	1965
25S	14E	22	UT	EMERY	324PRDX	3975	4070	4476	4760	1.05	0.67	0.00	110	1961
25S	14E	22	UT	EMERY	324PRDX	4392	4430	4954	4760	******	******	*******	110	1961
25S	15E	15	UT	EMERY	324PRDX	4820	4855	4580	4937	0.55	0.21	0.00	160	1963
25S	15E	22	UT	EMERY	324HRMS	4346	4370	4282	4827	******	******	*******	****	1958
25S	15E	22	UT	EMERY	324HRMS	4790	4935	4275	4827	******	******	*******	120	1958
25S	15E	22	UT	EMERY	324PRDX	5070	5147	4339	4827	******	******	*******	****	1958
25S	15E	32	UT	EMERY	317DCLL	2290	2315	4410	5116	******	******	*******	****	1956
25S	15E	32	UT	EMERY	324MOLS	5521	5601	4313	5116	******	******	*******	****	1956
25S	16E	10	UT	EMERY	324MOLS	6898	7092	4493	4749	******	******	*******	****	1959
25S	21E	18	UT	GRAND	324PRDX	7611	7652	6577	4337	******	******	*******	****	1954
25S	175E	20	UT	GRAND	324HRMS	3533	3570	4796	4620	******	******	*******	119	1960
26N	89W	7	WY	CARBON	321TSLP	6049	6085	4441	6781	******	******	*******	****	1957
26N	89W	7	WY	CARBON	321TSLP	6111	6161	4641	6908	******	******	*******	****	1957
26N	89W	7	WY	CARBON	321TSLP	6176	6208	4613	6908	******	******	*******	****	1957
26N	89W	7	WY	CARBON	321TSLP	6209	6239	4449	6908	******	******	*******	****	1957
26N	89W	17	WY	CARBON	321TSLP	7270	7355	5556	6649	******	******	*******	****	1969
26N	90W	10	WY	SWEETWATER	321TSLP	5002	5061	3964	6861	******	******	*******	100	1956
26S	4E	16	UT	SEVIER	310KIBB	6468	6485	4757	8194	******	******	*******	124	1966
26S	7E	19	UT	EMERY	317WTRM	3620	3705	4663	5962	******	******	*******	100	1960
26S	7E	19	UT	EMERY	324RICO	3706	3921	4667	5962	******	******	*******	110	1960
26S	13E	35	UT	EMERY	319ELPC	3725	3850	4218	5654	******	******	*******	138	1963
26S	19E	14	UT	GRAND	324PRDX	6266	6372	10619	6021	******	******	*******	****	1957
26S	20E	31	UT	GRAND	324HRMS	4173	4188	4225	5972	******	******	*******	****	1958
27N	95W	9	WY	FREMONT	311PSPR	3535	3580	6959	7154	******	******	*******	126	1957
27N	95W	18	WY	FREMONT	321TSLP	3595	3618	7040	7148	112.30	54.68	0.13	134	1956

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
27S	12E	9	UT	WAYNE	317CTLR	2700	2720	4445	5051	******	******	*******	100	1959
27S	13E	36	UT	WAYNE	324PRDX	5176	5355	4245	5235	******	******	*******	****	1958
27S	14E	17	UT	WAYNE	324PRDX	4908	4953	4810	5553	******	******	*******	100	1959
27S	15E	35	UT	WAYNE	317CTLR	3214	3253	3407	5516	******	******	*******	****	1956
27S	15E	35	UT	WAYNE	324HRMS	3534	3587	4190	5516	******	******	*******	****	1956
27S	15E	35	UT	WAYNE	324PRDX	5006	5171	4301	5516	******	******	*******	****	1956
27S	21E	3	UT	SAN JUAN	324HRMS	1940	2004	4108	4300	******	******	*******	100	1962
28N	81W	15	WY	CARBON	321TSLP	3325	3370	6071	7437	******	******	*******	****	1969
28N	92W	8	WY	FREMONT	321TSLP	8440	8465	6958	6484	******	******	*******	160	1954
28N	93W	4	WY	FREMONT	311PSPR	6297	6347	5718	7029	******	******	*******	****	1954
28N	93W	4	WY	FREMONT	321TSLP	6890	6912	6998	7093	******	******	*******	****	1952
28N	113W	19	WY	SUBLETTE	311PSPR	12653	12718	9448	7551	******	******	*******	261	1961
28N	113W	19	WY	SUBLETTE	321TSLP	12929	12997	9470	7551	0.53	0.12	0.00	260	1961
28S	8E	33	UT	WAYNE	310KIBB	3493	3530	4541	4823	******	******	*******	85	1975
28S	18E	12	UT	SAN JUAN	324PRDX	3255	3365	5037	6021	******	******	*******	100	1962
28S	22E	34	UT	SAN JUAN	324HRMS	4455	4534	4619	5789	******	******	*******	****	1957
28S	22E	34	UT	SAN JUAN	324HRMS	4575	4620	4694	5789	******	******	*******	****	1957
28S	23E	2	UT	SAN JUAN	324HRMS	7944	8012	1992	6850	******	******	*******	122	1961
29S	10E	8	UT	WAYNE	317OGRK	5102	5159	4127	4821	******	******	*******	****	1958
29S	10E	8	UT	WAYNE	324PRDX	7170	7240	4720	4821	******	******	*******	****	1958
29S	10E	8	UT	WAYNE	324PRDX	7390	7470	6618	4821	22.60	9.46	0.02	150	1958
29S	11E	2	UT	WAYNE	317CTLR	2787	2845	4188	4504	******	******	*******	****	1958
29S	12E	30	UT	WAYNE	310KIBB	2630	2663	4143	4727	******	******	*******	84	1969
29S	12E	33	UT	WAYNE	324HRMS	4954	4993	4876	4621	******	******	*******	****	1958
30S	12E	19	UT	WAYNE	317CDRM	3574	3615	3795	4890	******	******	*******	92	1967
30S	12E	19	UT	WAYNE	317CTLR	2900	2933	4077	4890	******	******	*******	88	1967
30S	12E	19	UT	WAYNE	324HRMS	4530	4583	3776	4890	******	******	*******	****	1967

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
30S	12E	19	UT	WAYNE	324HRMS	4865	4901	4007	4890	******	******	*******	102	1967
30S	12E	19	UT	WAYNE	324HRMS	5003	5040	3676	4890	******	******	*******	100	1967
30S	13E	4	UT	WAYNE	324PKTL	5540	5610	5388	5306	******	******	*******	89	1971
30S	13E	34	UT	WAYNE	324PRDX	4020	4071	3580	5400	******	******	*******	****	1957
30S	23E	17	UT	SAN JUAN	324PRDX	3992	4080	5892	5882	0.10	0.07	0.00	92	1978
30S	24E	2	UT	SAN JUAN	324PRDX	3169	3277	4759	6627	******	******	*******	110	1969
30S	25E	10	UT	SAN JUAN	317CTLR	3210	3239	5721	6749	10.60	7.31	0.02	100	1962
30S	25E	10	UT	SAN JUAN	324HRMS	3291	4617	6326	6742	******	******	*******	103	1962
30S	25E	10	UT	SAN JUAN	324HRMS	3291	3319	5641	6742	******	******	*******	79	1962
30S	25E	24	UT	SAN JUAN	324HRMS	4551	4648	5685	6525	5.30	3.36	0.01	110	1965
30S	26E	31	UT	SAN JUAN	317CTLR	2988	3030	5191	6376	******	******	*******	115	1964
30S	26E	31	UT	SAN JUAN	324HRMS	3291	3341	5792	6376	******	******	*******	115	1964
31S	2W	16	UT	GARFIELD	310KIBB	2996	3144	5544	6406	******	******	*******	114	1964
31S	12E	4	UT	GARFIELD	317DCLL	2251	2261	3969	4894	******	******	*******	110	1959
31S	12E	4	UT	GARFIELD	317OGRK	2870	2891	3790	4894	******	******	*******	100	1959
31S	12E	4	UT	GARFIELD	324HRMS	4019	4031	3758	4889	******	******	*******	120	1958
31S	12E	4	UT	GARFIELD	324HRMS	4019	4031	3758	4889	******	******	*******	120	1958
31S	12E	4	UT	GARFIELD	324HRMS	4022	4049	3557	4889	******	******	*******	120	1958
31S	12E	4	UT	GARFIELD	324PRDX	4902	4923	3075	4889	******	******	*******	130	1958
31S	12E	4	UT	GARFIELD	324PRDX	4922	4973	3549	4889	******	******	*******	****	1958
31S	12E	4	UT	GARFIELD	324RICO	3966	3979	3613	4894	0.92	0.48	0.00	128	1959
31S	15E	19	UT	GARFIELD	324PRDX	2839	2864	3708	4839	******	******	*******	****	1958
32N	15W	21	CO	MONTEZUMA	324PRDX	8528	8690	7159	5847	******	******	*******	160	1962
32N	15W	21	CO	MONTEZUMA	324PRDX	8691	8742	6135	5847	******	******	*******	160	1962
32N	19W	19	CO	MONTEZUMA	324PRDX	6241	6385	6105	4831	******	******	*******	****	1957
32S	15E	33	UT	GARFIELD	324HRMS	2760	2880	3352	5400	******	******	*******	****	1958
33N	14W	36	CO	LA PLATA	324PRDX	9498	9633	6088	6870	******	******	*******	****	1972

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
33N	20W	25	CO	MONTEZUMA	324PRDX	5800	5850	3856	4988	******	******	*******	****	1959
33N	20W	25	CO	MONTEZUMA	324PRDX	5850	5902	3588	4988	******	******	*******	****	1959
33S	26E	32	UT	SAN JUAN	324HRMS	5557	5712	6150	6826	******	******	*******	****	1958
34N	12W	29	CO	LA PLATA	324PRDX	9398	9433	6296	6851	******	******	*******	****	1959
34N	12W	32	CO	LA PLATA	324PRDX	9356	9499	6764	6925	******	******	*******	****	1959
34N	20W	1	CO	MONTEZUMA	324PRDX	5584	5685	4497	5235	******	******	*******	130	1966
34N	20W	1	CO	MONTEZUMA	324PRDX	5864	5904	3537	5235	******	******	*******	130	1966
34N	20W	2	CO	MONTEZUMA	324PRDX	5410	5441	4500	4921	******	******	*******	122	1964
34N	20W	11	CO	MONTEZUMA	324PRDX	5899	5947	4324	5194	******	******	*******	****	1959
34N	70W	3	CO	MONTEZUMA	324PRDX	5626	5672	4621	4874	0.36	0.17	0.00	136	1957
34S	2E	27	UT	GARFIELD	310KIBB	5098	5150	4769	6220	13.25	6.75	0.02	130	1974
34S	9E	2	UT	GARFIELD	317CTLR	5827	5850	4444	5404	******	******	*******	119	1961
34S	9E	2	UT	GARFIELD	317CTLR	5858	5991	4163	5404	******	******	*******	118	1961
35N	13W	3	CO	MONTEZUMA	324PRDX	7267	7352	7859	7562	******	******	*******	155	1964
35N	13W	14	CO	MONTEZUMA	324PRDX	7108	7334	2476	7434	******	******	*******	167	1963
35N	13W	14	CO	MONTEZUMA	324PRDX	7515	7353	7962	7434	******	******	*******	197	1963
35N	20W	15	CO	MONTEZUMA	324PRDX	5901	5938	4279	5328	******	******	*******	****	1959
35N	20W	16	CO	MONTEZUMA	324HRMS	5890	5917	4420	5084	******	******	*******	****	1958
35N	20W	27	CO	MONTEZUMA	324PRDX	5800	5870	4381	5226	******	******	*******	130	1962
35S	1E	34	UT	GARFIELD	310KIBB	6289	6379	4703	6758	******	******	*******	123	1972
35S	2W	7	UT	GARFIELD	317CDRM	8632	8702	4592	7990	******	******	*******	218	1965
35S	2W	35	UT	GARFIELD	317CDRM	9158	9191	3322	8110	0.44	0.17	0.00	164	1969
35S	3E	29	UT	GARFIELD	310KIBB	4558	4337	5749	5768	******	******	*******	128	1963
35S	3E	29	UT	GARFIELD	317DCLL	4870	4933	4528	5768	******	******	*******	132	1963
35S	3E	29	UT	GARFIELD	317WTRM	4985	5015	4520	5768	2.23	1.02	0.00	140	1963

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
35S	22E	33	UT	SAN JUAN	324PRDX	6098	6109	4460	6804	******	******	*******	****	1957
35S	26E	20	UT	SAN JUAN	324HRMS	7483	7584	5434	6793	******	******	*******	****	1955
35S	26E	20	UT	SAN JUAN	324RICO	4369	4452	6224	6793	******	******	*******	****	1955
36S	1E	24	UT	GARFIELD	310KIBB	6470	6530	3953	7268	******	******	*******	128	1968
36S	1E	25	UT	GARFIELD	310KIBB	6936	6980	4268	7519	******	******	*******	136	1968
36S	3E	15	UT	GARFIELD	317WTRM	4750	4895	4491	5806	******	******	*******	100	1973
36S	3E	15	UT	GARFIELD	317WTRM	5297	5320	4437	5806	1.20	0.79	0.00	105	1973
36S	4W	10	UT	GARFIELD	317DCLL	11122	11221	3459	7718	******	******	*******	****	1957
36S	4W	10	UT	GARFIELD	317WTRM	10987	11082	3677	7718	******	******	*******	190	1957
36S	5E	17	UT	GARFIELD	317WTRM	2493	2533	4424	5650	******	******	*******	78	1973
36S	5E	20	UT	GARFIELD	317WTRM	2303	2374	4518	5446	******	******	*******	84	1973
36S	6E	17	UT	GARFIELD	317WTRM	2330	2418	4512	5292	6.84	4.72	0.01	100	1971
36S	6E	18	UT	GARFIELD	317WTRM	2155	2207	4519	5292	2.27	1.35	0.00	118	1972
36S	11E	19	UT	GARFIELD	317CTLR	2900	3030	3999	4075	******	******	*******	102	1970
36S	25E	13	UT	SAN JUAN	324PRDX	5817	5890	8700	6107	17.20	7.59	0.02	144	1971
37N	14E	28	AZ	COCONINO	324HRMS	5702	5805	3817	6609	******	******	*******	****	1952
37N	19W	6	CO	MONTEZUMA	324PRDX	6114	6146	8885	6122	******	******	*******	****	1960
37N	117W	25	WY	LINCOLN	311PSPR	10515	14861	6121	6348	******	******	*******	285	1972
37S	2E	7	UT	GARFIELD	317CDRM	7850	7964	3522	7243	4.40	2.01	0.00	140	1969
37S	2E	8	UT	GARFIELD	310KIBB	6921	6967	4507	7095	******	******	*******	****	1952
37S	18E	13	UT	SAN JUAN	324HRMS	2014	2030	8012	6877	******	******	*******	****	1957
37S	23E	25	UT	SAN JUAN	324PRDX	5845	5930	4823	5537	******	******	*******	****	1957
37S	23E	25	UT	SAN JUAN	324PRDX	6095	6149	7345	5537	******	******	*******	****	1957
38N	15W	20	CO	MONTEZUMA	317CTLR	3188	3229	6109	6767	******	******	*******	100	1960
38N	15W	26	CO	MONTEZUMA	324PRDX	5418	5485	6503	7580	******	******	*******	****	1970

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED (FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
38N	30E	12	AZ	APACHE	320MOLS	4000	4049	6197	6878	0.71	0.45	0.00	110	1968
38S	2E	16	UT	KANE	310KIBB	8086	8150	4249	7018	******	******	*******	144	1969
38S	2W	5	UT	KANE	317CDRM	5755	5832	3353	5969	******	******	*******	94	1971
38S	2W	5	UT	KANE	317WTRM	4750	4830	3338	5969	******	******	*******	100	1971
38S	2W	31	UT	KANE	317CDRM	5204	5239	3538	6115	******	******	*******	140	1975
38S	3E	8	UT	KANE	310KIBB	7135	7152	4281	6723	0.45	0.26	0.00	120	1970
38S	21E	6	UT	SAN JUAN	324HRMS	2950	3029	3762	4870	******	******	*******	****	1958
38S	21E	6	UT	SAN JUAN	324PRDX	3352	3460	3673	4870	******	******	*******	****	1958
38S	22E	28	UT	SAN JUAN	324PRDX	5905	5955	3784	5009	******	******	*******	117	1961
39N	14W	18	CO	DOLORES	317CTLR	3959	3991	6030	8007	******	******	*******	110	1969
39N	14W	19	CO	MONTEZUMA	317CTLR	2783	2874	6049	7975	******	******	*******	****	1958
39N	14W	19	CO	MONTEZUMA	324HRMS	5285	5341	6154	7975	******	******	*******	****	1958
39N	14W	19	CO	MONTEZUMA	324HRMS	5347	5391	6357	7975	******	******	*******	****	1958
39N	19W	33	CO	MONTEZUMA	324PRDX	6139	6169	8653	6708	******	******	*******	****	1954
39N	25E	28	AZ	APACHE	324PRDX	4407	4474	4113	4982	******	******	*******	104	1964
39S	7E	34	UT	KANE	310KIBB	3134	3173	4438	4795	3.90	2.45	0.01	111	1969
39S	8E	28	UT	KANE	317WTRM	2741	2757	4273	4700	61.90	43.47	0.11	98	1972
39S	13E	24	UT	SAN JUAN	324MOLS	5011	5231	3763	5780	******	******	*******	****	1958
39S	15E	7	UT	SAN JUAN	324PRDX	2888	3073	3899	5043	******	******	*******	100	1960
39S	21E	11	UT	SAN JUAN	324PRDX	5732	5790	4457	4808	******	******	*******	139	1971
39S	21E	14	UT	SAN JUAN	324PRDX	5630	5680	4040	4672	******	******	*******	120	1964
39S	22E	18	UT	SAN JUAN	324PRDX	5541	5557	4189	4590	******	******	*******	128	1966
39S	22E	33	UT	SAN JUAN	324PRDX	5857	5877	4208	4910	******	******	*******	132	1963
39S	23E	6	UT	SAN JUAN	324PRDX	6051	6115	4019	4905	******	******	*******	130	1959

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
39S	24E	31	UT	SAN JUAN	324PRDX	6086	6159	4085	5047	******	******	*******	****	1956
40N	16W	26	CO	DOLORES	324PRDX	5700	5810	8149	8331	******	******	*******	****	1955
40N	19W	29	CO	DOLORES	324HRMS	5676	5708	5473	6468	******	******	*******	****	1958
40N	20W	12	CO	DOLORES	317CTLR	4149	4167	6238	6694	******	******	*******	****	1956
40S	2E	19	UT	KANE	317WTRM	8630	8685	3152	6164	******	******	*******	150	1969
40S	5E	5	UT	KANE	317DCLL	6516	6540	4390	6234	******	******	*******	****	1953
40S	5E	5	UT	KANE	320PSLV	8776	8800	3543	6234	******	******	*******	****	1954
40S	20E	9	UT	SAN JUAN	324PKTL	2380	2420	3288	5033	******	******	*******	****	1957
40S	21E	12	UT	SAN JUAN	324HRMS	5488	5584	3992	4644	******	******	*******	146	1960
40S	21E	12	UT	SAN JUAN	324HRMS	5624	5751	3846	4644	******	******	*******	144	1960
40S	21E	33	UT	SAN JUAN	324PRDX	4801	4821	928	4387	******	******	*******	120	1959
40S	22E	4	UT	SAN JUAN	324PRDX	5936	6080	4348	4898	******	******	*******	130	1958
40S	22E	4	UT	SAN JUAN	324PRDX	6025	6190	4012	5040	******	******	*******	128	1964
40S	22E	5	UT	SAN JUAN	324PRDX	5843	5940	4198	4820	******	******	*******	118	1972
40S	22E	8	UT	SAN JUAN	324PRDX	5630	5674	4065	4731	******	******	*******	118	1963
40S	22E	10	UT	SAN JUAN	324HRMS	5585	5625	4560	4659	******	******	*******	129	1959
40S	22E	13	UT	SAN JUAN	324PRDX	5555	5630	5048	4750	******	******	*******	****	1957
40S	22E	15	UT	SAN JUAN	324PRDX	5758	5827	4323	4744	******	******	*******	****	1959
40S	22E	21	UT	SAN JUAN	324HRMS	5333	5353	4196	4535	******	******	*******	120	1958
40S	22E	21	UT	SAN JUAN	324PRDX	5350	5382	4173	4535	******	******	*******	120	1958
40S	22E	35	UT	SAN JUAN	324PRDX	5374	5411	1979	4604	******	******	*******	****	1958
40S	23E	1	UT	SAN JUAN	324PRDX	6210	6265	3896	5265	******	******	*******	****	1957
40S	23E	4	UT	SAN JUAN	324PRDX	5454	5529	3887	4755	******	******	*******	****	1956
40S	23E	14	UT	SAN JUAN	324PRDX	5627	5700	4432	4756	******	******	*******	****	1956

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
40S	23E	20	UT	SAN JUAN	324PRDX	5380	5513	4145	4547	******	******	*******	120	1962
40S	23E	20	UT	SAN JUAN	324PRDX	5540	5666	3865	4547	******	******	*******	****	1962
40S	23E	21	UT	SAN JUAN	324HRMS	5320	5373	4059	4492	******	******	*******	****	1956
40S	23E	26	UT	SAN JUAN	324PRDX	5660	5745	3716	4483	******	******	*******	122	1961
40S	24E	4	UT	SAN JUAN	324PRDX	6100	6180	4549	5196	******	******	*******	120	1967
40S	24E	7	UT	SAN JUAN	324PRDX	6165	6240	1194	5201	******	******	*******	****	1957
40S	24E	18	UT	SAN JUAN	324PRDX	5835	5920	8941	5034	******	******	*******	****	1956
40S	25E	5	UT	SAN JUAN	324PRDX	5885	6050	836	5137	******	******	*******	128	1962
40S	25E	5	UT	SAN JUAN	324PRDX	6005	6050	4754	5137	******	******	*******	131	1962
40S	25E	11	UT	SAN JUAN	324PRDX	5955	6036	4296	5305	0.20	0.10	0.00	131	1958
40S	25E	13	UT	SAN JUAN	324PRDX	5707	5745	4347	5027	******	******	*******	130	1967
40S	25E	14	UT	SAN JUAN	324HRMS	5788	5843	4184	5090	******	******	*******	****	1956
40S	25E	14	UT	SAN JUAN	324HRMS	5794	5824	3986	5090	******	******	*******	****	1956
40S	25E	21	UT	SAN JUAN	324PRDX	5780	5854	4479	5023	******	******	*******	****	1957
40S	25E	25	UT	SAN JUAN	324PRDX	5712	5765	4850	5025	******	******	*******	122	1961
40S	25E	26	UT	SAN JUAN	324PRDX	5694	5694	4635	4951	******	******	*******	130	1966
40S	26E	16	UT	SAN JUAN	324HRMS	5575	5654	4390	4933	******	******	*******	****	1956
40S	26E	16	UT	SAN JUAN	324PRDX	5995	6037	4474	5318	1.24	0.67	0.00	125	1958
41N	17W	11	CO	DOLORES	324HRMS	4031	4088	5913	8300	******	******	*******	120	1957
41N	17W	11	CO	DOLORES	324PRDX	5785	5905	5927	8285	******	******	*******	****	1957
41N	28E	3	AZ	APACHE	324HRMS	4620	4707	4214	5307	******	******	*******	****	1954
41N	28E	3	AZ	APACHE	324PRDX	5669	5693	4073	5307	******	******	*******	****	1954
41N	28E	3	AZ	APACHE	324PRDX	5945	6032	4163	5307	******	******	*******	****	1954
41N	28E	22	AZ	APACHE	324PRDX	5201	5285	5030	5445	******	******	*******	****	1956
41N	28E	22	AZ	APACHE	324PRDX	5362	5415	4203	5445	******	******	*******	****	1956

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
41N	29E	4	AZ	APACHE	324PRDX	4912	4957	5833	5217	******	******	*******	115	1967
41N	29E	4	AZ	APACHE	324PRDX	5050	5100	4847	5217	******	******	*******	115	1967
41N	29E	4	AZ	APACHE	324PRDX	5415	5465	5406	5217	******	******	*******	118	1967
41N	29E	6	AZ	APACHE	320MOLS	5738	5819	4034	5248	******	******	*******	****	1954
41N	29E	6	AZ	APACHE	324HRMS	4886	4978	4207	5248	******	******	*******	****	1954
41N	29E	6	AZ	APACHE	324HRMS	5200	5304	3790	5248	******	******	*******	114	1954
41N	29E	29	AZ	APACHE	324PRDX	5216	5231	5092	5446	13.60	7.73	0.02	122	1961
41N	30E	10	AZ	APACHE	324PRDX	5107	5177	4844	4891	******	******	*******	****	1957
41N	30E	23	AZ	APACHE	324PRDX	5165	5196	5607	5088	******	******	*******	120	1963
41N	30E	23	AZ	APACHE	324PRDX	5460	5536	4744	5088	******	******	*******	125	1963
41N	31E	7	AZ	APACHE	324PRDX	5460	5517	4882	5016	******	******	*******	122	1963
41N	31E	19	AZ	APACHE	324PRDX	5049	5105	5141	5031	******	******	*******	****	1956
41N	31E	19	AZ	APACHE	324PRDX	5104	5129	5000	5031	******	******	*******	****	1956
41S	7E	19	UT	KANE	317CTLR	3180	3225	4352	4157	******	******	*******	100	1970
41S	21E	24	UT	SAN JUAN	324PRDX	5433	5466	4521	4897	******	******	*******	****	1959
41S	21E	28	UT	SAN JUAN	324PRDX	4927	5035	3936	4563	******	******	*******	120	1971
41S	21E	35	UT	SAN JUAN	324HRMS	4995	5050	4170	4680	******	******	*******	****	1957
41S	21E	35	UT	SAN JUAN	324PRDX	5527	5665	3742	4680	******	******	*******	****	1957
41S	22E	1	UT	SAN JUAN	324PRDX	5558	5657	2260	4849	******	******	*******	****	1956
41S	22E	9	UT	SAN JUAN	324HRMS	5621	5637	4222	4914	******	******	*******	120	1958
41S	22E	9	UT	SAN JUAN	324PRDX	5621	5689	4313	4914	******	******	*******	120	1958
41S	22E	23	UT	SAN JUAN	324PRDX	5562	5588	4156	4965	******	******	*******	120	1958
41S	22E	23	UT	SAN JUAN	324PRDX	5620	5865	2910	4965	******	******	*******	120	1958
41S	23E	12	UT	SAN JUAN	324PRDX	5557	5606	4190	4708	******	******	*******	****	1956
41S	24E	1	UT	SAN JUAN	324PRDX	5645	5738	3775	4681	******	******	*******	****	1958
41S	24E	27	UT	SAN JUAN	324PRDX	5510	5590	4224	4675	******	******	*******	****	1957
41S	25E	1	UT	SAN JUAN	324PRDX	5550	5635	4136	4796	******	******	*******	120	1967

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
41S	25E	8	UT	SAN JUAN	324PRDX	5531	5592	4084	4676	******	******	*******	****	1957
41S	25E	13	UT	SAN JUAN	324PRDX	5651	5667	2804	4780	******	******	*******	140	1964
41S	25E	14	UT	SAN JUAN	324PRDX	5541	5601	4487	4766	******	******	*******	****	1959
41S	25E	17	UT	SAN JUAN	324PRDX	5351	5452	4097	4542	******	******	*******	****	1957
41S	25E	26	UT	SAN JUAN	324HRMS	5364	5394	4818	4612	******	******	*******	****	1959
41S	25E	26	UT	SAN JUAN	324PRDX	5503	5549	4477	4738	******	******	*******	154	1959
41S	25E	31	UT	SAN JUAN	324PRDX	5720	5835	3998	5067	******	******	*******	125	1963
41S	26E	5	UT	SAN JUAN	324PRDX	5537	5553	4357	4787	******	******	*******	136	1964
41S	26E	5	UT	SAN JUAN	324PRDX	5790	5863	4451	5138	******	******	*******	123	1966
41S	26E	19	UT	SAN JUAN	324HRMS	5946	6016	4676	5130	******	******	*******	****	1957
41S	26E	27	UT	SAN JUAN	324PRDX	5748	5784	4871	4928	******	******	*******	130	1964
41S	26E	28	UT	SAN JUAN	324PRDX	5798	5813	3539	4922	******	******	*******	125	1974
41S	26E	30	UT	SAN JUAN	324HRMS	5896	5921	4471	5071	******	******	*******	127	1959
41S	26E	30	UT	SAN JUAN	324HRMS	5896	5921	4483	5071	******	******	*******	****	1959
41S	26E	30	UT	SAN JUAN	324PRDX	6018	6148	4324	5071	******	******	*******	127	1959
41S	26E	31	UT	SAN JUAN	324PRDX	5396	5444	4049	4675	******	******	*******	120	1967
42N	18W	14	CO	SAN MIGUEL	324HRMS	2529	2553	5701	5907	******	******	*******	112	1958
42S	21E	2	UT	SAN JUAN	324PRDX	5730	5782	4188	4665	******	******	*******	****	1957
42S	22E	1	UT	SAN JUAN	324PRDX	5528	5547	3968	4694	******	******	*******	130	1963
42S	22E	7	UT	SAN JUAN	324PRDX	5239	5369	5642	4817	******	******	*******	120	1957
42S	22E	16	UT	SAN JUAN	324PRDX	5550	5648	3847	4920	0.94	0.40	0.00	148	1960
42S	22E	28	UT	SAN JUAN	324PRDX	4681	4760	3552	4945	3.85	2.26	0.01	120	1956
42S	23E	18	UT	SAN JUAN	324PKTL	6436	6636	4070	5337	******	******	*******	****	1958
42S	23E	18	UT	SAN JUAN	324PRDX	5665	5730	4051	5337	******	******	*******	****	1958

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
42S	23E	25	UT	SAN JUAN	324PRDX	6652	6706	4316	5749	******	******	*******	****	1959
42S	23E	27	UT	SAN JUAN	324PRDX	5650	5750	4666	4904	******	******	*******	****	1957
42S	23E	27	UT	SAN JUAN	324PRDX	6118	6220	4100	4898	******	******	*******	****	1957
42S	25E	7	UT	SAN JUAN	324PRDX	5490	5645	3797	4825	******	******	*******	132	1963
42S	26E	9	UT	SAN JUAN	324PRDX	5683	5708	4435	4732	6.30	3.29	0.01	128	1966
42S	26E	9	UT	SAN JUAN	324PRDX	5712	5765	4416	4782	******	******	*******	130	1962
42S	26E	29	UT	SAN JUAN	324PRDX	5779	5807	4380	4782	******	******	*******	129	1962
42S	26E	32	UT	SAN JUAN	324PRDX	5746	5832	4220	4750	******	******	*******	****	1964
43N	11W	11	CO	SAN MIGUEL	317CTLR	2647	2708	7982	7442	******	******	*******	97	1960
43S	20E	6	UT	SAN JUAN	324PRDX	3834	4023	4079	4650	******	******	*******	****	1958
43S	20E	36	UT	SAN JUAN	324PRDX	4800	4896	4325	4941	******	******	*******	110	1963
43S	20E	36	UT	SAN JUAN	324PRDX	4895	4970	4096	4941	******	******	*******	115	1963
43S	22E	4	UT	SAN JUAN	324PRDX	4747	4791	3990	5037	******	******	*******	****	1955
43S	22E	6	UT	SAN JUAN	324HRMS	4930	4972	4092	4803	******	******	*******	****	1958
43S	22E	15	UT	SAN JUAN	324PRDX	4279	4321	4028	4925	******	******	*******	****	1957
43S	22E	16	UT	SAN JUAN	324PRDX	4279	4320	3969	4948	******	******	*******	110	1966
43S	22E	16	UT	SAN JUAN	324PRDX	4325	4350	3497	4948	60.80	38.57	0.09	110	1966
43S	22E	21	UT	SAN JUAN	324PRDX	4464	4526	4189	5403	******	******	*******	****	1958
43S	22E	21	UT	SAN JUAN	324PRDX	4643	4694	4044	5403	******	******	*******	****	1958
43S	23E	4	UT	SAN JUAN	324PRDX	5879	5920	4244	5135	******	******	*******	140	1963
43S	23E	25	UT	SAN JUAN	324HRMS	4820	4913	4157	5371	******	******	*******	****	1956
43S	23E	25	UT	SAN JUAN	324PRDX	5041	5214	3957	5371	******	******	*******	****	1956
43S	24E	4	UT	SAN JUAN	324PRDX	5525	5664	7490	5316	******	******	*******	****	1957
43S	24E	4	UT	SAN JUAN	324PRDX	5917	6037	4508	5316	******	******	*******	****	1957
43S	24E	4	UT	SAN JUAN	324PRDX	5970	6096	3885	5818	******	******	*******	122	1962

Table 9.--*Drill-stem test data for upper Paleozoic aquifers and confining layers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
43S	24E	6	UT	SAN JUAN	324PRDX	6070	6265	3960	5508	******	******	*******	****	1955
43S	24E	11	UT	SAN JUAN	324PRDX	5804	5950	4697	5231	******	******	*******	130	1958
43S	24E	12	UT	SAN JUAN	324PRDX	5470	5505	4091	5166	9.70	4.94	0.01	130	1961
43S	24E	12	UT	SAN JUAN	324PRDX	5525	5578	4321	5166	0.72	0.30	0.00	152	1961
43S	24E	13	UT	SAN JUAN	324PRDX	5302	5367	4474	5144	******	******	*******	112	1960
43S	24E	13	UT	SAN JUAN	324PRDX	5310	5365	4280	5104	******	******	*******	130	1961
43S	24E	13	UT	SAN JUAN	324PRDX	5350	5391	4102	5145	******	******	*******	149	1961
43S	24E	20	UT	SAN JUAN	324PRDX	5444	5504	4243	5236	******	******	*******	****	1957
43S	24E	26	UT	SAN JUAN	324PRDX	5044	5073	4299	5076	******	******	*******	136	1963
43S	24E	26	UT	SAN JUAN	324PRDX	5056	5066	4293	5076	******	******	*******	114	1963
43S	25E	7	UT	SAN JUAN	324PRDX	5345	5377	4019	5140	******	******	*******	120	1961
43S	25E	10	UT	SAN JUAN	324PRDX	6038	6085	4441	5312	******	******	*******	****	1957
43S	25E	14	UT	SAN JUAN	324PRDX	5698	5730	4420	4942	0.46	0.23	0.00	130	1963
43S	25E	16	UT	SAN JUAN	324PRDX	5567	5585	4350	4990	******	******	*******	158	1961
43S	25E	16	UT	SAN JUAN	324PRDX	5589	5603	4245	5067	******	******	*******	114	1963
43S	25E	16	UT	SAN JUAN	324PRDX	5602	5618	4173	5067	******	******	*******	114	1963
43S	25E	21	UT	SAN JUAN	324PRDX	5504	5525	4031	5059	******	******	*******	131	1963
43S	25E	28	UT	SAN JUAN	324PRDX	5494	5479	4320	5120	******	******	*******	110	1963
43S	25E	32	UT	SAN JUAN	324PRDX	5162	5438	4806	5160	******	******	*******	130	1966
44N	16W	34	CO	SAN MIGUEL	320PSLV	7175	7208	5243	6575	******	******	*******	140	1966
44N	17W	14	CO	SAN MIGUEL	321HKTL	9148	9285	5546	6590	******	******	*******	176	1968

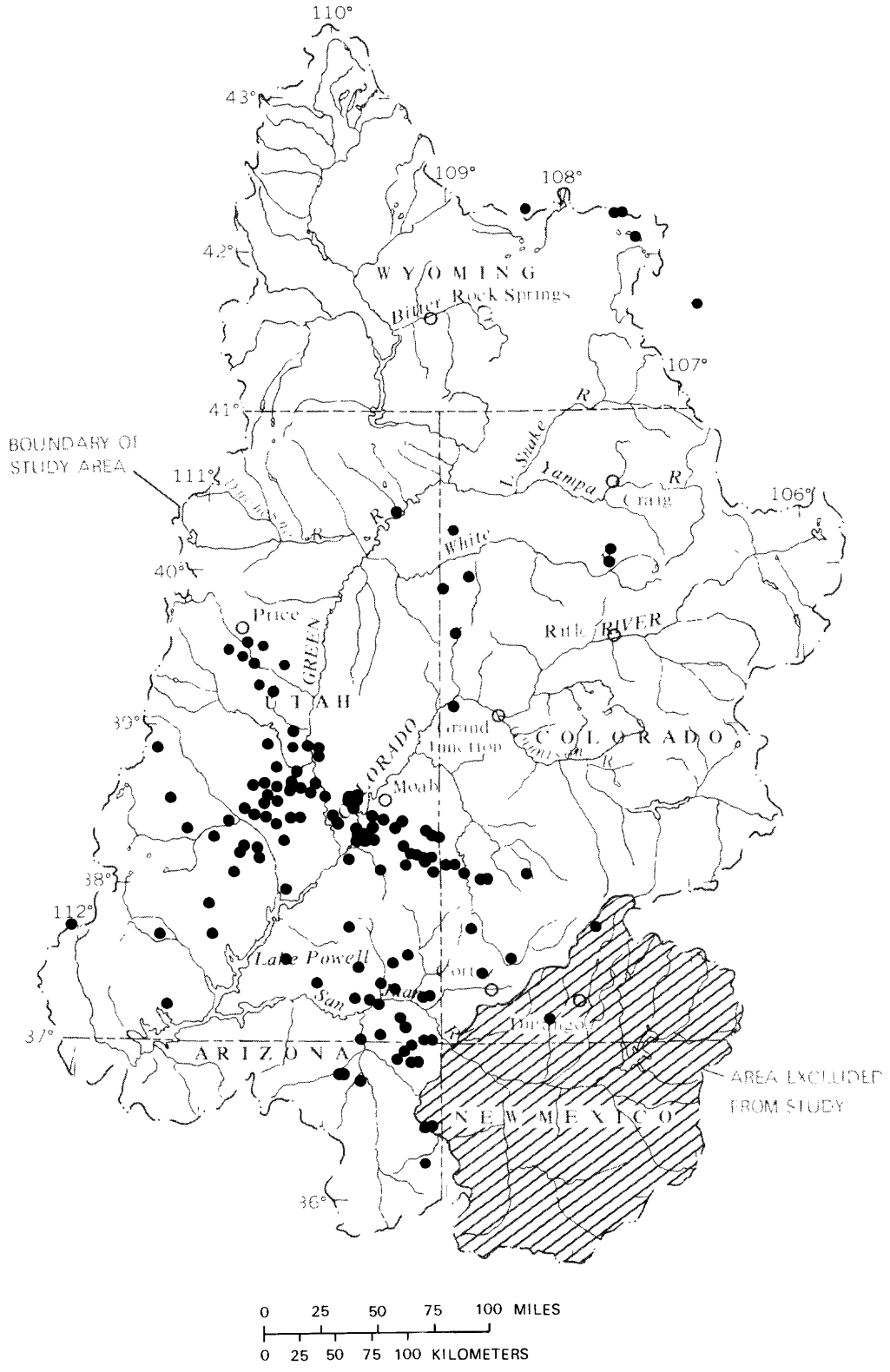

Figure 14.--Location of drill-stem test data for middle Paleozoic aquifers.

Table 10.--*Drill-stem test data for middle Paleozoic aquifers*

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED (FEET) TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
1N	91W	18	CO	RIO BLANCO	331MDSN	3546	3656	7011	8559	******	******	*******	****	1967
1S	102W	14	CO	RIO BLANCO	331MDSN	10840	10984	5824	6071	******	******	*******	190	1960
2N	91W	19	CO	RIO BLANCO	331LDVL	1983	2045	7805	8635	******	******	*******	****	1962
2S	104W	12	CO	RIO BLANCO	331LDVL	11555	11634	5833	6903	******	******	*******	****	1955
3N	103W	3	CO	MOFFAT	331MDSN	4387	4563	5724	6374	******	******	*******	110	1961
5S	22E	23	UT	UINTAH	331MDSN	6190	6391	5137	4913	******	******	*******	130	1962
5S	103W	25	CO	GARFIELD	330MSSP	8553	8600	6411	7606	******	******	*******	160	1963
6N	6W	20	AZ	APACHE	341ELBR	2644	2674	6685	7550	29.10	22.88	0.06	86	1968
12N	23E	25	AZ	NAVAJO	341ANTH	4148	4250	5159	6253	******	******	*******	****	1959
15S	10E	26	UT	CARBON	330RDLL	10058	10165	5393	5500	******	******	*******	****	1958
15S	12E	7	UT	CARBON	330MSSP	7373	7423	4881	5960	******	******	*******	145	1963
15S	12E	7	UT	CARBON	340DVNN	8184	8311	4541	5960	******	******	*******	161	1963
15S	13E	17	UT	CARBON	330MSSP	7990	8080	4691	5863	******	******	*******	158	1970
16N	18E	9	AZ	NAVAJO	340DVNN	3625	3688	5672	5688	******	******	*******	****	1959
16N	20E	5	AZ	NAVAJO	340DVNN	3627	3722	5612	5429	******	******	*******	****	1959
16S	11E	11	UT	EMERY	330MSSP	8150	8275	5082	5365	******	******	*******	****	1965
16S	12E	27	UT	EMERY	331MDSN	6998	7132	4669	5821	******	******	*******	****	1957
16S	14E	25	UT	EMERY	330MSSP	12223	12362	5662	6660	******	******	*******	140	1959
18S	12E	12	UT	EMERY	330MSSP	5050	5150	4506	5302	******	******	*******	****	1953
18S	14E	30	UT	EMERY	330MSSP	6963	7083	4545	5130	12.80	5.86	0.01	140	1962
20N	84W	28	WY	CARBON	331MDSN	10060	10194	7247	6920	******	******	*******	****	1971
21S	15E	24	UT	EMERY	330MSSP	9555	9652	5338	4225	******	******	*******	170	1961
22S	5E	34	UT	SEVIER	330MSSP	9639	9658	4578	6354	******	******	*******	199	1962

Table 10.--*Drill-stem test data for middle Paleozoic aquifers*--Continued

LOCATION						INTERVAL TESTED(FEET)				PERMEABILITY		HYDRAULIC		
TOWN-SHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	(MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
22S	13E	24	UT	EMERY	330MSSP	6615	6640	4611	4729	******	******	*******	140	1964
22S	13E	24	UT	EMERY	330MSSP	6645	6755	4661	4729	******	******	*******	****	1964
22S	15E	26	UT	EMERY	330MSSP	8382	8490	4804	4390	******	******	*******	****	1957
22S	16E	25	UT	GRAND	331MDSN	9225	9280	4761	4130	******	******	*******	160	1973
22S	17E	34	UT	GRAND	330MSSP	10053	10173	4635	4220	******	******	*******	157	1958
23S	17E	15	UT	GRAND	330MSSP	8559	8623	4681	4281	******	******	*******	140	1961
24S	14E	10	UT	EMERY	330MSSP	6120	6353	4839	4320	2.99	1.90	0.00	110	1972
24S	16E	19	UT	EMERY	330RDLL	7968	8067	4497	4773	******	******	*******	****	1958
25N	88W	31	WY	CARBON	331MDSN	5935	6015	7313	6486	******	******	*******	****	1966
25S	12E	24	UT	EMERY	331MDSN	5530	5600	4381	5042	******	******	*******	****	1959
25S	13E	14	UT	EMERY	340DVNN	4670	4741	4355	4898	0.31	0.21	0.00	100	1959
25S	14E	22	UT	EMERY	330MSSP	4675	4780	4399	4760	******	******	*******	120	1961
25S	14E	22	UT	EMERY	340DVNN	5340	5481	4282	4760	******	******	*******	130	1961
25S	15E	15	UT	EMERY	330MSSP	6230	6470	4340	4937	******	******	*******	170	1963
25S	15E	22	UT	EMERY	330MSSP	6085	6220	4411	4827	******	******	*******	116	1958
25S	15E	32	UT	EMERY	331LDVL	5631	5843	4290	5116	******	******	*******	****	1956
25S	16E	29	UT	EMERY	330MSSP	6481	6595	3524	4853	******	******	*******	150	1957
25S	175E	20	UT	GRAND	330MSSP	6361	6386	4440	4620	******	******	*******	140	1961
26N	90W	10	WY	SWEETWATER	331MDSN	5854	5904	3602	6861	******	******	*******	158	1956
26N	90W	10	WY	SWEETWATER	331MDSN	5904	5934	3668	6861	******	******	*******	****	1956
26N	90W	12	WY	SWEETWATER	331MDSN	7534	7599	6083	6877	******	******	*******	****	1954
26S	7E	19	UT	EMERY	330MSSP	5420	5530	4634	5962	******	******	*******	130	1960
26S	7E	19	UT	EMERY	340DVNN	6300	6704	4686	5962	******	******	*******	140	1960
26S	13E	35	UT	EMERY	330MSSP	5940	6040	4395	5654	50.10	18.47	0.04	167	1963

Table 10.--*Drill-stem test data for middle Paleozoic aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
26S	14E	7	UT	EMERY	331MDSN	5619	5750	4332	5121	******	******	*******	140	1959
26S	14E	26	UT	EMERY	330MSSP	6500	6700	4344	5635	******	******	*******	124	1958
26S	17E	5	UT	EMERY	330MSSP	6270	6350	4364	5051	******	******	*******	140	1962
26S	18E	7	UT	GRAND	330MSSP	6978	7086	4324	5062	******	******	*******	****	1958
26S	19E	11	UT	GRAND	330MSSP	7869	7984	4539	6157	******	******	*******	****	1956
26S	19E	14	UT	GRAND	330MSSP	7496	7544	4558	6021	******	******	*******	****	1957
26S	20E	9	UT	GRAND	330MSSP	7608	7678	4606	5793	******	******	*******	150	1962
26S	20E	9	UT	GRAND	341ELBR	7920	7946	4505	5793	******	******	*******	128	1962
26S	20E	29	UT	GRAND	330MSSP	7680	7701	4565	5936	******	******	*******	****	1960
26S	20E	31	UT	GRAND	330MSSP	7543	7583	4532	5972	******	******	*******	****	1958
26S	20E	31	UT	GRAND	330MSSP	7592	7669	4484	5972	******	******	*******	****	1958
27N	97W	24	WY	FREMONT	331MDSN	1453	1495	6885	7072	******	******	*******	98	1959
27S	12E	9	UT	WAYNE	330MSSP	6210	6430	4326	5037	******	******	*******	****	1959
27S	13E	30	UT	WAYNE	330MSSP	6549	6685	4259	5028	******	******	*******	140	1962
27S	13E	36	UT	WAYNE	330MSSP	6712	6820	4294	5235	******	******	*******	****	1958
27S	15E	35	UT	WAYNE	330MSSP	5165	5410	4329	5516	******	******	*******	****	1956
27S	16E	33	UT	WAYNE	330MSSP	5894	5994	4396	5719	******	******	*******	104	1961
27S	18E	26	UT	SAN JUAN	330MSSP	6260	6400	4544	5732	0.81	0.37	0.00	140	1963
27S	20E	6	UT	SAN JUAN	330MSSP	6230	6286	4475	4440	******	******	*******	****	1962
27S	21E	3	UT	SAN JUAN	330MSSP	6150	6274	4477	4300	******	******	*******	****	1963
27S	22E	32	UT	SAN JUAN	330MSSP	7210	7248	4467	5491	******	******	*******	122	1971
27S	22E	32	UT	SAN JUAN	330MSSP	7264	7340	4586	5491	******	******	*******	122	1971
28S	8E	29	UT	WAYNE	330MSSP	6556	6618	4554	5094	******	******	*******	****	1955
28S	11E	5	UT	WAYNE	330MSSP	7100	7301	4233	4618	2.62	1.10	0.00	150	1961

Table 10.--*Drill-stem test data for middle Paleozoic aquifers*--Continued

TOWNSHIP	RANGE	SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	INTERVAL TESTED(FEET) BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	PERMEABILITY (MILLIDARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
28S	14E	14	UT	WAYNE	330MSSP	6800	6975	4090	5649	1.13	0.52	0.00	140	1959
28S	18E	12	UT	SAN JUAN	330MSSP	5505	5590	4349	6021	******	******	*******	130	1962
28S	18E	12	UT	SAN JUAN	340DVNN	6145	6230	4583	6021	******	******	*******	130	1962
28S	18E	12	UT	SAN JUAN	341ELBR	6289	6371	4499	6021	******	******	*******	140	1962
28S	19E	18	UT	SAN JUAN	330MSSP	6237	6325	4491	6275	0.39	0.25	0.00	108	1961
28S	20E	22	UT	SAN JUAN	330MSSP	5120	5220	4351	4529	******	******	*******	****	1957
28S	20E	22	UT	SAN JUAN	341ELBR	5934	5990	4393	4529	******	******	*******	****	1957
28S	20E	23	UT	SAN JUAN	330MSSP	4680	4712	4095	4585	22.40	13.55	0.03	116	1961
28S	21E	22	UT	SAN JUAN	330MSSP	7726	7786	4443	5998	******	******	*******	****	1961
28S	21E	31	UT	SAN JUAN	330MSSP	3589	3714	4508	4354	0.64	0.35	0.00	125	1964
28S	23E	2	UT	SAN JUAN	330MSSP	10355	10427	4339	6850	5.30	1.80	0.00	180	1961
28S	23E	17	UT	SAN JUAN	330MSSP	8246	8385	4558	5746	******	******	*******	130	1963
28S	25E	28	UT	SAN JUAN	330MSSP	12339	12440	1653	7445	******	******	*******	180	1963
28S	25E	28	UT	SAN JUAN	330MSSP	12475	12572	4741	7445	7.70	2.82	0.01	168	1963
28S	25E	36	UT	SAN JUAN	330MSSP	12406	12467	4759	7644	******	******	*******	168	1965
29S	10E	8	UT	WAYNE	331LDVL	7920	7953	3924	4821	******	******	*******	****	1958
29S	10E	8	UT	WAYNE	341ELBR	6035	6060	3571	4831	1.39	0.82	0.00	120	1958
29S	12E	33	UT	WAYNE	330MSSP	2151	2196	4806	4621	******	******	*******	112	1958
29S	15E	20	UT	WAYNE	331LDVL	6685	6846	4283	6246	******	******	*******	****	1958
29S	20E	4	UT	SAN JUAN	330MSSP	4193	4240	4417	4585	******	******	*******	95	1959
29S	20E	4	UT	SAN JUAN	330MSSP	4334	4344	4210	4585	******	******	*******	****	1959
29S	20E	15	UT	SAN JUAN	330MSSP	4968	5013	4561	4603	2.59	1.79	0.00	100	1971
29S	21E	15	UT	SAN JUAN	330MSSP	7490	7675	4429	6282	******	******	*******	135	1975
29S	21E	15	UT	SAN JUAN	330MSSP	7677	7765	4585	6282	******	******	*******	135	1975
29S	21E	15	UT	SAN JUAN	330MSSP	7775	7868	4528	6282	0.92	0.54	0.00	119	1975
29S	21E	15	UT	SAN JUAN	341ELBR	8214	8420	4516	6282	******	******	*******	120	1975
29S	21E	18	UT	SAN JUAN	330MSSP	6420	6540	4661	6199	******	******	*******	104	1961
29S	23E	25	UT	SAN JUAN	330MSSP	9412	9571	5209	6248	******	******	*******	140	1977

Table 10.--*Drill-stem test data for middle Paleozoic aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
29S	26E	5	UT	SAN JUAN	330MSSP	11406	11557	4920	7323	0.26	0.10	0.00	164	1964
30S	2W	30	UT	PIUTE	330MSSP	4150	4250	5522	6350	******	******	*******	172	1966
30S	12E	19	UT	WAYNE	330MSSP	5918	6026	3979	4890	******	******	*******	115	1967
30S	13E	4	UT	WAYNE	330RDLL	6043	6129	4260	5306	******	******	*******	93	1971
30S	13E	34	UT	WAYNE	330MSSP	5595	6000	4078	5400	******	******	*******	****	1957
30S	20E	19	UT	SAN JUAN	330MSSP	4428	4528	3697	5009	0.60	0.41	0.00	102	1961
30S	24E	9	UT	SAN JUAN	330MSSP	8870	8956	4561	6294	******	******	******	****	1960
30S	24E	10	UT	SAN JUAN	341ELBR	8261	8382	4681	6573	******	******	*******	****	1959
30S	24E	12	UT	SAN JUAN	341ELBR	9038	9162	4458	6358	0.20	0.09	0.00	142	1960
30S	24E	30	UT	SAN JUAN	330MSSP	8177	8289	4427	5812	******	******	*******	149	1963
30S	25E	16	UT	SAN JUAN	330MSSP	9260	9400	6413	6861	******	******	*******	154	1962
30S	25E	18	UT	SAN JUAN	330MSSP	9009	9100	4245	6339	16.60	7.26	0.02	145	1969
30S	25E	21	UT	SAN JUAN	330MSSP	9268	9313	4797	6865	******	******	*******	****	1961
30S	25E	21	UT	SAN JUAN	330MSSP	9446	9518	4394	6865	2.70	1.26	0.00	138	1961
30S	25E	24	UT	SAN JUAN	330MSSP	10161	10244	4534	6525	5.20	1.88	0.00	170	1966
30S	25E	27	UT	SAN JUAN	330MSSP	9512	9580	4465	6697	9.30	3.36	0.01	170	1962
30S	25E	28	UT	SAN JUAN	330MSSP	9484	9558	4619	6532	0.28	0.11	0.00	154	1963
31S	11E	27	UT	GARFIELD	331LDVL	6600	6683	3962	6045	34.10	15.61	0.04	140	1961
31S	22E	8	UT	SAN JUAN	330MSSP	7495	7568	4617	6556	******	******	*******	****	1957
31S	22E	8	UT	SAN JUAN	330MSSP	7608	7628	2414	6556	******	******	*******	****	1957
31S	26E	18	UT	SAN JUAN	330MSSP	9853	9857	4395	6692	******	******	*******	180	1966
31S	26E	18	UT	SAN JUAN	330MSSP	9958	10088	4484	6692	******	******	*******	****	1966
32S	15E	33	UT	GARFIELD	330MSSP	4440	4144	3562	5400	******	******	*******	****	1958

Table 10.--*Drill-stem test data for middle Paleozoic aquifers*--Continued

TOWNSHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLIDARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPERATURE	TEST DATE
34N	12W	32	CO	LA PLATA	331LDVL	9820	9921	6597	6925	******	******	*******	****	1957
34S	9E	2	UT	GARFIELD	330MSSP	9557	9682	4099	5404	1.01	0.36	0.00	170	1961
35N	30E	3	AZ	APACHE	341ANTH	4014	4242	6154	8127	******	******	*******	110	1967
35N	30E	5	AZ	APACHE	341ANTH	4514	4565	6027	8503	******	******	*******	122	1967
35N	30E	5	AZ	APACHE	341ELBR	4417	4480	6117	8503	******	******	*******	105	1967
35S	2W	35	UT	GARFIELD	330MSSP	11025	11072	3394	8110	******	******	*******	195	1969
35S	20E	18	UT	SAN JUAN	331MDSN	4247	4347	5849	8626	******	******	*******	****	1957
36S	6E	17	UT	GARFIELD	330MSSP	5321	5370	4581	5292	******	******	*******	94	1971
36S	10E	18	UT	GARFIELD	330RDLL	7317	7349	3670	4997	******	******	*******	****	1952
37N	17W	27	CO	MONTEZUMA	330MSSP	7710	7769	5396	7641	******	******	*******	****	1954
37N	17W	27	CO	MONTEZUMA	330MSSP	7710	7769	5396	6741	******	******	*******	****	1954
37N	17W	27	CO	MONTEZUMA	330MSSP	7768	7797	4943	7641	******	******	*******	****	1954
37S	15E	33	UT	SAN JUAN	330MSSP	4184	4310	3705	5207	******	******	*******	110	1962
37S	24E	20	UT	SAN JUAN	331LDVL	8080	8203	5052	5809	******	******	*******	****	1958
37S	24E	20	UT	SAN JUAN	331MDSN	8210	8259	4121	5809	******	******	*******	****	1958
38N	15W	26	CO	MONTEZUMA	330MSSP	7866	8218	7065	7580	******	******	*******	176	1970
38S	20E	22	UT	SAN JUAN	341ELBR	3927	3975	3809	5933	******	******	*******	****	1954
38S	23E	6	UT	SAN JUAN	331LDVL	7538	7603	4374	5327	******	******	*******	****	1958
39N	23E	12	AZ	APACHE	341ANTH	6100	6216	3724	5228	******	******	*******	124	1964
39N	24E	7	AZ	APACHE	341ELBR	6041	6133	3957	5195	1.66	0.85	0.00	130	1964
39N	25E	28	AZ	APACHE	330MSSP	5020	5260	4025	4982	******	******	*******	115	1964
39S	17E	26	UT	SAN JUAN	330MSSP	3363	3444	4589	6188	******	******	*******	****	1959
39S	22E	29	UT	SAN JUAN	331LDVL	7571	7614	3817	4851	******	******	*******	****	1954
40N	18W	13	CO	DOLORES	330MSSP	3996	4233	6034	7203	0.32	0.20	0.00	110	1962
40N	18W	13	CO	DOLORES	330MSSP	8401	8500	4834	7203	******	******	*******	160	1962
40N	18W	13	CO	DOLORES	340DVNN	8806	8901	7855	7203	7.80	2.38	0.01	198	1962
40N	28E	6	AZ	APACHE	331LDVL	7110	7142	4024	6593	******	******	*******	****	1962

Table 10.--*Drill-stem test data for middle Paleozoic aquifers*--Continued

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED(FEET) TOP	BOTTOM	SHUT-IN HEAD(FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
40N	29E	15	AZ	APACHE	330MSSP	5665	5739	3994	6593	******	******	*******	****	1962
40N	29E	18	AZ	APACHE	330MSSP	0	0	3972	6600	******	******	*******	125	1964
40S	20E	28	UT	SAN JUAN	331MDSN	2605	2660	3586	5188	******	******	*******	****	1957
40S	20E	28	UT	SAN JUAN	341ELBR	3136	3152	3685	5197	******	******	*******	90	1957
40S	21E	33	UT	SAN JUAN	330MSSP	6065	6105	3906	4387	0.28	0.16	0.00	120	1959
40S	23E	4	UT	SAN JUAN	340DVNN	6914	6940	4062	4755	******	******	*******	****	1956
40S	25E	14	UT	SAN JUAN	331LDVL	7280	7449	4059	5090	2.20	1.00	0.00	141	1956
40S	25E	21	UT	SAN JUAN	330MSSP	7515	7639	4138	5023	******	******	*******	****	1957
41N	28E	27	AZ	APACHE	331LDVL	6010	6150	4386	5492	******	******	*******	****	1962
41N	29E	6	AZ	APACHE	340DVNN	6136	6246	4042	5248	******	******	*******	****	1954
41N	29E	6	AZ	APACHE	341ELBR	6014	6080	4222	5248	******	******	*******	****	1954
41S	22E	7	UT	SAN JUAN	331MDSN	6952	7098	4336	5000	******	******	*******	150	1958
42S	23E	2	UT	SAN JUAN	331LDVL	5856	5990	4029	4822	******	******	*******	****	1954
43S	20E	36	UT	SAN JUAN	340DVNN	6612	6641	4050	4950	******	******	*******	117	1963
43S	22E	21	UT	SAN JUAN	341ELBR	5775	5880	3942	5403	******	******	*******	120	1958
43S	22E	21	UT	SAN JUAN	341ELBR	5877	5896	4007	5403	30.10	15.34	0.04	130	1958
43S	24E	6	UT	SAN JUAN	330MSSP	6800	6925	4094	5508	******	******	*******	****	1955
43S	25E	33	UT	SAN JUAN	330MSSP	6680	6800	4085	5223	******	******	*******	****	1957
43S	26E	31	UT	SAN JUAN	330MSSP	6774	6947	3982	4955	******	******	*******	****	1957
44N	14W	13	CO	SAN MIGUEL	330MSSP	9961	10056	8160	7923	******	******	*******	200	1964
44N	17W	34	CO	SAN MIGUEL	330MSSP	10320	10566	4382	6042	******	******	*******	150	1959
44N	17W	36	CO	SAN MIGUEL	341ELBR	9510	9642	6652	6170	******	******	*******	159	1963
44N	18W	16	CO	SAN MIGUEL	341ELBR	8401	8570	5076	6087	******	******	*******	142	1960
45N	19W	26	CO	SAN MIGUEL	340DVNN	10583	10630	4939	6524	******	******	*******	200	1960
45N	19W	26	CO	SAN MIGUEL	340DVNN	10805	10885	5008	6524	******	******	*******	156	1960
45N	19W	30	CO	SAN MIGUEL	330MSSP	9940	10050	4875	6831	******	******	*******	180	1962

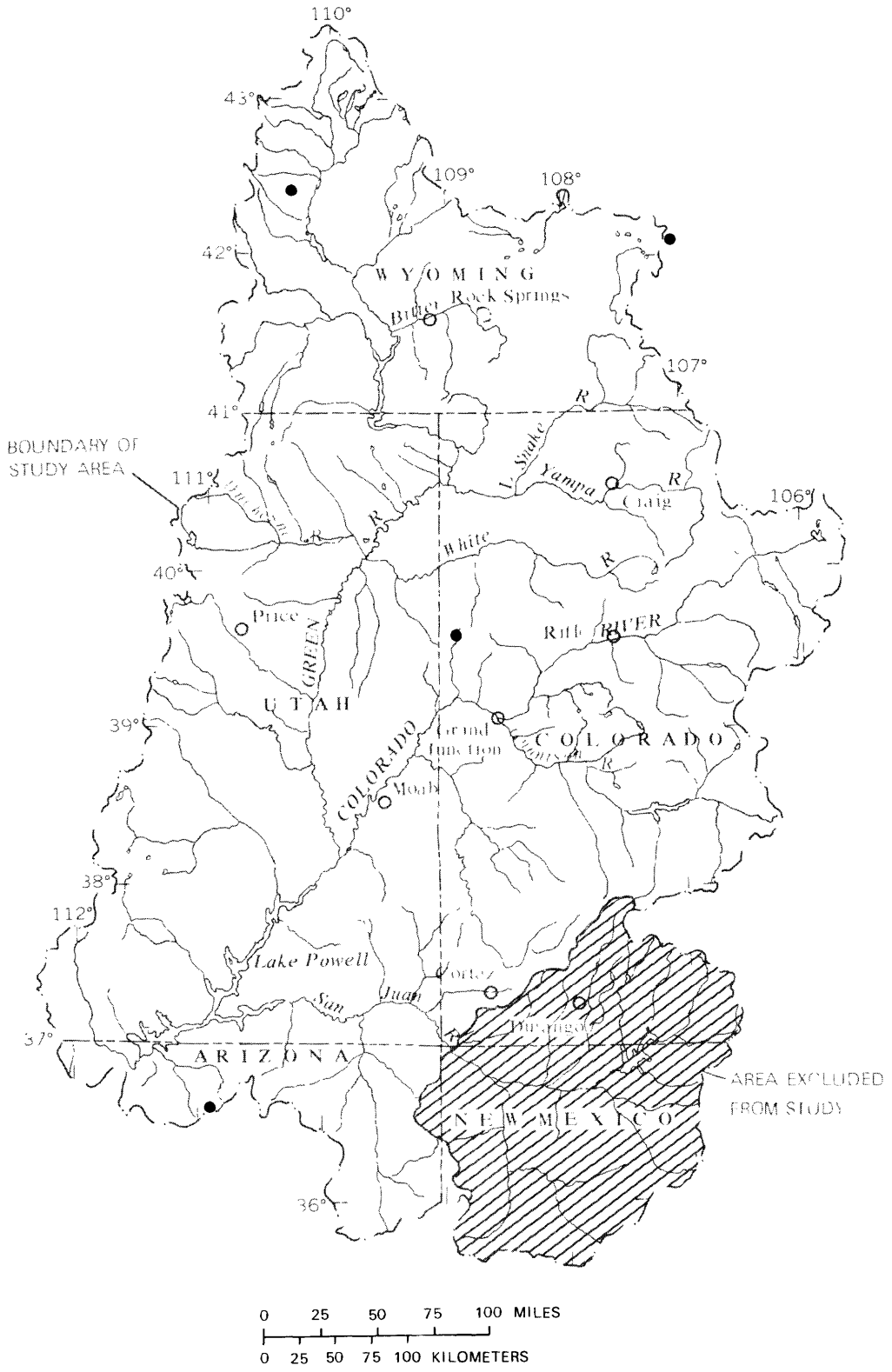

Figure 15.--Location of drill-stem test data for lower Paleozoic confining layers and aquifers.

Table 11.--*Drill-stem test data for lower Paleozoic confining layers and aquifers*

TOWN-SHIP	RANGE	LOCATION SECTION	STATE	COUNTY	FORMATION	INTERVAL TESTED (FEET) TOP	BOTTOM	SHUT-IN HEAD (FEET)	ALT. OF M.P.	PERMEABILITY (MILLIDARCYS PER CENTIPOISE)	(MILLI-DARCYS)	HYDRAULIC CONDUCTIVITY (FT PER DAY)	TEMPER-ATURE	TEST DATE
5S	103W	25	CO	GARFIELD	370CMBR	9165	9210	5698	7606	******	******	*******	240	1963
25N	86W	34	WY	CARBON	370CMBR	7945	8026	7147	7039	******	******	*******	****	1958
26N	89W	7	WY	CARBON	370CMBR	7533	7590	6872	6978	******	******	*******	****	1952
28N	113W	19	WY	SUBLETTE	360ODVC	15266	15280	8430	7551	******	******	*******	290	1961
37N	14E	28	AZ	COCONINO	370CMBR	7085	7211	4060	6609	******	******	*******	****	1952

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