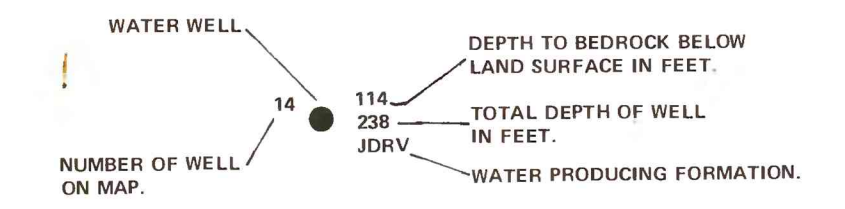


EXPLANATION

MAP SYMBOLS



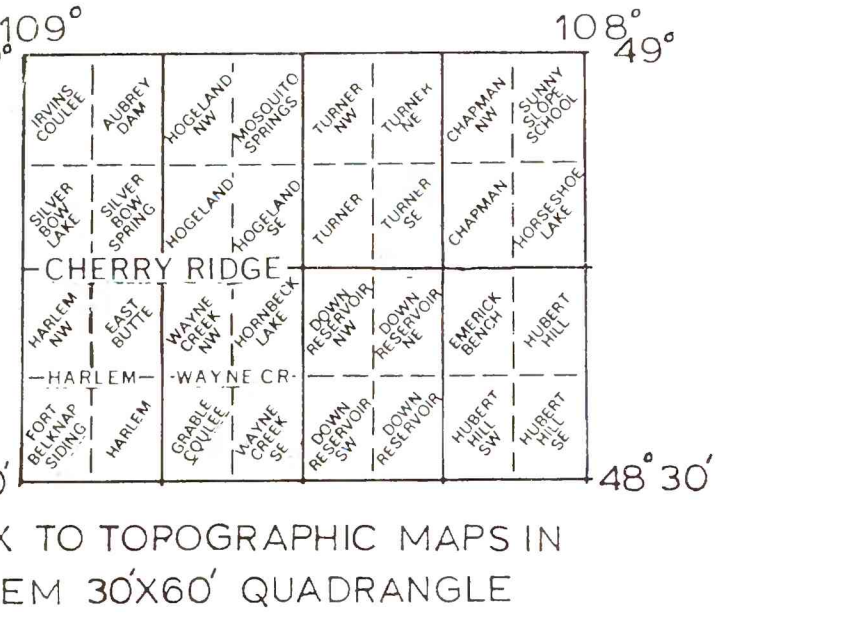
WATER PRODUCING FORMATIONS

- ALVM: HOLOCENE TO PLEISTOCENE AGE UNCONSOLIDATED SILT, SAND AND GRAVEL IN SURFICIAL OR BURIED DRAINAGE SYSTEMS.
- OTSH: HOLOCENE TO PLEISTOCENE AGE UNCONSOLIDATED SILT, SAND AND GRAVEL IN SURFICIAL GLACIAL OUTWASH CHANNELS.
- FLXV: MIOCENE-PLIOCENE AGE SILT, SAND AND GRAVEL.
- FXHL: CRETACEOUS AGE FOXHILLS FORMATION ROCKS.
- BRPW: CRETACEOUS AGE BEARPAW FORMATION ROCKS.
- JDRV: CRETACEOUS AGE JUDITH RIVER FORMATION ROCKS.

WELLS

WELL NO.	NAME OF WELL	REPORTED YIELD IN GPM	DISSOLVED SOLIDS IN MG/L	ANALYSIS NUMBER
1	CHAPMAN	10	1620	7900435
2	KULBECK	5	4310	5900005
3	PITCH	10	4015	7900346
4	KIENNERBERGER	8	2830	7900345
5	SOLBERG	12	2210	7900368
6	ROBINSON	10	1970	7900358
7	NICHOLSON	9	2890	7900360
8	BOOS	3	2470	7900359
9	SJOSTROM	8	---	---
10	JACOBSON-1	8	---	---
11	ROCK	8	---	---
12	JUNGERS	5	1090	8200276
13	BILLMAYER, J.	20	1190	7900410
14	MODIC	5	---	---
15	HELLIG, K.	20	---	---
16	HELLIG, K.	20	---	---
17	HELLIG, V.	40	---	---
18	BLM	700	---	---
19	LACOX	20	---	---
20	ZELLMER	25	---	---
21	WINDBELLS	5	---	---
22	BILLMAYER, G.	---	310	8300423
23	RAFTER	800	300	8200291
24	BILLMAYER, G.	95	1090	8200244
25	LACOX	10	---	---
26	BILLMAYER, J.	80	---	---
27	GEDENBERG	20	995	8200286
28	AMMEN	30	---	---
29	TURNER COLONY	20	1715	8300453
30	HICKLE	20	---	---
31	KEGEL	8	930	7900423
32	AMMEN	10	---	---
33	AMMEN	20	---	---
34	KEGEL	20	---	---
35	SMITH	8	---	---
36	NIELSON	10	---	---
37	WIRT	20	1990	8200300
38	BLAINE COUNTY	---	535	8200282
39	BROWN, G.	500	---	---
40	BILLMAYER, A.	280	---	---
41	BILLMAYER, A.	500	---	---
42	MATTER	500	---	---
43	GEDENBERG	10	---	---
44	TURNER PARK	40	910	8200298
45	SIMONS, B.	500	---	---
46	SIMONS, R.	750	---	---
47	JONES	20	730	8200278
48	TOOKE	---	---	---
49	SKONES	3	2335	7900361
50	GRABONSKI	20	---	---
51	GORDON	25	---	---
52	SWANK	15	700	8300454
53	KLINDWORTH	40	640	8400459
54	RAPTER	80	575	8400463
55	NACE	2000	---	---
56	NACE	20	---	---
57	BLM	12	---	---
58	DESAYNE	15	2375	7900362
59	ANDREWS	---	---	---

NOTE: WELL AND WATER QUALITY DATA ARE FROM FIELD INSPECTIONS BY THE U.S. GEOLOGICAL SURVEY AND THE MONTANA BUREAU OF MINES AND GEOLOGY (MBMG) IN 1976, 1979 AND 1982-1984. ALL WATER QUALITY DATA ARE CONTAINED IN THE FILES OF THE MBMG. OIL AND GAS WELL LOCATIONS WERE NOT FIELD VERIFIED BUT WERE PLOTTED FROM SURVEY PLATS CONTAINED IN THE OIL AND GAS WELL RECORDS.



SELECTED WELL DATA INCLUDING: WATER QUALITY, QUANTITY AND DEPTH TO BEDROCK IN THE HARLEM 30' x 60' QUADRANGLE, MONTANA

Compiled By Thomas W. Patton*

1984

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.