

11
PHILLIPS PETROLEUM, G. R. BROWN AND
DEEP ROCK OIL CO.
NW1/4SE1/4 sec. 29, T. 27 N., R. 58 E.
Roosevelt County, Montana
Alt 2049 ft

12
SUN OIL AND PHILLIPS PETROLEUM COS.
O'Donnell 1
SW1/4SE1/4 sec. 30, T. 24 N., R. 58 E.
Richland County, Montana
Alt 2492 ft

13
GULF OIL AND SUN OIL COS.
Benne Pierre Federal 1
NW1/4SE1/4 sec. 26, T. 148 N., R. 104 W.
McKenzie County, North Dakota
Alt 2326 ft

14
GULF OIL CO. AND NORTHERN PACIFIC HWY.
Federal 1
NW1/4NE1/4 sec. 3, T. 143 N., R. 103 W.
Golden Valley County, North Dakota
Alt 2393 ft

15
STANLIND OIL AND GAS CO.
Northwest Improvement 1
SE1/4SE1/4 sec. 17, T. 143 N., R. 100 W.
Billings County, North Dakota
Alt 2736 ft

16
AMERADA PETROLEUM CORP.
H. May 1
NW1/4NE1/4 sec. 3, T. 139 N., R. 100 W.
Billings County, North Dakota
Alt 2761 ft

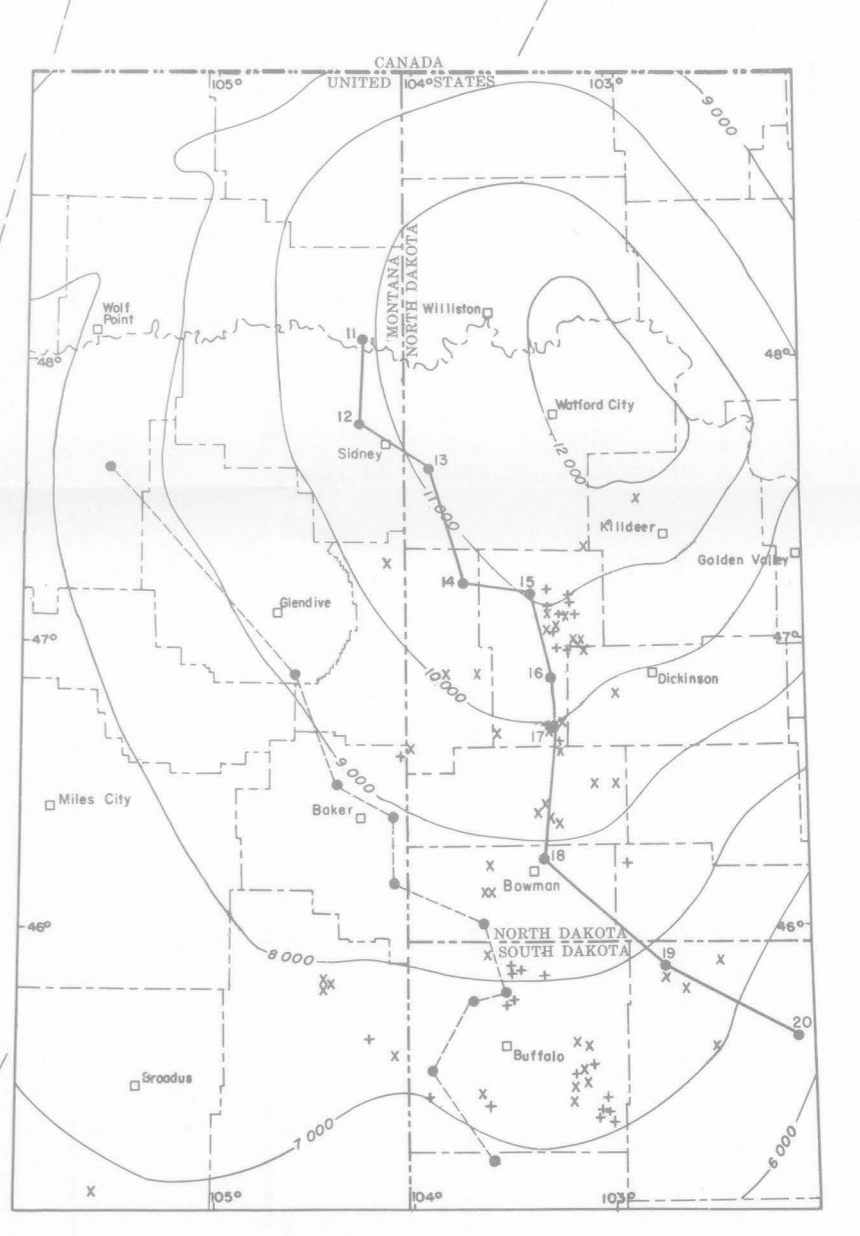
17
NORTHERN PUMP CO.
Fritz
SE1/4SE1/4 sec. 15, T. 137 N., R. 100 W.
Billings County, North Dakota
Alt 2841 ft

18
WESTERN NATURAL GAS CO.
Traus-Traver
NW1/4SW1/4 sec. 13, T. 132 N., R. 102 W.
Bowman County, North Dakota
Alt 3002 ft

19
W. H. HUNT AND ZACH BROOKS DRILLING
Federal 1
NW1/4SE1/4 sec. 8, T. 22 N., R. 11 E.
Perkins County, South Dakota
Alt 2668 ft

20
YOUNGBLOOD AND YOUNGBLOOD
J. J. Whitmer 1
NW1/4SE1/4 sec. 7, T. 19 N., R. 17 E.
Perkins County, South Dakota
Alt 2648 ft

EXPLANATION
Horizon determined from electrical resistivity logs and transferred to radioactivity logs
Datum, top of Dakota Sandstone
Correlated on basis of electrical resistivity (not shown) and radioactivity
Horizon correlated on basis of radioactivity
Dashed where inferred
Dry hole
Dry hole with show of oil
Oil well



Line of section and wells shown on this plate
See also plate 1.
Line of section and wells shown on plate 6
Isopachs indicate thickness of rocks between top of Pierre Shale and top of Red River Formation
Uranium-bearing lignite and carbonaceous shale containing 0.10 percent or more uranium
Uranium-bearing lignite and carbonaceous shale containing less than 0.10 percent uranium

CORRELATION OF RADIOACTIVITY WELL LOGS FROM ROOSEVELT COUNTY, MONTANA, TO PERKINS COUNTY, SOUTH DAKOTA