

102 1/2 N. SANTA FE
PHONE 444-7-1532

HYDRAULIC DRILLING CO.

SALINA, KANSAS
BOX 477

WATER WELLS
TEST HOLES

LOG OF WELL

NAME Ray Petroleum Corporation

HOLE NO. 1 DATE DRILLED May 10, 1949

LOCATION N. S. Sec. 22

T 19S., R 3E., Latherson CO.

10 feet 1. and 20 feet 1. of southwest water well house.

TYPE OF WELL test hole TOPOGRAPHY Upland, near ravine border.

DEPTH 132 FEET. DIAM. OF HOLE 4 INCHES. DEPTH TO WATER FEET

CASINGS DIAM. INCHES. SET AT FEET. FINISH

YIELD

REMARKS

DESCRIPTION OF MATERIAL	THICKNESS (FEET)	DEPTH (FEET)	DRILLING CHARACTER & REMARKS
Silt and silt, buff-gray	2	2	Fast, smooth
Silt, clayey, gray-buff	2	4	Fast, smooth
Silt and clay, tan	4	8	Slow, smooth
Silt and clay, light gray; contains much calcine, nodular and sand, coarse to fine.	8	16	Slow, smooth
Sand, coarse to fine, interbedded with clay and silt, light gray.	1.5	17.5	Alternating fast and slow, chatter and smooth.
Silt and clay, light greenish-gray and tan; contains much sand, coarse to fine and some calcine, nodular. (Mn. stains)	0.5	24	Slow, occasional slight chatter.
Silt and clay light greenish-gray; contains some sand, medium to fine and calcine, nodular. Some black and yellow manganese-iron stains and nodules.	7	31	Slow
Silt and clay greenish-gray and buff; interbedded with some sand medium to fine.	5	36	Alternating fast and slow, smooth.
Sand, coarse to fine, some gravel, fine to medium. (Medium gravel mostly Cretaceous-derived.)	4	40	Fast, smooth
Sand, medium to fine, some sand, coarse and gravel, fine to medium.	9	49	Fast, smooth
Silt, buff; contains much sand, fine. Thin-hard calcine zone at 49.5.	1	50	Slow, smooth. Slower at 49.5.
Sand, fine to coarse; some gravel, fine to medium and silt, buff. Thin hard "artery bed" at base.	3	53	Fast, smooth. Slow and chatter at 53.
Silt and clay, tan; contains some sand, medium to fine.	5	58	Slow, smooth

1024 N. SANTA FE
PHONE ~~444~~-7-1532SALINA, KANSAS
BOX 477WATER WELLS
TEST HOLESLOG OF WELLNAME **Hay Petroleum Corporation**HOLE NO. **1** DATE DRILLED **May 10, 1949**LOCATION **S4 SW Sec. 22**T **19S.**, R **3W.**, **McPherson Co.****10 feet N. and 20 feet E. of southwest water well house.**TYPE OF WELL **test hole** TOPOGRAPHY **Upland, near ravine border.**DEPTH **132** FEET. DIAM. OF HOLE **4** INCHES. DEPTH TO WATER **132** FEETCASING DIAM. **1 1/2** INCHES. SET AT **132** FEET. FINISH **132**

YIELD

REMARKS

DESCRIPTION OF MATERIAL	THICKNESS (FEET)	DEPTH (FEET)	DRILLING CHARACTER & REMARKS
Sand, fine to coarse, some gravel, fine to medium and silt, buff.	6	64	Fairly fast, smooth
Sand, coarse to fine and gravel, fine to medium.	6	70	Fast, smooth
Sand, coarse to fine and gravel, fine, some gravel, medium and silt, light buff.	10	80	Fast, smooth
Gravel, medium to fine and sand.	4	84	Fast, smooth
Clay, and silt, light greenish- gray; contains some gravel, coarse to fine and sand.	7.5	91.5	Slow, smooth
Gravel, fine and sand; some gravel, medium and silt, light gray.	18.5	110	Fast, smooth (some slower 106-108 in silty zone.)
Gravel, medium to fine and sand, some gravel, coarse.	5	115	Fast, slight chatter
Gravel, fine to medium and sand; some silt, light gray-buff.	15.7	130.7	Fast, smooth
Permian-ellington shale; Shale, thin-bedded, light gray- green. Thin hard calcareous zone at top.	1.3	132	Very slow, smooth. Chattered at 130.7