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00024

County Atchison

sec. 31 twp. 65 rge. 39

owner Cities Service Oil Co.

elev 1086.5 MGS# 8633 spl ✓

farm Rankin Est. No. 1 TD 1475 fm@TD Cherokee shows os

status D+A date completed 8-25-44

remarks:

27-F-30

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Atchison LOG NUMBER

COMPANY OR OWNER Cities Service Oil Co

FARM Rankin Est WELL NO. 1

LOCATION SEC. 31 T. 65 R. 39

CONTRACTOR B & T Drilling Co

DRILLER TOOL DR.

COMMENCED 8/19/44 COMPLETED 8/25/44

PRODUCTION D&A PLOTTED

CASING RECORD

WATER RECORD

SOURCE OF LOG Drillers original

ELEV. 1081.08 G

RT 5' 5" abv

REMARKS Run 359' 8 5/8 OD Cemented with 120 sacks High early cement Plug to 349' set pipe on bottom

TOTAL DEPTH

CHEM. ANAL. NO.

FORMATION	THICK.	DEPTH	FORMATION	THICK.	DEPTH
Clay	0	40	Stale & sand	1265	1360
Sandy clay	40	100	Stale & sand	1360	1405
Sand	100	140	Circ.	1430	1436
Sand & gravel	140	345	Stale	1436	1445
Sand	345	350	Circ at 1441		
Lime	350	354	Stale & sand	1434	1461
Lime & sand	354	385	Sand	1461	1474
Lime & stale	385	490			
Stale & lime	490	626			
Lime & stale	626	645			
Lime & stale	645	750			
" "	750	835			
Lime	835	890			
Lime & stale	890	965			
Stale & lime	965	1100			
Lime & stale	1100	1142			
Stale & lime	1142	1165			
Stale	1165	1265			

8/25/44

1086
350
736

1086
626
460

cc: fcg.

27-F-30

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Atchison LOG NUMBER 8633

COMPANY OR OWNER Cities Service Oil Company

FARM Rankin Estate WELL NO. 1

LOCATION SEC. 31 T. 65 R. 39

CONTRACTOR

DRILLER TOOL DR.

COMMENCED COMPLETED 8/25/44

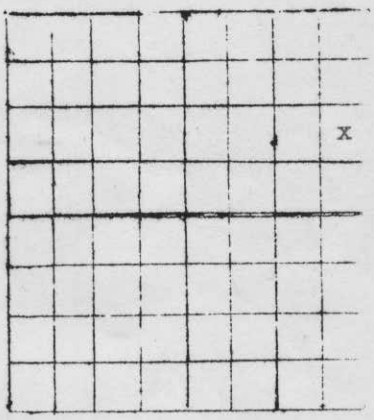
PRODUCTION D & A PLOTTED

CASING RECORD

WATER RECORD

SOURCE OF LOG

REMARKS 162 spls., no resi. made



1086.5

ELEV. Est 1060 from Tarkio Quad

TOTAL DEPTH 1474

CHEM. ANAL. NO.

Index Sh. #7 - Strip 5L

FORMATION	THICK	DEPTH	FORMATION	THICK	DEPTH
No Samples	35	35			
Glacial Dirft	320	355			
Shawnee	80	435			
Douglas	190	625			
Kansas City Lansing	280	905			
Henrietta Lansing	195	1100			
Cherokee	375	1475			

1060
355
705

(A)

8-30-44

27-F-30

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Atchison LOG NUMBER #8633

COMPANY OR OWNER Cities Service Oil Co

FARM Rankin Est WELL NO. 1

LOCATION SEC. 31 T. 65 R. 39

CONTRACTOR

DRILLER TOOL DR.

COMMENCED COMPLETED 8/25/44

PRODUCTION D & A PLOTTED

CASING RECORD

WATER RECORD

SOURCE OF LOG ELEV.

REMARKS 162-SP/S-No-Resi-MADE TOTAL DEPTH 1474

CHEM. ANAL. NO.

FORMATION	THICK.	DEPTH	FORMATION	THICK.	DEPTH
Shipping cuttings					
No Samples	35	35			
Glacial Drift	320	355			
Shawnee	80	435			
Douglas	190	625			
~~Henrietta Pleasanton~~	~~475~~	~~1100~~			
Kansas City Lansing	280	905			
Henrietta Lansing	195	1100			
Cherokee	375	1475			

144
18
162

Cities Service Oil Co., No. 1 Rankin, NE SE NE 31-65N-39W., Atchison Co.

Aug. 20, 1944

Cities Service Oil Company has made location for No. 1 Rankin in the Tarkio pool, in C NE SE NE 31-65n-39w. This will be a west offset to the No. 3 Watkins well. Aug. 20

Aug. 27, 1944

Cities Service Oil Company has started No. 1 Rankin in NE SE NE 31-65n-39w, Tarkio pool, as a west offset to No. 3 Watkins. Aug. 27

Sept. 3, 1944

Cities Service Oil Company had a dry hole at No. 1 Rankin in the Tarkio pool, NE SE NE 31-65n-39w, Atchison County, Mo. Elevation was 1,086.5 feet and total depth was 1,447 feet. Thus far the Tarkio pool is very narrow, being only "three wells wide" in 10-acre spacing. Not much can be told about a field that has only 10 holes, however, and it may be that a much wider production belt will be opened later. No. 1 Rankin, the first hole in section 31, was a west offset to No. 3 Wallace Watkins. Sept. 3, 1944