

GEOLOGICAL REPORT

Petroleum, Inc.
WELLS #1
SE SE NW 27-31S-1W
Sumner County, Kansas

Elevations: 1263' DF
1265' RB

GENERAL:

Contractor: Garvey Drilling Company, Rig #11
Drilling Commenced: April 24, 1956
Drilling Completed: May 5, 1956
Casing: 8-5/8" @ 315' w/275 sax
Samples Saved: 1900' to 3757' RTD
Drilling Time: 1900' to 3757' RTD

GEOLOGICAL TOPS, ZONES OF POROSITY, AND OTHER PERTINENT DATA:

All measurements were taken from top of rotary bushing.
There was no electric log run on this well.

Topeka:	1939 (- 674)
Heebner:	2333 (-1068)
Douglas Sand:	2406 (-1141)

2425-33

Sand, white to clear, fine grained, very tight, trace of light stain, calcareous

2450-55

Sand, shaly, micaceous, fine grained, tight, no shows

Brown Lime:	2649 (-1384)
Stalnaker:	2659 (-1394)

2670-2778

Sand, clear to white, fine grained, partly micaceous, tightly cemented, with stain
in samples probably from mud

DST #1, 2650-80 (Straddle)

Missrun 6' off bottom

DST #2, 2662-87 (Straddle)

Open 1 hour, strong blow for 1 hour
Recovered 1620' salt water,
IFP 450#, FFP 900#, BHP 1000#/20 minutes

Kansas City: 3017 (-1752)

3043-59

Limestone, gray, fine to medium crystalline, poor inter-collitic porosity, with white opaque chert, no show of oil

3071-79

Limestone, gray to buff, fine to medium crystalline, fair pin-point to vugular porosity, cherty, no show of oil

3100-08

Limestone, gray to buff, fine crystalline, collitic, fair pin-point porosity, white chert, no show of oil

3114-20

Limestone, tan, fine to medium crystalline, fair pin-point porosity, with tan chert, trace of dark stain

3137-44

Limestone, white to gray, fine to medium crystalline, chalky, scattered pin-point porosity, no show of oil

3166-69

Limestone, tan, fine crystalline, fair collastic porosity, no show of oil

3204-08

Limestone, gray, fine crystalline, chalky, soft, no show of oil

Base Kansas City: 3251 (-1986)
Checkerboard: 3290 (-2025)
Cleveland: 3306 (-2041)

3307-13

Sand, green, fine grained, silty, glauconitic, micaceous, no show of oil

Lenapah: 3348 (-2083)
Altamont: 3365 (-2100)
Pawnee: 3383 (-2118)
Ft. Scott: 3437 (-2172)

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3437-43

Limestone, gray to tan, fine crystalline, dense

Cherokee:	3486 (-2221)
Mississippi:	3657 (-2392)

3662-68

Limestone, gray to tan, fine crystalline, dense, hard, trace of dark stain

3693-3700

Limestone, gray, fine crystalline, dense to chalky, no show of oil

RTD 3757 (-2492)

Well was dry and abandoned.



Leo Mix, Geologist

LM/mkr

DRILLING TIME

Petroleum, Inc.
WOILS #1
SE SE NW
Sumner County, Kansas

Elevations: 1263' DF
1265' RB

All measurements were taken from top of rotary bushing.

FROM - TO

1900-1910	1-1-1-1-1-1-2-3-3
10- 20	3-3-2-2-3-3-2-2-2-2-
20- 30	1-1-2-2-2-2-2-2-2-3
30- 40	3-3-3-3-2-3-2-3-3-4
40- 50	3-4-4-2-3-2-3-2-2-3
50- 60	3-2-3-3-3-3-3-3-2-3
60- 70	4-3-3-3-4-3-3-3-5
70- 80	5-3-4-3-3-3-3-3-2-2
80- 90	2-1-1-2-2-2-2-2-1-1
1990-2000	2-1-2-2-2-2-2-1-2-2

Lost Circ. @ 1906'

2000-2010	2-3-2-2-2-2-2-2-4-3
10- 20	3-3-4-3-3-3-4-4-3-2
20- 30	2-2-2-3-3-5-5-4-4-4
30- 40	5-3-6-4-3-4-2-3-3-4
40- 50	2-3-3-2-2-3-3-2-2-3
50- 60	3-2-3-3-2-2-2-2-2-2
60- 70	2-4-3-4-3-3-3-4-4-3
70- 80	4-7-4-3-4-3-2-4-6-2
80- 90	2-3-3-4-3-5-5-5-10-6
2090-2100	5-6-5-5-5-4-3-2-1-2

2100-2110	2-3-2-2-3-3-3-4-2-6
10- 20	3-3-5-7-6-5-5-5-5-5
20- 30	5-5-7-7-9-8-9-7-6-5
30- 40	5-4-5-5-5-4-3-2-3-3
40- 50	4-4-4-5-5-5-6-5-4-2
50- 60	5-3-3-4-3-3-3-3-2-2
60- 70	2-2-2-2-2-2-2-3-1-2
70- 80	2-2-2-3-3-3-4-3-3-4
80- 90	4-4-4-3-4-4-4-4-4-4
2190-2200	4-4-3-3-3-3-4-4-4-4

2200-2210	2-1-1-1-1-3-3-2-2-3
10- 20	3-3-3-2-3-2-3-2-3-3
20- 30	4-4-3-5-5-5-4-3-4-4
30- 40	4-4-4-4-2-2-2-3-2-2
2240-2250	2-2-4-3-2-4-4-4-2-3

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FROM - TO

2250-2260 3-3-3-2-3-3-3-3-4-4
 60- 70 3-4-4-4-5-5-5-5-5-5
 70- 80 4-5-4-3-3-3-4-5-5-4
 80- 90 4-4-5-4-5-5-4-5-5-5
 2290-2300 6-5-5-4-4-4-5-3-3-6

2300-2310 5-5-5-5-6-4-5-5-5-5
 10- 20 5-4-3-3-3-5-4-4-4-5
 20- 30 4-4-3-2-2-5-5-4-4-6
 30- 40 5-4-3-3-3-2-2-2-2-2
 40- 50 2-2-2-1-1-2-4-3-4-4
 50- 60 2-5-4-4-4-4-4-3-3-4
 60- 70 4-4-4-3-4-4-3-4-4-3
 70- 80 3-3-4-3-4-3-3-2-3-5
 80- 90 5-3-2-3-4-3-3-3-4-3
 2390-2400 4-4-4-5-4-4-5-6-3-4

Trip @ 2308'

2400-2410 3-2-3-5-4-3-3-3-3-3
 10- 20 4-3-4-4-5-4-3-4-5-4
 20- 30 4-4-4-4-3-3-3-3-3-3
 30- 40 3-3-4-3-3-3-4-3-5-5
 40- 50 5-5-5-4-6-5-5-3-4-3
 50- 60 2-2-2-2-3-3-4-4-4-4
 60- 70 3-3-4-3-3-3-3-4-3-3
 70- 80 4-4-3-3-5-3-3-3-3-4
 80- 90 5-4-3-4-3-4-3-3-2-2
 2490-2500 4-4-3-2-4-3-3-2-3-3

2500-2510 4-3-4-3-3-2-3-3-3-2
 10- 20 2-3-4-2-3-4-4-2-3-3
 20- 30 3-3-4-4-5-4-4-4-4-3
 30- 40 4-4-4-4-4-5-5-5-5-6
 40- 50 6-4-5-6-4-5-4-5-5-5
 50- 60 4-4-5-4-5-5-5-5-4-5
 60- 70 4-5-5-4-4-5-5-5-4-4
 70- 80 5-5-5-6-6-5-6-7-5-5
 80- 90 5-7-7-6-5-4-5-6-6-7
 2590-2600 7-8-7-6-5-5-6-5-5-6

FROM - TO

2600-2610	6-7-5-6-6-6-5-6-6-6
10- 20	4-5-5-5-5-5-5-6-6-6
20- 30	7-5-5-6-6-6-6-5-6-5
30- 40	5-6-6-7-6-7-6-5-6-6
40- 50	6-5-6-6-5-4-4-6-6-8
50- 60	5-3-2-2-3-5-6-5-3-3
60- 70	3-3-2-4-1-4-3-4-3-2
70- 80	2-1-1-1-2-1-2-1-2-1
80- 90	1-1-1-2-2-2-1-1-2-2
2690-2700	1-1-2-1-1-2-1-2-1-1

2700-2710	2-1-2-1-1-1-2-1-1-1
10- 20	2-2-1-3-2-2-1-2-3-2
20- 30	1-2-2-1-2-1-2-1-2-2
30- 40	1-2-1-1-2-1-1-1-1-2
40- 50	1-1-2-2-2-1-2-1-2-2
50- 60	1-2-2-2-2-2-1-2-2-2
60- 70	1-1-1-1-1-2-1-3-2-2
70- 80	1-1-1-1-1-2-2-2-2-1
80- 90	7-6-6-6-7-4-5-5-3-4
2790-2800	5-4-4-4-4-5-5-5-6-4

Trip @ 2799

2800-2810	1-2-3-3-2-3-3-3-3-4
10- 20	2-2-2-2-2-2-1-2-2-1
20- 30	2-2-3-4-3-2-3-1-1-2
30- 40	2-3-3-2-3-3-3-3-3-3
40- 50	3-3-3-3-3-3-3-3-3-3
50- 60	3-2-2-2-2-2-2-2-2-2
60- 70	2-1-4-4-4-4-3-2-2-2
70- 80	1-1-2-2-2-2-3-2-2-2
80- 90	2-2-2-2-2-2-2-2-2-3
2890-2900	3-2-2-2-2-3-2-3-2-2

Corrected Board 2'

2900-2910	2-3-2-2-2-2-2-2-3-2
10- 20	2-2-2-3-2-2-2-2-2-3
20- 30	2-2-2-2-2-3-2-2-3-2
30- 40	3-2-2-2-2-2-2-3-2-2
40- 50	2-2-3-2-2-2-2-2-3-2
50- 60	2-2-2-2-2-2-2-2-2-2
60- 70	2-2-2-2-2-2-2-2-2-2
70- 80	2-2-3-2-3-2-2-2-2-3
80- 90	2-2-3-2-2-2-2-2-1-2
2990-3000	2-4-2-2-2-2-3-2-2-2

FROM - TO

3000-3010	2-2-2-2-2-3-2-2-2-2
10- 20	2-2-2-2-2-2-2-4-4-3
20- 30	4-3-2-2-4-3-3-2-3-3
30- 40	4-4-3-5-3-4-5-4-5-4
40- 50	5-4-3-2-2-2-3-2-2-3
50- 60	2-3-2-2-2-2-1-2-2-3
60- 70	3-2-3-3-3-3-3-6-5-6
70- 80	4-3-2-3-2-3-3-3-4-5
80- 90	4-3-2-2-5-5-4-3-3-5
3090-3100	4-2-4-5-5-4-4-3-5-4

3100-3110	2-3-3-4-3-4-3-4-5-5
10- 20	13-5-10-5-4-4-6-6-7-7
20- 30	10-9-7-10-10-10-12-13-10-7
30- 40	8-10-10-7-8-10-5-4-4-3
40- 50	4-4-3-7-10-5-7-13-10-7
50- 60	12-13-14-13-8-12-11-13-10-6
60- 70	7-7-6-9-9-3-1-1-4-7
70- 80	7-7-9-9-9-9-9-8-8-5
80- 90	6-4-4-5-4-4-3-4-6-7
3190-3200	7-6-6-6-7-6-5-6-6-7

Trip @ 3179'

3200-3210	6-7-7-6-3-3-3-5-6-7
10- 20	6-6-5-5-7-7-7-6-8-8
20- 30	8-7-7-6-6-6-7-6-6-6
30- 40	7-9-8-7-7-7-7-6-6-5
40- 50	7-7-7-6-6-5-7-6-6-8
50- 60	5-5-4-4-4-4-4-4-2-2
60- 70	2-2-3-3-4-3-7-6-6-8
70- 80	5-9-6-7-7-6-7-5-5-7
80- 90	5-6-5-5-5-7-6-7-5-5
3290-3300	6-4-5-6-6-5-5-5-17-11

3300-3310	5-5-5-4-4-4-2-1-1-2
10- 20	1-1-3-3-4-2-2-1-2-2
20- 30	3-4-2-4-5-4-6-5-5-6
30- 40	5-4-5-4-5-5-5-5-3-4
40- 50	4-6-4-5-6-6-5-5-6-12
50- 60	10-10-12-9-8-9-9-7-8-8
60- 70	6-7-8-8-9-9-9-9-9-7
70- 80	3-4-4-4-5-5-10-6-5-5
80- 90	5-5-5-8-8-7-7-6-6-7
3390-3400	6-6-6-5-6-7-8-7-8-8

Circ. @ 3326'

Lost Circ. @ 3358'

FROM - TO

3400-3410 9-10-8-6-5-6-7-6-7-6
10- 20 6-5-5-6-6-6-6-5-5
20- 30 4-5-4-5-4-4-5-5-5-5
30- 40 5-4-5-5-4-2-2-3-3-4
40- 50 3-3-5-5-8-10-4-8-8-5
50- 60 3-3-4-5-5-5-5-5-8-7
60- 70 5-8-7-7-6-3-3-3-3-2
70- 80 3-2-2-1-7-7-6-5-5-5
80- 90 5-5-5-5-5-5-5-5-8-7
3490-3500 7-1-1-8-10-8-6-6-4-3

Trip @ 3446'

3500-3510 6-4-3-5-5-5-4-3-7-8
10- 20 8-4-5-5-5-5-5-5-17-7
20- 30 8-8-6-6-7-9-7-7-6-5
30- 40 4-7-5-4-6-6-5-4-9-9
40- 50 2-3-5-7-4-5-3-4-7-6
50- 60 5-5-6-5-6-5-5-7-5-4
60- 70 3-4-5-6-5-3-5-5-3-5
70- 80 6-5-5-3-2-2-2-3-4-4
80- 90 5-7-5-5-4-4-5-4-4-3
3590-3600 4-4-5-4-5-5-3-3-2-4

3600-3610 5-5-5-5-5-4-4-4-6-6
10- 20 6-6-4-5-7-8-8-9-7-6
20- 30 6-6-4-5-4-4-4-4-4-7
30- 40 8-7-7-8-8-6-5-5-6-6
40- 50 6-8-6-8-6-6-4-6-6-5
50- 60 3-4-4-6-4-5-7-10-11-22
60- 70 11-12-11-11-11-11-12-11-9-7
70- 80 9-15-12-11-12-11-14-15-17-14
80- 90 16-14-18-15-17-14-16-14-14-12
3690-3700 13-13-12-11-10-10-10-10-11-12

Circ. @ 3660'

3700-3710 13-9-12-11-13-12-13-17-10-14
10- 20 10-14-11-12-12-11-13-12-12-13
20- 30 12-14-13-12-11-14-13-14-12-10
30- 40 16-12-13-12-15-15-15-17-16-14
40- 50 17-14-14-16-25-23-18-25-17-20
3750-3757 17-17-21-22-19-21-21

Circ. @ 3757'

RTD 3757'