

15-193-20167

API No. 15 —————
County Number

S. 31 T. 9S R. 33 ~~W~~
Loc. C. SW NE
County Thomas County

Operator
Petroleum, Inc.

Address
Suite 800, 300 West Douglas, Wichita, Kansas 67202

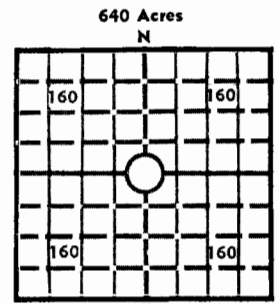
Well No. 1 Lease Name Garvey, Inc. 'E'

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Abercrombie Drilling Geologist Hal Clark

Spud Date 5-19-78 Total Depth 4835' P.B.T.D.

Date Completed 6-1-78 D&A. Oil Purchaser



Locate well correctly
Elev.: Gr. 3189'
DF 3194' KB 3197'

CASING RECORD

Report of all strings set— surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface | 12 1/4" | 8 5/8" | 28# | 364' | Class A | 250 | 3% CaCl 2% Gel |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | | | |
| | | | | | |

TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
| | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| | |
| | |
| | |

INITIAL PRODUCTION

| | | | | | |
|--|-----------|---|------------------------|---------------|------|
| Date of first production | | Producing method (flowing, pumping, gas lift, etc.) | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil bbls. | Gas MCF | Water bbls. | Gas-oil ratio | CFPB |
| Disposition of gas (vented, used on lease or sold) | | | Producing interval (s) | | |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Petroleum, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole

Well No. 1 Lease Name Garvey, Inc. 'E'

S 31 T 9S R 33 K W

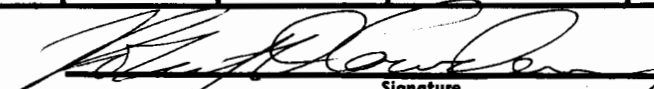
WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|--|-----|--------|-------------------|-------|
| DST #1 4237-4278' 30-60-45-90 Strong blow throughout. Rec. 2640' salt water, IFP 104-863, FFP 863-1217, BHP 1342-1342. | | | <u>E. L. Tops</u> | |
| | | | Anhy. | 2741 |
| | | | B. Anhy. | 2773 |
| DST #2 4276-4312' 30-60-60-90 Weak to strong blow. Rec. 630' salt water. IFP 42-156, FFP 167-312, BHP 1353-1353. | | | Heebner | 4108 |
| | | | Toronto | 4129 |
| | | | Lansing | 4146 |
| | | | Stark | 4367 |
| DST #3 4316-4343' 30-60-30-60 Weak blow. Rec. 15' mud. IFP 10-10, FFP 10-10, BHP 1216-1122. | | | B/ K.C. | 4425 |
| | | | Marm. | 4453 |
| | | | Pawnee | 4561 |
| DST #4 4329-4368' Misrun. | | | U. Cher. | 4610 |
| DST #5 4332-4368' 30-60-30-60 Weak blow. Rec. 10' mud, very slightly oil specked. IFP 10-10, FFP 10-10, BHP 1101-914. | | | L. Cher. | 4643 |
| | | | Johnson | 4685 |
| | | | Miss. | 4753 |
| DST #6 4359-4391' 30-60-45-90 Rec. 580' salt water with strong sulphur odor. IFP 42-188, FFP 188-323, BHP 1353-1342. | | | | |
| DST #7 4425-4457' 30-60-45-90 Weak to fair blow, 2nd open fair blow in 3". Rec. 270' salt water. IFP 42-94, FFP 94-167, BHP 1134-1123. | | | | |
| DST #8 4611-4695' 30-60-30-60 Weak blow died in 15", no blow 2nd open. Rec. 25' mud. IFP 52-63, FFP 63-63, BHP 219-94. | | | | |
| DST #9 4685-4729' Misrun. | | | | |
| DST #10 4681-4729' 30-60-30-60 Weak blow died in 3", Rec. 15' oil specked mud with 1" dead oil on top. IFP 45-45, FFP 45-45, BHP 179-90. | | | | |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

| | |
|---------------|--|
| Date Received |  |
| | Signature |
| | Exploration Manager |
| | Title |
| | June 12, 1978 |
| | Date |

E1860

WICHITA BRANCH

OPERATOR: Petroleum, Inc.
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: Garvey "E" #1
 LOCATION: C SW NW Section 31-9S-33W
 Thomas County, Kansas
 SPUD DATE: May 19, 1978
 COMPLETION DATE: June 2, 1978

| | | |
|------|------|--------------------|
| 0 | 180 | Clay |
| 180 | 250 | Sand |
| 250 | 365 | Shale |
| 365 | 2445 | Shale & sand |
| 2445 | 2502 | Sand |
| 2502 | 2785 | Shale & sand |
| 2785 | 2799 | Anhydrite |
| 2799 | 3016 | Shale |
| 3016 | 3431 | Shale & lime |
| 3431 | 3830 | Lime |
| 3830 | 4000 | Lime & shale |
| 4000 | 4835 | Lime |
| | 4835 | Rotary Total Depth |

Spud hole at 1:45 p.m., May 19, 1978. Drilled 365' of 12½" hole. Ran 9 joints of 8-5/8"- 28# steel surface casing. Set at 364' K.B. with 250 sacks of Class A cement, 3% CaCl, 2% gel. Plug was down at 7:15 p.m., May 19, 1978.

T.D. 4835'. Set first plug at 2000' with 70 sacks, second plug at 300' with 20 sacks, and third plug at 40' with 10 sacks. Cemented with 50/50 posmix, 6% gel. State plugger, Leo Massey. Job completed at 1:00 a.m., June 2, 1978.

SAMPLE TOPS:

| | | | |
|-------------|--------------|----------------|--------------|
| Anhydrite | 2785 (+ 412) | Marmaton | 4424 (-1227) |
| B/Anhydrite | 2799 (+ 398) | Altamon | 4487 (-1290) |
| Heebner | 4041 (- 844) | Pawnee | 4544 (-1347) |
| Toronto | 4113 (- 916) | Upper Cherokee | 4588 (-1391) |
| Lansing | 4135 (- 938) | Lower Cherokee | 4622 (-1425) |
| Stark | 4338 (-1141) | Johnson Zone | 4669 (-1472) |
| B/KC | 4391 (-1194) | | |

STATE OF KANSAS)
) ss
 COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the Garvey "E" #1, C SW NW Section 31-9S-33W, Thomas County, Kansas.