

8-31-14W
Bel
82

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5428 EXPIRATION DATE June 30, 1984

OPERATOR Graves Drilling Co., Inc. API NO. 15-007-21,803

ADDRESS 910 Union Center COUNTY Barber

Wichita, Kansas 67202 FIELD _____

** CONTACT PERSON Betty Brandt PROD. FORMATION _____
PHONE 316 265-7233 _____ Indicate if new pay.

PURCHASER _____ LEASE Pat

ADDRESS _____ WELL NO. 1

WELL LOCATION NW SW SE

DRILLING Graves Drilling Co., Inc. 1650 Ft. from North Line and

CONTRACTOR ADDRESS 910 Union Center 330 Ft. from West Line of

Wichita, Kansas 67202 the (Qtr.) SEC 8 TWP 31 RGE 14 (W).

PLUGGING Graves Drilling Co., Inc. WELL PLAT _____ (Office Use Only)

CONTRACTOR ADDRESS 910 Union Center

Wichita, Kansas 67202

TOTAL DEPTH 4600' PBD _____

SPUD DATE 4-17-84 DATE COMPLETED 4-27-84

ELEV: GR 1631' DF 1639' KB 1642'

DRILLED WITH (~~CABLE~~) (ROTARY) ~~TOOLS~~ TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 253' 10-3/4" 915' 8-5/8" DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing _____.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Betty Brandt, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

W41-1E-8

ACO-1 Well History

Side TWO

OPERATOR Graves Drilling Co., Inc. LEASE NAME Pat SEC 8 TWP 31S RGE 14 (

WELL NO 1

FILL IN WELL INFORMATION AS REQUIRED;

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 |
|--|------|--------|---------------|--------------|
| <p>Check if no Drill Stem Tests Run. _____</p> <p>Check if samples sent Geological Survey. _____</p> | | | Log Tops: | |
| Sand & clay | 0 | 40 | Tarkio | 2894 (-1252) |
| Red bed | 40 | 915 | Heebner | 3585 (-1943) |
| Shale & sand | 915 | 1415 | Toronto | 3599 (-1957) |
| Shale & lime | 1415 | 4475 | Douglas Sand | 3742 (-2100) |
| Shale & sand | 4475 | 4526 | Lansing | 3770 (-128) |
| Shale & lime | 4526 | 4600 | Maquoketa | 4344 (-2702) |
| Rotary Total Depth | | 4600 | Simpson Shale | 4472 (-2830) |
| | | | Simpson Sand | 4475 (-2833) |
| | | | Arbuckle | 4580 (-2938) |
| | | | LTD | 4597 (-2955) |
| <p>DST #1 3599-3634 30-45-60-45. Recovered 70' of oil & gas cut mud & 300' of salt water. IFP & FFP 111-132# 182-233#. IBHP & FBHP 852-710#.</p> <p>DST #2 3747-3773 30-45-60-45. Recovered 180' of gas in pipe, 70' of oil & gas cut mud & 1290' of gassy salt water. IFP & FFP 162-335# 425-710#. IBHP & FBHP 1378-1358#.</p> <p>DST #3 4375-4405 30-45-60-45. Recovered 60' of mud. IFP & FFP 59-59# 59-59#. IBHP & FBHP 88-78#.</p> <p>DST #4 Straddle 4357-4374 30-45-60-45. On lost open gauged 47,700 cfg. & on 2nd open gauged 68,800 cfg. in 15", 30" & 45" and 59,200 cfg. in 60". Recovered 40' of gas cut mud. IFP & FFP 49-39# 39-29#. IBHP & FBHP 1464-1314#.</p> <p>DST #5 4468-4486' 30-45-60-45. Recovered 5' of oil cut mud, 180' very slightly oil cut watery mud & 300' of water. IFP & FFP 118-157# 177-265#. IBHP & FBHP 1614-1484#.</p> | | | | |
| If additional space is needed use Page 2 | | | | |

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

CASING RECORD (New) or (Used)

| 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 | 13-3/4" 12-1/4" | 10-3/4" 8-5/8" | 40# 23# | 253' 915' | common common | 175 sx. 150 sx. | 2% Gel, 3% CC. 2% Gel, 3% CC |
| | | | | | | | |
| | | | | | | | |

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 |
|------|---------------|---------------|
| | | |