

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

SIDE ONE

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

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 # 5230 EXPIRATION DATE 6-30-84

OPERATOR PETROLEUM ENERGY, INC. API NO. 15 - 185 -21,785

ADDRESS Suite 415 - First National Bank Bldg COUNTY Stafford

Wichita, Kansas 67202 FIELD Hazel, West

\*\* CONTACT PERSON Erin Marshall PROD. FORMATION Arbuckle  
PHONE 265-2661

PURCHASER Koch Oil Company LEASE Culbreath

ADDRESS P.O. Box 2256 WELL NO. #1

Wichita, Kansas 67201 WELL LOCATION 150' W of NE SE SW

DRILLING BIG SPRINGS DRILLING, INC. 990 Ft. from South Line and

CONTRACTOR P.O. Box 8287 - Munger Station 2160 Ft. from West Line of

Wichita, Kansas 67208 the SW (Qtr.) SEC 17 TWP 21s RGE 13w (E) (W)

PLUGGING N/A WELL PLAT (Office Use Only)

CONTRACTOR \_\_\_\_\_

ADDRESS \_\_\_\_\_

TOTAL DEPTH 3711' PBTD \_\_\_\_\_

SPUD DATE 5-8-83 DATE COMPLETED 6-24-83

ELEV: GR 1901 DF \_\_\_\_\_ KB 1906

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE #C-2934(42,442-C)

Amount of surface pipe set and cemented 385' DV Tool Used? none

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

Erin Marshall, 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.

Erin Marshall  
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 28th day of July, 19 83.

BERNICE PENDLETON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Expires 10-8-84

MY COMMISSION EXPIRES:

Bernice Pendleton  
(NOTARY PUBLIC)  
RECEIVED  
STATE CORPORATION COMMISSION

\*\* The person who can be reached by phone regarding any questions concerning this information.

AUG 5 1983  
CONSERVATION DIVISION  
Wichita, Kansas

8-3-83

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR PETROLEUM ENERGY, INC.

LEASE Culbreath

SEC. 17 TWP. 21SRGE. 13W

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. #1

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>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.</p> <p>Check if no Drill Stem Tests Run.</p> <p>Check if samples sent to Geological Survey</p> <p><u>TOPEKA SECTION</u></p> <p>Limestone, cream-tan-gray, fine crystalline, with fair vugular pin-point porosity, trace of staining, non-commercial.</p> <p>Limestone, cream-gray, fine crystalline highly fossiliferous with poor pin-point vugular porosity, with some fossil-cast porosity, barren.</p> <p><u>LANSING SECTION</u></p> <p>Limestone, white-gray, fine crystalline trace of vugular porosity, no shows.</p> <p>Limestone, white-cream, fine crystalline, fair-good visible porosity psuedo oocastic, fair show of free oil, faint odor.</p> <p><u>DRILL STEM TEST #1</u></p> <p>TESTING INTERVALS: 45-45-45-45            BLOW: Fair building to strong through out.            RECOVERY: 300' gas cut muddy water                      300' salt water                      120' gas in pipe            PRESSURES: IBHP 1511# ; FBHP 1346#                          IFP 132-254; FFP 288-310#                          HH 1784-1686#            TEMPERATURE: 116°</p> <p>If additional space is needed use Page 2,</p>			HEEBNER TORONTO DOUGLAS BROWN LIME LANSING VIOLA SIMPSON SHALE SIMPSON SAND ARBUCKLE R.T.D.	3211 3229 3246 3332 3342 3576 3617 3643 3678 3711

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	12 1/4"	8 5/8"	20#	385'	60-40 poz	300	2% gel - 3% ccl
PRODUCTION		5 1/2"	14#	3710'	50-50 poz	125	2% gel 18% salt 3/4% cfr2 6lbs gillsen

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			two	steel carrier	3678-3681

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
150 gallons of 15% acid	

Date of first production 6-24-83	Producing method (flowing, pumping, gas lift, etc.) pumping	Gravity
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Estimated Production -I.P.	Oil 19 bbls.	Gas MCF	Water % bbls.	Gas-oil ratio CFPB
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Disposition of gas (vented, used on lease or sold)	Perforations 3678-3681
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OPERATOR PETROLEUM ENERGY, INC. LEASE NAME Culbreath #1 SEC. 17 TWP. 21s RGE. 13FILL IN WELL LOG 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
Limestone, cream-buff-brown, fine crystalline, -granular, good light brown staining, good vugular-pin-point porosity, fair show of free oil, weak odor.	3409	3413		
<u>DRILL STEM TEST #2</u>	3397	3428		
TESTING INTERVALS: 30-30-30-30 BLOW: Weak blow throughout test. RECOVERY: 65' muddy water PRESSURES: IBHP 708#; FBHP 685# IFP 55-55#; FFP 66-66# HH 1838-1784# TEMPERATURE: 118°				
Limestone, cream-tan, fine crystalline, with fair oocastic porosity, no shows.	3435	3439		
Limestone, cream-gray, fine crystalline highly oolitic, some with poor to fair oolitic $\emptyset$ with brown mottled staining, weak show of free oil, no odor, "Looks tight".	3468	3472		
<u>DRILL STEM TEST #5 (STRADDLE TEST)</u>	3455	3477		
TESTING INTERVAL: 20-20-20-20 BLOW: Weak Blow, died in 6 minutes, no blow - 2nd opening RECOVERY: 5' mud PRESSURES: IBHP 32# ; FBHP 21# IFP 53-32# FFP 32-21# HH 1800-1778# TEMPERATURE: 96°				
<u>LANSING SECTION</u>				
Limestone, cream-brown, fine crystalline oolitic, trace of black dead oil staining, no free oil or odor.	3502	3508		
<u>VIOLA SECTION</u>				
Chert, white-bone-tan, sharp to vitreous some with trace of pin-point-weathered porosity, and black gillsonitic staining, no show of free oil or odor.	3594	3599		
<u>SIMPSON SAND SECTION</u>				
Sandstone, gray, fine to medium grained no visible porosity, shaley, looks tight, few pieces clean, with trace of free oil, no odor. Perforate 3643-3644.	3643	3647		
<u>ARBUCKLE SECTION</u>				
Dolomite, cat-gray fine to medium crystalline, some with fair intercrystalline porosity, fair show of free oil, fair odor.	3676	3681		
<u>DRILL STEM TEST #3</u>	3603	3681		
TESTING INTERVALS: 30-30-30-30 BLOW: Fair building to strong throughout test. RECOVERY: 30' gas in pipe 740' oil cut muddy water PRESSURES: IBHP 814#; FBHP 804#				

OPERATOR PETROLEUM ENERGY, INC. LEASE NAME Culbreath #1 SEC. 17 TWP. 21s RGE. 13

FILL IN WELL LOG AS REQUIRED:

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>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.</p> <p>IFP 148-222#; FFP 297-318#                      HH 1937-1884                      TEMPERATURE: -126°                      CHLORIDES IN WATER SAMPLE:                      78,000 P.P.M. (Simpson)</p> <p>Dolomite, tan-gray, fine to medium crystalline, some sucrosic, poor to fair intercrystalline porosity, with good light brown saturated-mottled staining, some partly oocastic, good odor, with good show of free oil in most.</p> <p>DRILL STEM TEST #4 (straddle test)</p> <p>TESTING INTERVALS: 45-45-45-45                      BLOW: Fair blow to strong - 1st opening                      Strong decreasing to very weak - 2nd opening. (Bottom packer unseated)                      RECOVERY: 30' gas in pipe                      183' very slightly oil cut water                      1952' salt water                      PRESSURES: IBHP 1004#; FBHP 1015#                      IFP 64#-677#; FFP 857-920#                      HH 1937-1842#                      TEMPERATURE</p>	<p>3681</p> <p>3678</p>	<p>3686</p> <p>3686</p>	<p>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</p>	