

SIDE ONE

State Geological Survey 14-18-8W  
WICHITA BRANCH

(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. 15-159-21,626

ADDRESS 415 - First National Bank Bldg. COUNTY Rice

Wichita, Kansas 67202 FIELD Geneseo-Edwards

\*\* CONTACT PERSON Erin Marshall PROD. FORMATION Arbuckle

PHONE 265-2661

PURCHASER INLAND CRUDE LEASE JUST

ADDRESS 200 Douglas Building WELL NO. #1

Wichita, Kansas 67202 WELL LOCATION C W/2 W/2 SE4

DRILLING White & Ellis Drilling Co. 1320 Ft. from south Line and

CONTRACTOR ADDRESS 500 - 401 E. Douglas 2310 Ft. from east Line of (E)

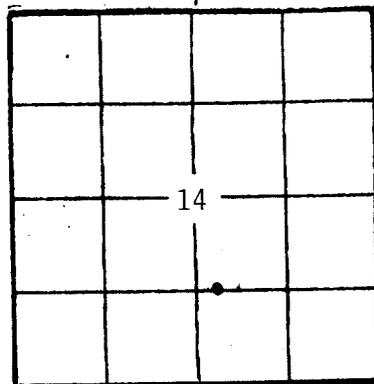
Wichita, Kansas 67202 the SE (Qtr.) SEC 14 TWP 18s RGE 8 (W)

PLUGGING N/A

CONTRACTOR ADDRESS \_\_\_\_\_

WELL PLAT

(Office Use Only)



KCC \_\_\_\_\_  
KGS

SWD/REP \_\_\_\_\_  
PLG. \_\_\_\_\_

NGPA \_\_\_\_\_

TOTAL DEPTH 3243' PBTB \_\_\_\_\_

SPUD DATE 7-26-83 DATE COMPLETED 8-23-83

ELEV: GR 1738 DF \_\_\_\_\_ KB 1743

DRILLED WITH (CABLE) ROTARY (AIR) TOOLS.

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

Amount of surface pipe set and cemented 241' DV Tool Used? none

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated
one drum mud acid		
150 gallons of 15% acid		
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
<u>8-23-83</u>	<u>pumping</u>	
Estimated Production	Gas	Water %
<u>21</u> bbls.		<u>none</u> bbls.
Disposition of gas (vented, used on lease, or sold)	Perforations	
	<u>none</u>	

SIDE TWO  
OPERATOR

PETROLEUM ENERGY, INC.

LEASE Just #1

SEC. 14 TWP. 18SRGE. 8

(E)  
(W)

68-81-14

WELL INFORMATION AS REQUIRED:

WELL NO. \_\_\_\_\_

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>Check if no Drill Stem Tests Run. _____</p> <p>Check if samples sent to Geological Survey _____</p> <p><u>TOPEKA</u></p> <p>There were no shows of live oil/gas observed in the Topeka Section from 2500 feet to 2670 feet.</p> <p><u>TORONTO</u></p> <p>Limestone; white, blocky, medium hard very fine crystalline; chalky fossiliferous in part; rare dead black oil stain o fluorescence or odor, very weak white cut.</p> <p><u>DOUGLAS</u></p> <p>There were no clean sandstones or porous limestones in the Douglas Section from 2705 feet to 2795 feet.</p> <p><u>LANSING KANSAS CITY</u></p> <p>Limestone; very light brown, blocky, brittle; very fine crystalline, medium sized, medium to well developed ooliticasts; very good porosity, common brown to dark brown oil stain, spotty yellow white oil fluorescence, very light odor, good streaming white cut; fair show large oil drops.</p> <p><u>DRILL STEM TEST #1</u></p> <p>TESTING: 20-20-10-20 BLOW: IF very weak FF no blow; recovery: 3' mud CONTINUED.....</p> <p>If additional space is needed use Page 2,</p>	Survey		HEEBNER TORONTO DOUGLAS BROWN LIME LANSING BASE K.C. CONGLOMERATE REWORKED SIMPSON SHALE ARBUCKLE T.D.	2670 2700 2709 2799 2834 3130 3156  3180 3188 3243
	2696	2705		
	2848	2852		
	2838	2875		

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#	251'	pozmix	165	3%cc 2%gel
PRODUCTION		5 1/2"	14#	3242'	50/50 poz	125	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			

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

UCT 20 1983  
CONSERVATION

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State Geological Survey  
WICHITA BRANCH

ACO-1 WELL HISTORY

SIDE TWO (Page Two)

OPERATOR PETROLEUM ENERGY, INC. LEASE NAME Just #1

SEC. 14 TWP. 18 S. RGE. 8 W

FILL IN WELL LOG AS REQUIRED:

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p style="font-size: small;">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 style="font-size: small; text-align: right;">SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</p>				
<p>PRESSURES: IBHP 41#; FBHP 41#; IFP 52-41#; FFP 41-41# HH: 1556-1552#: BHT 106°F</p>				
<p>Limestone; white, sub-blocky, moderately soft; very fine crystalline; very oolitic, chalky; fair vuggy porosity, rare light oil stain; weak white fluorescence, no odor, weak white cut, rare free oil when crushed.</p>	2890	2894		
<p>Limestone; white, sub-blocky, firm, fine crystalline, sucrosic, chalky oolitic and oolitic; good intercrystalline and vuggy porosity; rare black oil stain, weak white fluorescence, no odor, milky white cut, no free oil.</p>	2904	2910		
<p>Limestone; white, jagged blocky, brittle; very fine crystalline; medium to coarse sized very well developed oolitic; very good porosity, no oil stain, fluorescence, odor or cut.</p>	2926 2944	2940 2948		
<p>Limestone; white, sub-blocky, firm, fine crystalline; fair intercrystalline and and pinpoint vuggy porosity; trace black oil specks; dull white fluorescence, weak white cut, no free oil</p>	3012 3023	3016 3032		
<p>Limestone; light brown, blocky, hard; very fine crystalline, trace chalk, tight, no oil stain, fluorescence, odor or cut.</p>	3116	3121		
<p><u>CONGLOMERATE</u></p> <p>Conglomerate with sandstone; pink, white blocky, hard, fine grained, tight with chert; brown, "fresh", tight with weathered limestone; fractured and pitted, good porosity; trace fracture oil stain, white fluorescence, no odor, white cut, rare free oil.</p>	3158	3168		
<p>Chert; multicolored red, yellow, brown, white; rarely tripolitic with trace oil stain, no odor, weak white cut with trace dirty tight sand; no free oil.</p>				
<p>NOTE: The zone from 3176-3180 may be an eroded Simpson Sand remnant.</p>				
<p><u>SIMPSON</u></p> <p>Weathered "junky" shale; gray, maroon, soft with trace sandy, blue, green and waxy.</p>	3180	3188		
<p><u>ARBUCKLE</u></p> <p>Dolomite, light brown, blocky, hard; fine to medium crystalline; fair porosity, trace oil stain, yellow white fluorescence, no odor, white cut, trace free oil.</p>	3188	3190		
<p>Dolomite; light brown, sub-blocky, slightly friable; medium crystalline, good porosity moderately common bubbly oil stain, yellow white fluorescence, moderate odor, good white cut, fair show free oil.</p>	3190	3192		

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 STATE CORPORATION COMMISSION  
 OCT 20 1983  
 CONSERVATION DIVISION  
 Wichita, Kansas

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State Geological Survey  
WICHITA BRANCH

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR PETROLEUM ENERGY, INC. LEASE NAME Just #1

SEC. 14 TWP. 18SRGE. 8W (V)

FILL IN WELL LOG AS REQUIRED:

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
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.				
<p><u>DRILL STEM TEST #2</u></p> <p>PERIODS: 30-30-15-30            BLOW: IF very weak FF: very weak            RECOVERY: 75 feet slight oil cut mud;                      2% oil            PRESSURES: IBHP 883#; IFP 81-81#                          FBHP 860#; FFP 104-104#                          HH: 1641-1619#            TEMPERATURE: 116°</p> <p>Dolomite; white, very light brown, sub-blocky to blocky; medium hard to firm, trace friable; fine to medium crystalline; fair to moderately good porosity, common oil stain, yellow white fluorescence, moderate odor, good white cut, fair show free oil.</p>	3192	3203		
<p><u>DRILL STEM TEST #3</u></p> <p>TESTING PERIODS: 30-30-15-30            BLOW: IF weak; FF very weak            RECOVERY: 30 feet oil cut mud; 20% oil;                      10% water; 70% mud            PRESSURES: IBHP 52#; FBHP 52#;                          IFP 52-52#; FFP 52-52#                          HH 1768-1716#            TEMPERATURE: 118°</p> <p>Dolomite; white, light brown, sub-blocky firm; fine to medium crystalline, fair to moderately good porosity, common to trace oil stain, yellow white fluorescence, moderate odor, white cut, trace free oil.</p>	3194	3203		
<p>Dolomite; light brown, white, blocky firm fine crystalline; fair to good porosity; trace white chert, trace oil stain, yellow fluorescence, moderate odor, white cut, fair show free oil.</p>	3203	3208		
<p>Dolomite; light brown, white, blocky firm fine crystalline; fair to good porosity; trace white chert, trace oil stain, yellow fluorescence, moderate odor, white cut, fair show free oil.</p>	3208	3216		
<p><u>DRILL STEM TEST #4</u></p> <p>TESTING PERIODS: 10-15-10-15            BLOW: IF very weak FF very weak                  Recovery: 3' mud            PRESSURES: IBHP 52# FBHP 83#                          IFP 52-52# FFP 52-52#                          HH 1768-1747#            TEMPERATURE: 118°</p> <p>Clay; white, rounded, soft, dolomite micro to very fine crystalline; no stain or cut.</p>	3203	3216		
<p>Dolomite; white, blocky moderately hard very fine crystalline, fair to porosity, rare oil stain, yellow white fluorescence very light odor, white cut, trace free oil</p>	3216	3222		
<p>Dolomite; light brown, sub-blocky, moderately friable; fine crystalline; good porosity, common oil stain, yellow white fluorescence, moderate odor, white cut, fair show free oil, good show when crushed.</p>	3222	3231		
<p>Dolomite; light brown, sub-blocky, moderately friable; fine crystalline; good porosity, common oil stain, yellow white fluorescence, moderate odor, white cut, fair show free oil, good show when crushed.</p>	3231	3241		
<p><u>DRILL STEM TEST #5</u></p> <p>TESTING PERIODS: 30-30-30-30            BLOW: IF strong FF strong            RECOVERY: 150' gas in pipe, 460' froggy oil</p>	3216	3241		

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CONSERVATION DIVISION  
Wichita, Kansas

# State Geological Survey

SIDE TWO (Page Two) WELL HISTORY  
 OPERATOR PETROLEUM ENERGY, INC. LEASE NAME JUST #1 SEC. 14 TWP. 18S RGE. 8W

## FILL IN WELL LOG AS REQUIRED:

<small>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.</small>			<small>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</small>	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
40° gravity corrected PRESSURES: IBHP 1039#    FBHP 1039# IFP 52-83#    FFP 135-135# HH 1716-1716# TEMPERATURE: 118°				