

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5230
name PETROLEUM ENERGY, INC.
address Kress Energy Center
224 E. Douglas - Suite 350
City/State/Zip Wichita, Kansas 67202

Operator Contact Person Erin Marshall
Phone (316) 265-2661

Contractor: license # 5420
name White & Ellis Drilling

Site Geologist Michael Wreath
Phone (316) 285-6508
PURCHASER Inland Crude

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

11-10-85 11-13-85 12-6-85
Spud Date Date Reached TD Completion Date

200' PBTD
Total Depth

Amount of Surface Pipe Set and Cemented at 379' feet

Surface Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, Show Depth Set feet

API NO. 15 - 053-2098

County Ellsworth

C S/2 NW SE Sec 5 Twp 16s Rge 10w West
(location)

1650 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

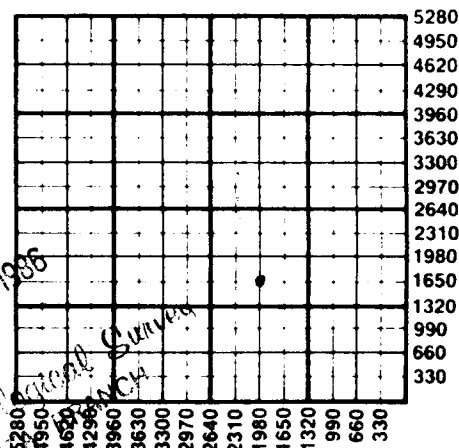
Lease Name OSHEL 'A' Well# 1

Field Name Stoltenberg

Producing Formation Arbuckle

Elevation: Ground 1852 KB 1857

Section Plat



WATER SUPPLY INFORMATION

Source of Water: HAULED

Division of Water Resources Permit #

☐ Groundwater. Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of

Sec Twp Rge ☐ East ☐ West

☐ Surface Water. Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner

Sec Twp Rge ☐ East ☐ West

☐ Other (explain) bought

(purchased from city B.W.D.A.)

TUBING RECORD size 2-7/8" set at 3317 packer at

Liner Run ☐ Yes ☐ No

Date of First Production Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
52 Bbls		MCF	Bbls	CFPB	

Disposition of gas: ☐ vented
☐ sold

METHOD OF COMPLETION

☐ open hole ☒ perforation
☐ other (specify)

PRODUCTION INTERVAL

3320-3324

Operator Name PETROLEUM ENERGY, INC. Lease Name Oshel 'A' Well# 1... SEC..5... TWP.16s... RGE...10w... ☐ East ☐ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☒ Yes ☐ No

Formation Description
☐ Log ☒ Sample

TORONTO
 Limestone; white, very light brown, hard 2903-2914
 very fine crystalline; chalky in part;
 poor porosity; no oil stain, fluorescence
 odor or cut.

DOUGLAS
 There were no clean sandstones or carbonates developed
 in the Douglas section from 2914 to 2982 feet.

LANSING
 Limestone; white, sub-blocky, moderately hard 3005-3012
 to firm, fine crystalline; oolitic fair inter-
 granular porosity; no oil stain, fluorescence,
 odor or cut.

Limestone; very light brow, sub-blocky, brittle 3032-3036
 very fine crystalline; very well to well dev-
 eloped medium to large sized oolcasts with
 gray oolitic chert; trace oil stain, yellow
 fluorescence; no odor, weak white cut, trace
 oil film and oil rainbows.

Limestone; white very light brown, sub-blocky, 3092-3114
 brittle, very fine to fine crystalline; medium
 to well developed medium sized oolcasts; mod-
 erately common chalk; very good to good
 porosity; no oil stain, fluorescence, odor or
 cut.

Limestone; white., sub-blocky, moderately hard 3142-3150
 to firm; fine crystalline, slightly oolitic and oolcastic
 moderately good porosity in part; common chalk;
 no oil stain, fluorescence, odor or cut.

Name	Top	Bottom
HEEBNER	2884	
TORONTO	2903	
DOUGLAS	2914	
BROWN LIME	2984	
LANSING	3005	
ARBuckle	3321	
TOTAL DEPTH	3360	

CASING RECORD

☐ new ☐ used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
SURFACE	12- $\frac{1}{4}$ "	8- $\frac{5}{8}$ "	20#	379'	50/50 poz	210	2% gel 3% cc
PRODUCTION	7- $\frac{7}{8}$ "	5- $\frac{1}{2}$ "	14#	3,359'	60/40 poz	150	2% gel 18% salt

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	3320-3324	100 gallons of mud acid	

WELL NO.

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 & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Limestone, very light brown, sub-blocky, friable, very fine crystalline, oolitic; moderately good porosity; no oil stain, fluorescence, odor or cut.	3216	3221		
Limestone, dull white, blocky, hard, very fine crystalline; poor intercrystalline porosity; trace chalk and pyrite; no oil stain, fluorescence, odor or cut.	3252	3256		
<u>SIMPSON SAND</u> Sandstone; very light gray, sub-blocky, hard; very fine to fine grained; moderately well sorted sub-angular, quartz grains with silica cement; fair intergranular porosity; no oil stain, fluorescence or odor; slight white cut, no free oil.	3316	3320		
<u>ARBUCKLE</u> Dolomite; white, very light brown sub-blocky, moderately friable; fine crystalline; good intercrystalline porosity with few sand grains and trace pyrite; trace oil stain, yellow fluorescence; moderate odor, white cut; rare free oil.	3321	3323		
<u>DRILL STEM TEST #1</u> 30-30-30-30 BLOW: IF, weak increasing to strong FF, weak increasing to strong REC: 60' gas in pipe, 450' total fluid 30' gas cut oil; 95% oil, 5% gas 60' slight mud and gas cut oil; 85% oil, 5% gas, 10% mud 360' slight mud and gas cut oil; 72% oil, 5% gas, 23% mud PRESSURES: IBHP: 1102; FBHP 1091 IFP 85-160; FFP 182-214; HH 1731-1731 TEMP: 106°F	3283	3325		
Dolomite; very light brown, white sub-blocky moderately hard; fine crystalline to rarely medium crystalline; moderately good to good intercrystalline porosity, with trace white oolitic chert; light yellow fluorescence; moderate odor. white cut; rare free oil.	3323	3338		
Dolomite; white, light brown, brown blocky to sub-blocky; hard; fine to medium crystalline; fair intercrystalline porosity with trace chert and pyrite; rare oil stain, light yellow fluorescence; light	3341	3358		

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Geological Survey
ALBERTA BRANCH