

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 224 E. Douglas - Suite 350
Wichita, Kansas 67202
City/State/Zip

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

Contractor: license # 5420
name White & Ellis Drilling Company

Wellsite 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.)

if OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

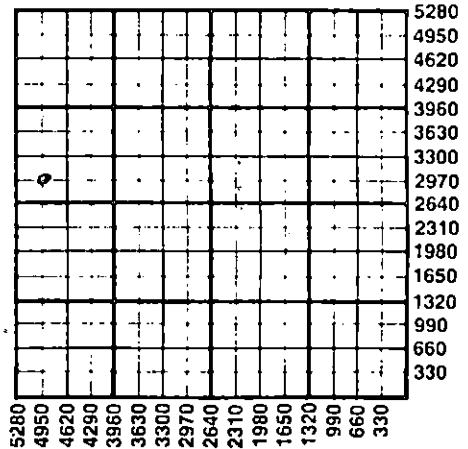
WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
7-3-85 7-10-85 9-16-85
Spud Date Date Reached TD Completion Date
3738'
Total Depth PBDT
Amount of Surface Pipe Set and Cemented at 379' feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set feet
alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 185-22,243-0000
County Stafford
SW SW NW Sec. 6 Twp. 22s Rge. 13w West
4950 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name BAIER Well# 1
Field Name Curtis
Producing Formation Arbuckle
Elevation: Ground 1914 KB 1919

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)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

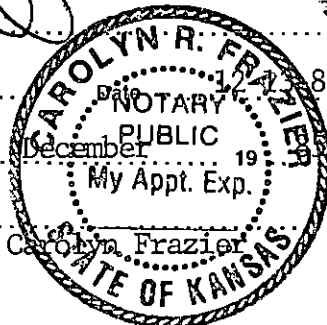
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Erin K. Marshall
Title secretary

Subscribed and sworn to before me this 12th day of December 1985
Notary Public Carolyn R. Frazier
Notary Commission Expires 7-30-89



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Form ACO-1 (7-84) CORPORATION COMMISSION

JAN 30 1986

CONSERVATION DIVISION

1-30-86

Sec. 6, Twp. 22, Rge. 13W

Operator Name ... PETROLEUM ENERGY, INC. ... Lease Name Baier Well# .1. SEC 6 TWP 22s RGE 13w 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

HOPEKA SECTION

Limestone; white, sub-blocky, moderately soft, 3142-3150
 fine crystalline, slightly fossiliferous, chalky
 in part; very good intercrystalline and pinpoint
 vuggy porosity; rare light oil stain, very light
 yellow fluorescence; no odor, very weak white cut;
 no free oil.

Name	Top	Bottom
HEEBNER	3242	
TORONTO	3262	
DOUGLAS	3276	
BROWN LIME	3366	
LANSING	3377	
ARBUCKLE	3699	
TOTAL DEPTH	3738	

TORONTO

Limestone; white, very light brown, sub-blocky 3260-3264
 firm, fine crystalline, slightly sucrosic, chalky
 in part; fair intercrystalline porosity; no oil
 shows; light yellow fluorescence; no cut or free
 oil.

DOUGLAS

There were no shows of oil/gas in the Douglas
 section. There were no sandstone or carbonates
 developed from 3272 feet to 3364 feet.

LANSING/KANSAS CITY

Limestone; light grey-brown, sub-blocky firm 3404-3410
 fine crystalline and fracture porosity; trace
 oil stain; light yellow fluorescence; light odor,
 good white cut; fair show of free oil.

Limestone; light grey, white sub-blocky, firm 3416-3420
 fine crystalline; good vuggy porosity; trace oil
 stain; yellow fluorescence; light odor, white
 cut; trace free oil film, rare oil drops.

DRILL STEM TEST #1 3390-3420

30-30-30-30 BLOW: IF:strong FF:strong PRESSURES: IBHP 581; FBHP 570
 RECOVERY: Gas to surface in 15 min., too small to gauge IFP 74-116; FFP 116-127
 365' total fluid/ 185' gassy oil cut watery mud: 10% oil; HH 1720-1720
 50% gas, 15% water, 25% mud/ 120' heavy oil and mud cut water; TEMP 106°F

CASING RECORD <input type="checkbox"/> new <input type="checkbox"/> 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 1/2"	8-5/8"	20#	379'	50/50 poz	300	2% gel
PRODUCTION	7-7/8"	5-1/2"	14#	3737'	60/40 poz	150	3% CC 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	3697-3699		

TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at	
2-7/8"	3694		
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		
Estimated Production Per 24 Hours	Oil	Gas	Water Gas-Oil Ratio Gravity
	85 Bbls	MCF	none Bbls CFPB

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION open hole perforation other (specify)
 PRODUCTION INTERVAL 3697-3699
 Dually Completed.
 Commingled

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR P.E.I.LEASE NAME BAIER #1

WELL NO. _____

SEC. 6 TWP 22s RGE 13w (E)
(W)

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, flakey moderately hard, very fine crystalline; oolitic, moderately good intergranular and pinpoint vugular porosity; trace oil stain, some stain dessicated; dull yellow fluorescenc, no odor, white cut, trace free oil with acid.	3440	3446		
Limestone; very light grey-brown sub-blocky, brittle, very fine crystalline; well developed medium sized oolcasts, very good porosity rare oil stain; spotty yellow flourescence; no odor, white cut, good show of free oil film; rare oil drops, looks wet and glossy.	3455	3463		
Limestone; very light grey, sub-blocky, brittle; very fine crystalline; well developed medium to large sized oolcasts; very good porosity; moderately common oil stain, light yellow fluorescence; light odor, good streaming white cut; moderately good show of free oil.	3502	3508		
Limestone; light grey white, sub-blocky, firm fine crystalline; good vuggy porosity; trace oil stain, light odor, white cut, yellow fluorescence; trace free oil film; a few drops of free oil.	3520	3530		
<u>DRILL STEM TEST #2</u> 30-30-30-30 BLOW: IF; strong blow FF; strong blow decreasing slightly REC: 960' gas in pipe / 1080' total fluid/ 240' gassy oil cut mud: 13% oil; 35% gas; 12% water; 40% mud/ 180' gas and oil cut muddy water; 21% oil; 33% water; 22% gas; 24% mud/ 120' heavy oil and gas cut muddy water; 35% oil; 10% gas 45% water; 10% mud/ 60' gassy oil cut water: 95% water/ 360' water. PRESSURES: IBHP 570; FBHP 570 IFP 180-360; FFP 402-476 HH 1794-1794 TEMP 109°F	3497	3530		
Limestone; white, sub-blocky, firm, fine crystalline; good intercrystalline and vugular porosity trace oil stain, pale yellow fluorescence; no odor, streaming white cut, trace free oil film; rare drops free oil.	3538	3548		

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CONSERVATION DIVISION
Wichita, Kansas

ACO-1 WELL HISTORY

PAGE ³ (Side One)
 OPERATOR P. E. I. LEASE NAME Baier #1 SEC 6 TWP 22s RGE 13w (W)
 WELL NO. _____ (E)

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, white sub-blocky; firm to moderately hard; medium to fine crystalline, granular and oolitic in part; moderately good intercrystalline and pinpoint intergranular porosity; moderately common oil stain, bright yellow fluorescence; moderate odor; good bright white streaming cut; fair show of free oil when crushed.	3562	3566		
<u>DRILL STEM TEST #3</u> 30-30-30-30 BLOW: IF: very weak building to 1½" FF: weak building to 2½" REC: 235' GIP; 65' total fluid 5' gassy oil cut mud: 8% oil, 52% gas, 10% water, 30% mud 60' slight oil cut mud: 3% oil 10% water, 87% mud PRESSURES: IBHP 264; FBHP 254; IFP 63-63; FFP 74-74 HH 1825-1825 TEMP 109°F	3558	3588		
Chert: red brown at top grading to white, brown, yellow; blocky; hard generally tight with trace dark brown, granular chert with very good vuggy porosity; good show of oil stain, light yellow fluorescence; light odor, good flash white cut; good show of free oil.	3630	3645		
Sandstone; light brown, firm, fine grained; well rounded, well sorted; good porosity; abundant oil stain good yellow-white fluorescence; moderate odor, good white cut; fair show of free oil when crushed.	3696	3697		
<u>ARBUCKLE</u> Dolomite; light grey-brown, sub-blocky; hard to brittle; very fine to fine crystalline; moderately well developed medium sized oolitic; trace oolitic; very good to excellent porosity; abundant oil staining; good yellow fluorescence; moderate odor, very good show of free oil; excellent show of oil with acid.	3697	3700		
<u>DRILL STEM TEST #4</u> 30-30-30-30 BLOW: IF; strong off bottom of bucket in 5" FF; strong blow throughout REC: 250' gas in pipe/1310' total fluid 50' oil and gas cut watery mud: 25% oil, 15% gas, 20% water, 40% mud 60' heavy oil and gas cut watery mud: 42% oil, 8% gas, 20% water, 30% mud 840' gassy oil: 93% oil, 7% gas 360' gassy oil; 70% oil, 30% gas PRESSURES: IBHP 1228; FBHP 1228; IFP plugging to 381; FFP 508-570; HH 1867-1867 TEMP: 116°F	3628	3701		

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ACO-1 WELL HISTORY

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PAGE 2 (Side One)
OPERATOR P.E.I. LEASE NAME BAIER #1
WELL NO. _____

(E)
SEC 6 TWP 22S RGE 13W (W)

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
Dolomite; white, blocky moderately hard; fine crystalline; fair inter crystalline porosity with rare oolitic chert; trace oil stain, light yellow fluorescence; moderate odor; white cut, trace free oil.	3700	3704		
Dolomite; white; blocky to sub-blocky; moderately hard; very fine to fine crystalline; moderately good intercrystalline porosity; trace oil stain, light yellow fluorescence; moderate odor, white cut, trace free oil.	3706	3713		
Dolomite; white, very light brown, blocky, moderately hard; fine to very fine crystalline; fair to moderately good intercrystalline porosity; trace oil stain, light yellow fluorescence; moderate to moderately strong odor; white cut, trace free oil.	3716	3733		
Dolomite; white, sub-blocky, firm, medium to fine crystalline moderately good to good intercrystalline porosity; light yellow fluorescence; moderate odor, good white cut, fair show of free oil, one (1) piece with good fracture stain.	3733	3737		

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