

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

Purchaser N/A

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

Contractor: License # 5929
Name Duke Drilling Company

Wellsite Geologist Michael J. Wreath
Phone 285-6508

Designate Type of Completion
New Well Re-Entry Workover
Oil Gas Dry
X SWD Inj Other (Core, Water Supply etc.)
Temp Abd Delayed Comp.

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
1-7-86 1-9-86 1-9-86
Spud Date Date Reached TD Completion Date
4,100
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 317 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API NO. 15-185-01-022
County Stafford
SW NE NW Sec. 6 Twp. 22S Rge. 13W East West
4290 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Baier Well # 2
Field Name Curtis
Producing Formation N/A
Elevation: Ground 1917' KB 1922

Section Plat

Section Plat grid with coordinates 5280-330 on both axes.

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #
Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Marshall

Title Secretary Date 7-28-87

Subscribed and sworn to before me this 28 day of July 1987

Notary Public Daryl Dahl

Date Commission Expires 1-29-91

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)



JUL 29 1987

Form ACO-1 (5-86)

7-29-87

Wichita, Kansas

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

Operator Name Petroleum Energy, Inc. Lease Name Baier Well # 2

Sec. 6 Twp. 22S Rge. 13W East West County Stafford

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

3789-3858
 Dolomite; white, very light brown; blocky to sub-blocky, hard; very fine to fine crystalline; trace oolitic and rare oolitic dolomite; fair to moderately good intercrystalline porosity; trace white oolitic chert; no oil show or odor.

| Name | Top | Bottom |
|-----------------|------|--------|
| Anhydrite | 799 | |
| Heebner | 3276 | |
| Lansing | 3412 | |
| Arbuckle | 3785 | |
| Old Total Depth | 3790 | |
| New Total Depth | 4100 | |

3858-3877
 3881-3884

Dolomite; white, sub-blocky, firm, medium crystalline; oolitic and oolitic in part; good intercrystalline and vuggy porosity; trace white oolitic chert; no oil shows or odor.

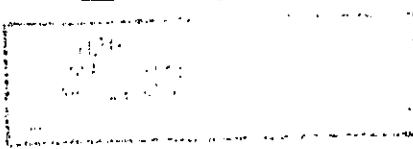
3884-3950

Dolomite; white, very light brown; sub-blocky to blocky; moderately hard; fine crystalline; moderately good to fair intercrystalline porosity;

| 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 |
| SEE PAGE TWO | | | | | | | |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | | Depth |
| | | | | | | | |
| TUBING RECORD | | | | Size | Set At | Packer at | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First Production | Producing Method <input type="checkbox"/> Flowing <input 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 | | |
| | Bbls | MCF | Bbls | CFPB | | | |

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled



ACO-1 WELL HISTORY

PAGE 2 (Side One)
 OPERATOR Petroleum Energy
 LEASE NAME Baier #2
 WELL NO.

(E)
 SEC 6 TWP22s 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 |
|---|------|--------|------|-------|
| trace chalk and white chert; no shows or odor. | | | | |
| Dolomite; white, light brown, sub-blocky to blocky; moderately hard; fine to very fine crystalline; moderately good intercrystalline porosity, with trace chalk and white chert; no oil shows or odor. | 3950 | 4032 | | |
| 4032-4100 Dolomite; light brown, brown, white sub-blocky to blocky; moderately hard to firm; fine to medium crystalline; trace sandy, moderately good to good intercrystalline porosity; trace chald and trace white and oolitic white chert | 4032 | 4100 | | |
| <u>INJECTION CASING</u> | | | | |
| Ran 97 joints (3862' 14lb.; 5 1/2: injection casing. Set at 3,850'. Cemented in two stages by Halliburton with 20 barrels Salt Flush. 12 barrels of Super Flush K, and 200 sacks of 50-50- pozmix cement containing 18% salt, .75% CFR-2 and 5 lbs. gilsonite per sack in bottom stage. Ran DV tool on top of join 76 (@828') and cemented upper stage with 180 sacks Halliburton Light Cement containing 1/4 lb. Flocele per sack after 20 barrels salt flush. Ran centralizers on collars 1, 3, 5, 7, 9, 11, 13, 76, 78, and 80. Ran basket on joint 76. Bottom plug down at 1:11 am January 10, 1986. Top plug down 2:05am Jan 10, 1986, Cement did not circulate to surface on top stage. Both plugs did hold. Shoe joint 28.17 feet. Three (3) joints of casing (@93') left on location. | | | | |

STATE OF KANSAS
 NATURAL RESOURCES

JUL 29 1987

Wichita, Kansas