

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 # 5278
Name PETROLEUM, INC.
Address Epic Center, Suite 900
301 N. Main
City/State/Zip Wichita, Kansas 67202

Purchaser None

Operator Contact Person Terry Naylor
Phone 316-793-8471

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Kenneth M. Dean
Phone 316/291-8220

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)
If OWNQ: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2-24-88 3-3-88 3-3-88
Spud Date Date Reached TD Completion Date
4125'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 230 feet
Multiple Stage Cementing Collar Used? Yes 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. 15-179-20,917-0000
County Sheridan
NW SW NE Sec. 11 Twp. 10S Rge. 26 East
XX West

3630 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

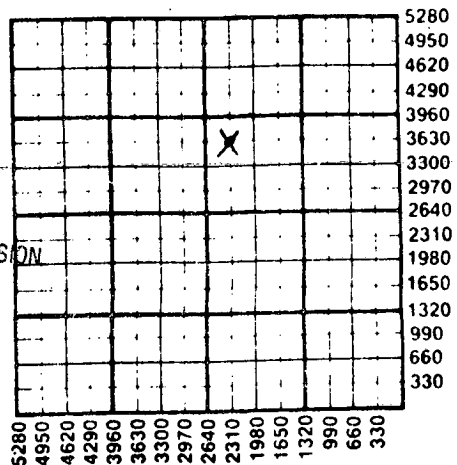
Lease Name Bittel 'E' Well # 3

Field Name Custer West

Producing Formation

Elevation: Ground 2588 KB 2593

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
5-2-88
MAY 02 1988
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

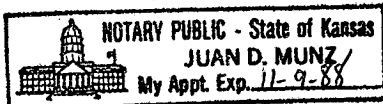
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # T88-119
 Groundwater 4620 Ft North from Southeast Corner
(Well) 650 Ft West from Southeast Corner of
Sec 12 Twp 10S Rge 26 East West
 Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from 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 Terry Naylor
Title Dist. Prod. Supt. Date 4-29-88

Subscribed and sworn to before me this 29th day of April 1988
Notary Public Juan D. Munz
Date Commission Expires 11-9-88



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)
5-2-88

Sec 11 Twp 10Rge 26W

SIDE TWO

Operator Name PETROLEUM, INC. Lease Name..... Bittel 'E' Well #..... 3

Sec..... 11 Twp..... 10S Rge..... 26 East West County..... Sheridan

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

Name Top Bottom

DST #1 3809-3861', 15-40-60-120, Rec 40' oil specked mud, 60" oil specked wtry mud. IFP 41-52#, ISIP 894#, FFP 62-93#, FSIP 883#.

DST #2 3866-3886', 15-40-60-120, Rec 10' GIP, 15' free oil, 40' sli oil cut mud. IFP 21-31#, ISIP 560#, FFP 52-62#, FSIP 560#.

DST #3 3886-3902', 10-40-30-30, Rec 5' oil specked mud. IFP 10-21#, ISIP 800#, FFP 21-21#, FSIP 664#.

DST #4 3910-3938', 10-40-45-90, Rec 320' GIP, 70' clean oil, 570' gassy oil cut mdy water, 780' oil specked water. IFP 148-247#, ISIP 966#, FFP 346-583#, FSIP 960#.

DST #5 3967-3996', 10-40-60-120, Rec 30' GIP, 2' free oil, 58' sli oil cut mud. IFP 49-49#, ISIP 926#, FFP 59-59#, FSIP 916#.

DST #6 4038-4060', 10-40-60-120, Rec 1' free oil, 90' sli oil cut mud, 240' oil specked water. IFP 20-40#, ISIP 917#, FFP 59-128#, FSIP 907#.

Anhydrite	2221 (+ 372)
B/Anhydrite	2253 (+ 340)
Topeka	3600 (-1007)
Heebner	3812 (-1219)
Toronto	3834 (-1241)
Lansing	3850 (-1257)
'H' Zone	3987 (-1394)
Stark Shale	4040 (-1447)
B/KC	4084 (-1491)

CASING RECORD <input checked="" 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 1/4"	8 5/8"	20#	230'	60/40 Poz	140	2% Gel, 3% CC
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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
D&A		D&A <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		
	D&A 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

