

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-179-20,877-00-00
County... Sheridan
NW NE NE Sec. 11 Twp 10S Rge. 26 East
West

Operator: License # 5238
Name Petroleum, Inc.
Address 800 R. H. Garvey Building
300 W. Douglas
City/State/Zip Wichita, KS 67202

4950 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser Permian Corp.

Lease Name Bittel E. Well #. 1

Operator Contact Person Terry Naylor
Phone (316) 793-8471

Field Name Wildcat Custer, W

Producing Formation Lansing-Kansas City

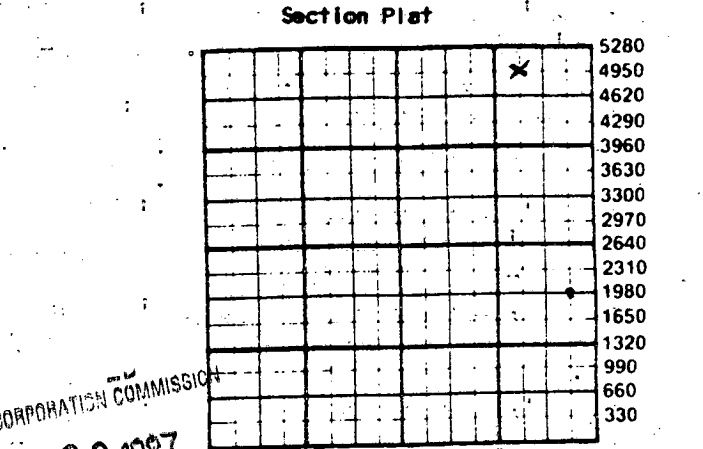
Contractor License # 5422
Name Abercrombie Drilling, Inc.

Elevation: Ground 2542 KB 2547

Wellsite Geologist Kenneth M. Dean
Phone 316-261-5220

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

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



STATE CORPORATION COMMISSION
JAN 28 1987
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION
Disposition of Produced Water: X Disposal
Docket # C-22,301 Repressuring

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable
11-6-86 11-15-86 1-1-87
Spud Date Date Reached TD Completion Date
4070' 4003'
Total Depth PBD

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

X Groundwater 1980 Ft North from Southeast Corner
(Well) 330 Ft West from Southeast Corner of
Sec 12 Twp 10 Rge 26 East X West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Alvin Mader
(purchased from city, R.W.D. #)
R-1, Box C04, Quinter, KS 67752

Amount of Surface Pipe Set and Cemented at 207 feet
Multiple Stage Cementing Collar Used? X Yes No
If yes, show depth set 2204 feet
If alternate 2 completion, cement circulated
from 2204 feet depth to Surface 400 SX cmt
Cement Company Name Halliburton
Invoice # 401520

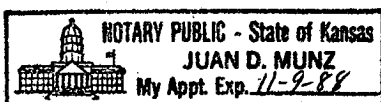
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 Kansas Dist. Supt. Date 1-27-87

Subscribed and sworn to before me this 27th day of January 1987.
Notary Public Juan D. Munz
Date Commission Expires 11-9-88

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



Sec. 11, Twp. 10, Rge. 26

Operator Name Petroleum, Inc. Lease Name Bittel E Well # 1

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

DST #1: 3764-3818', 15-30-60-120 Rec 120' GIP, 65' oil cut mud, 60' oil and water cut mud. IFP 75-64#, ISIP 757#, FFP 85-85#, FSIP 852#.
 DST #2: 3819-3841', 15-30-60-120 Rec 1620' GIP, 800' free gassy oil, 120' oil and gas cut mud. IFP 107-118#, ISIP 841#, FFP 225-321#, FSIP 862#.
 DST #3: 3842-3856', 15-30-60-120 Rec 480' GIP, 480' free gassy oil, 20' heavy oil cut mud. IFP 123-112#, ISIP 1013, FFP 168-190#, FSIP 1013#.
 DST #4: 3868-3894', 15-30-60-120 Rec 180' GIP, 70' oil and gas cut mud. IFP 67-56#, ISIP 935#, FFP 78-89#, FSIP 957#.
 DST #5: 3920-3952', 15-30-60-120 Rec 960' GIP, 360' free gassy oil, 120' gas and oil cut mud. IFP 89-89#, ISIP 1157#, FFP 134-179#, FSIP 1157#.
 DST #6: 3954-3994', 15-30-30-30 Rec. 2' mud. IFP 56-56#, ISIP 56#, FFP 56-56#, FSIP 56#.

Name	Top	Bottom
Anhydrite	2174 (+ 373)	
B/Anhydrite	2207 (+ 340)	
Topeka	3550 (-1003)	
Heebner	3763 (-1216)	
Toronto	3784 (-1237)	
Lansing	3801 (-1254)	
Stark Shale	3992 (-1445)	
B/KC	4034 (-1487)	

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#	207'	60/40 posmix	150	2% gel, 3% ca.c.
Production	7-7/8"	5-1/2"	14 & 15.5#	4068'	60/40 posmix	125	10% salt 2% gel 3/4 of 1% CFR-2, 12% Dear.
All 2 Comp.				2204'	60/35 posmix	400	6% gel, 7% gel
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	3939-43'	3842-46'	3829-33'	250 gal. 15% NE	1000 gal. gel	acid	3939-43'
				500 gal. 15% NE	2000 gal. gel	acid	3842-46' & 3829-33'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2-7/8"	Set At 3925.73	Packer at None				
Date of First Production		Producing Method					
1-1-87		<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	
150 Bbls		0 MCF	15 Bbls	N/A	CFPB		

METHOD OF COMPLETION

Production Interval

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

3829-33' 3842-46'
 3939-43'

