3

SIDE ONE

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 # 5238
Name Petroleum Inc.
Address P. O. Box 1255
City/State/Zip Liberal, KS 67901

Purchaser NA

Operator Contact Person Steve Phillips
Phone 316-624-1686

Contractor: License # 5382
Name Cheyenne Drilling

Wellsite Geologist Charles Moore, Jr.
Phone 713-363-9813

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd
[ ] Gas [ ] Inj [X] Delayed Comp.
[ ] Dry [ ] Other (Core, Water Supply etc.)

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

API NO. 15- 171-20,308

County Scott

SW NE Sec 35 Twp 19S Rge 33 [ ] East [X] West

3300 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

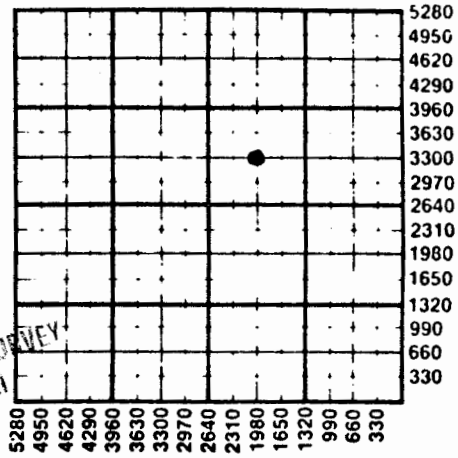
Lease Name Smith "BL" Well # 1

Field Name Hugoton North

Producing Formation

Elevation: Ground 2947 KB 2956

Section Plat



APR 30 1986

CONSERVATION DIVISION

WELL HISTORY

Drilling Method:
[X] Mud Rotary [ ] Air Rotary [ ] Cable

10/23/85	11/6/85	
Spud Date	Date Reached TD	Completion Date
4800	3530	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 415 feet
Multiple Stage Cementing Collar Used? [XX] Yes [ ] No
If yes, show depth set 2805 feet
If alternate 2 completion, cement circulated
from 2805 feet depth to surf w/ 140 SX cmt

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

[XX] Other (explain) purchased from The Hub of Syracuse
(purchased from city, R.W.D. #)

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. Rule 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

SIDE TWO

Operator Name ..Petroleum Inc..... Lease Name....Smith "BL".....Well #..1.....

Sec...35.... Twp...19S... Rge....33.... ☐ East ☒ West County....Scott.....

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

DST #1 2603-67 30-60-60-120
IHP - 1311 FHP - 1300
IFP - 99-99 FFP - 110-110
ISI - 308 FSI - 308
Rec'd 120' gassy drlg. mud

DST #2 3775-3805 30-60-60-120
IHP - 1994 FHP - 1983
IFP - 176-485 FFP - 572-822
ISI - 1017 FSI - 1017 BHT - 118°
Rec'd 1750' salty sulfur water

DST #3 4085-4113' Misrun

DST #4 4369-4411 30-60-60-120
IHP - 2123 FHP - 2112
IFP - 77-77 FFP - 110-110
ISI - 1148 FSI - 1137 BHT - 120°
Rec'd 120' thin mud

(see attached sheet)

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Cimmarron Anhyd.	2451	+505
Krider	2621	+335
Council Grove	2865	+ 91
Topeka	3549	-593
Heebner	3814	-848
Toronto	3825	-869
Lansing	3858	-902
Base K.C.	4265	-1309
Marmaton	4285	-1329
Cherokee	4408	-1452
Morrow Shale	4552	-1596
U. Morrow Sd	4560	-1604
L. Morrow Sd	4592	-1636
Mississippi-St.Lou	4653	-1697
TD	4800	-1844

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	12¼	8 5/8	24	415	C	250	2%cc
Production	7 7/8	5½	14 & 15.5	4230	50/50Poz	140	10% salt .4% Halad 322
DV Tool		Second stage			HLC	300	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2627-31	1000 gals. 15% Hydrochloric	
		acid	2627-31
		500 gal. gelled pad & 2130 gal	
		w/1#/gal. 12/20 sand	2627-31

TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

35-19-33W

Smith "BL" #1 API No. 15-171-20,308
Sec. 35-19S-33W
Scott Cty., KS

DST #5 4448-85 30-60-60-120
IHP - 2177 FHP - 2166
IFP - 55-55 FFP - 55-55
ISI - 110 FSI - 110 BHT - 120°
Rec'd 1' vsocm

DST #6 4556-75 30-60-60-120
IHP - 2238 FHP - 2238
IFP - 81-48 FFP - 81-65
ISI - 323 FSI - 403 BHT - 125°
Rec'd 20' mud

DST #7 4554-4615 30-60-60-120
IHP - 2286 FHP - 2286
IFP - 97-81 FFP - 113-97
ISI - 645 FSI - 484 BHT - 127°
Rec'd 90' socm

DST #8 4066-4153 Misrun

DST #9 4066-4153 Misrun