

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 Koch Oil Co.  
Wichita, KS

Operator Contact Person Steve Phillips  
Phone 316-624-1686

Contractor: License # 5382  
Name Cheyenne Drilling

Wellsite Geologist Bob Posey  
Phone 316-624-5919

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11/11/85 11/23/85 12/6/85  
Spud Date Date Reached TD Completion Date  
5250 5158  
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 1760 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-199-20,073-00-00

County Wallace

SW SW SW Sec. 33 Twp. 15S Rge. 42  East  West

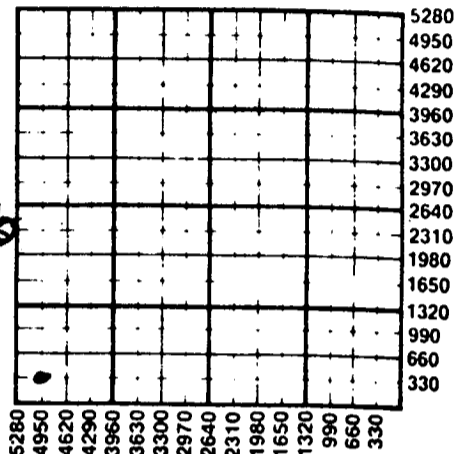
330 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Smith "BS" Well # 2

Field Name Stockholm, SW

Producing Formation Morrow

Elevation: Ground 3864 KB 3873  
Section Plat



MAR 6 1986  
03-06-86  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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 purchased from  
 Other (explain)...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 slide 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 S. L. Phillips  
Title Dist. Prod. Supt. Date 3/5/86

Subscribed and sworn to before me this 5th day of March 1986.  
Notary Public James R. Hatfield  
Date Commission Expires

NOTARY PUBLIC - State of Kansas  
JAMES R. HATFIELD  
My Appt. Exp. 9/25/96

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

Sec 33 Twp 15 Rge 42 W

Operator Name ..... Petroleum Inc. .... Lease Name ..... Smith "BS" ..... Well #... 2....

Sec.... 33.... Twp.... 15S.... Rge.... 42....  East  West County.... Wallace.....

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 4990-5160 30-60-60-120  
 IHP - 2275 FHP - 2249  
 IFP - 267-321 FFP - 321-348  
 ISI - 561 FSI - 508  
 BHT - 154°  
 REC. 562' sgcm

Name	Top	Bottom
B/Heebner	4118-245	
Toronto	4138-265	
Lansing	4216-343	
Morrow Shale	5017-1144	
Morrow Sand	5108-62 - 1235	
Ste. Gen.	5166-1293	

RELEASED

APR 17 1987

FROM CONFIDENTIAL

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	12 1/2	8 5/8	24#	1709	HLC	550	2%cc
					C	235	3%cc
Production	7 7/8	5 1/2	14#	5248	50/50poz	240	10% salt, 3/4% CFR-2

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5124-37		

TUBING RECORD  
 Size Set At Packer at Liner Run  Yes  No

Date of First Production 1/ 2/86  
 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
344 Bbls	0 MCF	0 Bbls	0 CFPB	44.5 @ 60°	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 5124-37.....  
 used on lease  Dually Completed .....  
 Commingled .....

Petroleum, Inc.  
Smith BS #2  
Section 33 - T15S - R42E - GWSU 50  
Wallace County, Kansas

Commenced: 11-11-85  
Completed: 11-22-85

Surface Casing: 1693' of 8-5/8"  
Cmtd w/ 550 sx HLC, 2% cc, 235 sx Class II,  
3% cc.

CONFIDENTIAL

FORMATION

DEPTH

Surface Hole	0 - 1710
Shale	1710 - 2230
Sand, Shale	2230 - 3030
Shale	3030 - 3320
Lime, Shale	3320 - 3502
Shale, Lime	3502 - 3685
Lime, Shale	3685 - 5126
Lime	5126 - 5160
Lime, Shale	5160 - 5230
Lime,	5230 - 5250 RTD

Nov 10 1985  
Geological Survey  
WICHITA BRANCH

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

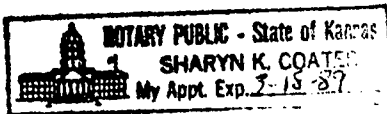
CHLYEDNE DRILLING, INC.

*A. J. Jacques*

A. J. Jacques

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 26<sup>th</sup> day of November 1985.



*Sharyn K. Coates*

Sharyn K. Coates, Notary Public

STATE CORPORATION COMMISSION

MAR 6 1985

CONSERVATION DIVISION  
Wichita, Kansas

RELEASED

APR 17 1987

FROM CONFIDENTIAL