

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 Tom Robertson  
Phone 405-354-1541

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
4/25/86 5/2/86 5/8/86  
Spud Date Date Reached TD Completion Date  
5240 5181  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1755.33 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

API NO. 15-199-20,084-00-00  
County Wallace  
SW NW SW Sec 33 Twp 15S Rge 42  East  West

1650 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

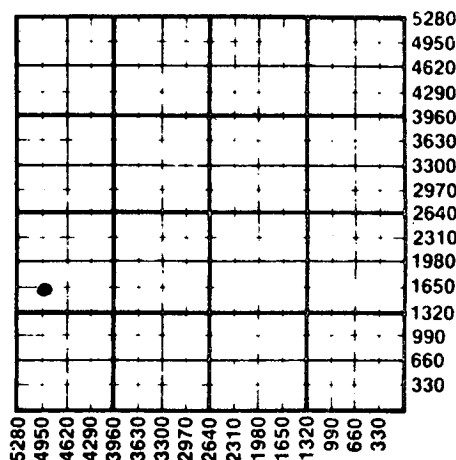
Lease Name Smith "BS" Well # 3

Field Name Stockholm, SW

Producing Formation Morrow

Elevation: Ground 3858 KB 3867

Section Plat



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  
 Other (explain) purchased from Palen Farms (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 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.

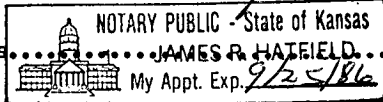
Signature Steven L. Phillips

Title Dist. Prod. Supt. Date 8/6/86

Subscribed and sworn to before me this 6th day of August 1986

Notary Public James R. Hatfield

Date Commission Expires



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)

08-07-86

Sec 33 Twp 15S Rge 42

SIDE TWO

Operator Name .....Petroleum Inc..... Lease Name.....Smith "BS".....Well #.....3.....

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

Name	Top	Bottom
Heebner	4104	-237
Toronto	4130	-263
Lansing	4206	-339
Basal K.C.	4610	-743
Cherokee	4716	-849
Atoka	4852	-985
Morrow Shale	5001	-1134
Stockholm	5090	-1223
Stockholm Lime	5134	-1267
St. Gen.	5156	-1289
TD	5240	-1373

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	24#	1755.33	HLC	500	2%cc
					"C"	200	2%cc
Production	7 7/8	5 1/2	14 & 15.5	5238	50/50Poz	290	10% salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	5092-5114		
4	5120-26		

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 7/8	5123	NA	

Date of First Production	Producing Method				
5/11/86	<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
	197 Bbls	0 MCF	0 Bbls	0 CFPB	43.9

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 5092-5114  
 Used on Lease  Dually Completed  Commingled ..... 5120-26