

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 Drlg.

Wellsite Geologist Tom Robertson  
Phone 405-235-6494

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

3/25/86 4/3/86 4/11/86  
Spud Date Date Reached TD Completion Date

5250 5154  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1764 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. 15-199.20.077-60-00

County Wallace

NE NE SE Sec. 32 Twp. 15S Rge. 42  East  West

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

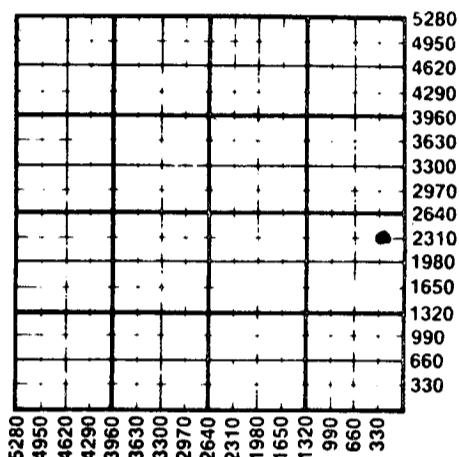
Lease Name Palen Well # 2

Field Name Stockholm *Se. adjacent*

Producing Formation Morrow

Elevation: Ground 3869 KB 3878

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 4/30/86

Subscribed and sworn to before me this 30th day of April 1986...  
Notary Public *James R. Hatfield*

Date Commission Expires  
NOTARY PUBLIC - State of Kansas  
JAMES R. HATFIELD  
My Appt. Exp. 2/25/86

MAY 01 1986  
CONSERVATION DIVISION  
Wichita, Kansas  
05-01-86

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)

Sec 32 Twp 15S Rge 42W

SIDE TWO

Operator Name ..... Petroleum Inc ..... Lease Name ..... Palen ..... Well # ..... 2 .....

Sec. .... 32 ..... 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
Council Grove	3264	+614
Heebner	4110	-232
Toronto	4135	-257
Lansing	4216	-338
Kans. City	4260	-742
Cherokee	4726	-848
Atoka	4866	-988
Morrow Shale	5011	-1133
Stockholm Sand	5102	-1224
L. Morrow Lime	5147	-1269
St. Gen.	5160	-1282
LTD	5232	

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 1/2	1764	Pacesetter "C"	500	2% cc
Production	7 7/8"	5 1/2"	14 & 15.5	5213	50/50 Poz	350	10% salt, 2% AHFD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5108-28		

TUBING RECORD Size 2 7/8 Set At 5153 Packer at NA Liner Run  Yes  No

Date of First Production 4/11/86 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	340 Bbls	0 MCF	0 Bbls	0 CFPB	43.8

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 5108-28 .....  
 Used on Lease  Dually Completed .....  
 Commingled .....