

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 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
1/8/86 1/16/86 3/1/86
Spud Date Date Reached TD Completion Date
5620 5210
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1719 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. 15-199-20,072-00-00

County Wallace

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

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

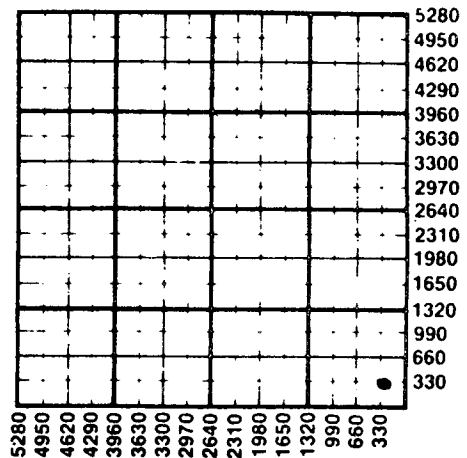
Lease Name Palen Well # 1

Field Name Stockholm

Producing Formation Morrow

Elevation: Ground 3875 KB 3884

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

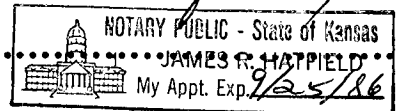
Source of Water:
Division of Water Resources Permit #
 Groundwater... Ft North from Southeast Corner (Well) ... Ft West from Southeast Corner
Sec Twp Rge East West
 Surface Water... Ft North from Southeast Corner (Stream, pond etc.) ... Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain) purchased from 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 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 Steve 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



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)

NOTARY PUBLIC - State of Kansas
JAMES R. HATFIELD
My Appt. Exp. 12/5/86
MAY 01 1986
05-01-86
CONSERVATION DIVISION
Wichita, Kansas

sec 35 rwp 15 Rge 42 W

SIDE TWO

Operator Name Petroleum Inc. Lease Name..... Palen Well #..... 1.....

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

DST #1 5011-5137 30-60-60-120
TOP CHART BOTTOM CHART
 IHP - 2417 2476
 IFP - 217-343 212-385
 ISI - 575 588
 FHP - 2404 2460
 FFP - 575-554 588-570
 FSI - 541 583
 BHT - 144°
 Rec'd 820' g&ocm

Name	Top	Bottom
B/Heebner	4122	-238
Toronto	4144	-260
Lansing	4224	-340
Morrow Sh.	5026	-1142
Morrow Sd.	5121-52	-1238
St. Gen.	5152	-1268

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 1/2	8 5/8	24 1/2	1719	HLC	550	2%cc
Production	7 7/8	5 1/2	14 1/2	5259	C 50/50poz	250 225	3%cc 10% salt, 3/4%

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	5122-34		

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 7/8	5190	NA	

Date of First Production	Producing Method				
3/ 1/86	<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
73 Bbls	0 MCF	0 Bbls	0 CFPB	43.8	

CFR-2

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 5122-34
 Used on Lease

Dually Completed
 Commingled