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STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-153-20-707
County Rawlins
NW NE SE Sec. 24 Twp. 1 Rge. 33 East
X West

Operator: License # 3667
Name Source Petroleum A Division of
Address Presley Petroleum Co.
200 W. Douglas, Suite 820
City/State/Zip Wichita, Kansas 67202

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

Purchaser Koch Oil Company

Lease Name Rather Well # A-1

Operator Contact Person John D. Howard, Jr.
Phone 316-262-7397

Field Name Wilhelm

Contractor: License # 9087
Name R & C Drilling Co., Inc.

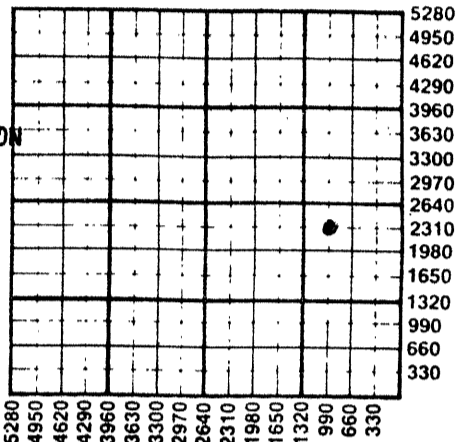
Producing Formation Lansing 100' Zone & 50' Zone

Wellsite Geologist Randy Lilak
Phone 722-4008

Elevation: Ground 3022' KB

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Section Plat



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

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Wichita, Kansas

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

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 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

X Other (explain) Farmer's pond - Mr. Elmer Hoff Seldon, Kansas (purchased from city, R.W.D. #)

WELL HISTORY
Drilling Method: X Mud Rotary Air Rotary Cable
3/5/88 3/15/88 4/13/88
Spud Date Date Reached TD Completion Date
4730' 4291'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 304 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
Cement Company Name
Invoice # A & I 5-10-88

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 John D. Howard, Jr.
Title Geologist/General Manager Date 5/04/88

Subscribed and sworn to before me this 4th day of May 1988
Notary Public Traci Grant
Date Commission Expires January 24, 1992

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)
5-6-88

TRACI GRANT
State of Kansas
My Appt. Exp. 1/24/92

Sec 27 Twp 1 N Rge 33 W

SIDE TWO

Operator Name Source Petroleum A Division of Lease Name Rather Well # A-1
Presley Petroleum Co.

Sec. 24 Twp. 1 Rge. 33 East West County Rawlins

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

See attached.

Formation Description
 Log Sample

Name	Top	Bottom
Oread	3963	3974
Lansing	4013	4310
Mississippi	4652	4678
Arbuckle	4678	- 0 -

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FROM CONFIDENTIAL
6-12-89

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 1/4"	8-5/8"		304'	60/40 poz	190	2% gel-3% cc
Production		4 1/2"		4730'			
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	4208-10 (2')			1/2 bbl. 15% MCA/ft.			
4	4202-04 (2')			7000 gals. 15% SGA Acid			
4	4177-79 (2')			spread throughout perfs'			
4	4159-66 (7')			" " " "			
4	4101-05 (4')			1/2 bbl. 15% MCA/ft. &			
				750 gals. 15% MCA			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8"		4138.66					
Date of First Production		Producing Method					
4-14-88		<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	
➔		25 Bbls	MCF	5 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4101-05
 Used on Lease Dually Completed 4065, 4071
 Commingled

Rather "A" #1
Attached to ACO-I.

DST #1 3937'-3975' Oread
op 30 si 45 op 30 si 45
Rec.: 150' muddy water (45% mud, 55% water)
IHP: 2009.1 FHP: 1949.1 BHT: 117 deg. F
IFP: 108.5-108.5 FFP: 134.8-134.8
ISIP: 1282.9 FSIP: 1259.9

DST #2 4024'-4075' 50' Zone
op 45 si 45 op 60 si 60
Rec.: 3' clean oil
122' muddy water (25% mud, 75% water)
IHP: 2090 FHP: 2006.8 BHT: 119 deg. F
IFP: 82.1-82.1 FFP: 113.3-82.1
ISIP: 940.9 FSIP: 883.5

DST #3 4071'-4125' 100' Zone
op 30 si 45 op 60 si 60
Rec.: 5' clean oil
15' muddy water cut oil (60% oil, 20% water, 20% mud)
105' muddy water (70% water, 30% mud)
IHP: 2122.3 FHP: 2078.4 BHT: 120 deg. F
IFP: 72.5-74.9 FFP: 98.9-98.9
ISIP: 940.9 FSIP: 796.3

DST #4 4125'-4170' 140' Zone
op 45 si 45 op 60 si 60
Rec.: 130' drilling mud with few specks of oil at top
IHP: 2101.5 FHP: 2048.4 BHT: 120 deg. F
IFP: 74.9-74.9 FFP: 96.5-96.5
ISIP: 658.2 FSIP: 424.5

DST #5 4168'-4220' 160' and 180' Zones
op 45 si 60 op 45 si 60
Rec.: 30' drilling mud; no show of oil
IHP: 2159.2 FHP: 2069.2 BHT: 120 deg. F
IFP: 62.8-62.8 FFP: 62.8-62.8
ISIP: 431.4 FSIP: 312.3

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