

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. 15-135-23,093.0000
County... Ness
SW SE NE Sec. 16 Twp. 20S Rge. 23 East
West

Operator: License # 5046
Name Raymond Oil Company, Inc.
Address P. O. Box 48788
Wichita, Kansas 67201
City/State/Zip

3195 Ft North from Southeast Corner of Section
1050 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser

Lease Name... Mauch Well #... 1

Operator Contact Person Pat Raymond
Phone 316/267-4214

Field Name... Pawnee Valley

Producing Formation

Contractor: License # 5420
Name White & Ellis Drilling, Inc.

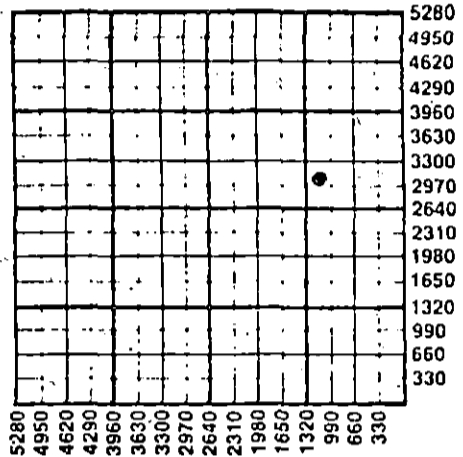
Elevation: Ground 2259' KB 2264'

Wellsite Geologist Timothy D. Hellman
Phone 316/267-4214

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

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

Section Plat



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 #
X Groundwater 3410 Ft North from Southeast Corner
(Well) 5250 Ft West from Southeast Corner of
irrigation Sec 16 Twp 20S Rge 23 East X 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 city, R.W.D. #)

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
2-5-87 2-12-87 2-12-87
Spud Date Date Reached TD Completion Date
4424
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 474 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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.

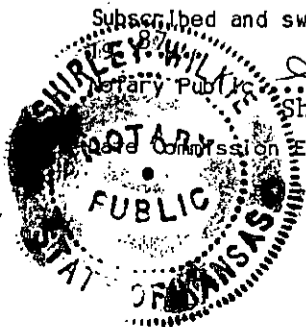
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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 Wm. M. Raymond
Title President Date 3-5-87

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)
6 1987
Form ACO-1 (5-86)

Subscribed and sworn to before me this 5th day of March
Notary Public Shirley Wilkie
Date Commission Expires January 29, 1988



3-6-87

Sec. 16, Twp. 20, Rge. 23 East

SIDE TWO

Operator Name Raymond Oil Company, Inc. Lease Name Mauch Well # 1

Sec. 16 Twp. 20S Rge. 23 East West County Ness

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: 4358'-4396', 30-30-30-30. Initial Open very weak blow. 2nd open - no blow. Flushed tool after 5 min. No help. Rec. 65' drlg. mud. IHP 2188#, FHP 2167#. IFP 21-21, ISIP 1366#, FFP 32-32, FSIP 1366#. Temp 120°

DST #2: 4358'-4399', 30-30-45-45, First Open - 2" blow in bucket, built to 8"; 2nd open - 3" blow in bucket. Rec. 400' muddy salt water. IFP 54#-75#, ISIP 1377#, FFP 129#-194#, FSIP 1377#. Temp 120°.

Name	Top	Bottom
Anhydrite	1504'	
Base Anhydrite	1541'	
Heebner	3723'	
Toronto	3739'	
Lansing	3771'	
Base Kansas City	4111'	
Marmaton	4150'	
Pawnee	4224'	
Ft. Scott	4297'	
Cherokee Shale	4321'	
Cherokee Sand	4394'	
Mississippi	4418'	
RTD	4424'	
LTD	4423'	

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"	20#	474'	pos-mix	250	2% Gel; 3% cc.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

