

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 # 5428
Name Graves Drilling Co., Inc.
Address 910 Union Center
Wichita, Kansas 67202
City/State/Zip

Purchaser Koch Oil Company
Wichita, Kansas 67201

Operator Contact Person Betty Brandt
Phone 316 265-7233

Contractor: License # 5428
Name Graves Drilling Co., Inc.

Wellsite Geologist Arden Ratzlaff
Phone 316 262-8938

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
12-1-84 12-7-84 12-7-84
Spud Date Date Reached TD Completion Date
4320' 4293'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 518 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. 15-007-21,966-00-00

County Barber

C. NE NW Sec 11 Twp 32S Rge 12 East West

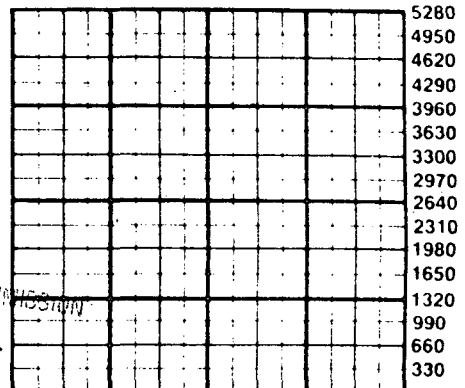
4620 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Theron Well # 3

Field Name Medicine River Pool

Producing Formation Mississippian

Elevation: Ground 1456' KB 1467'
Section Plat



RECEIVED
STATE CORPORATION COMMISSION
FEB 21 1985
CONSERVATION DIVISION
Wichita, Kansas

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 # T 84-897

Groundwater 4600 Ft North from Southeast Corner
(Well) 3330 Ft West from Southeast Corner of
NW/4 Sec 11 Twp 32S Rge 12 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 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 Betty Brandt
Title Secretary-Treasurer Date 2-20-85

Subscribed and sworn to before me this 20th day of February 1985
Notary Public Karen L. Seiler

Date Commission Expires 3-15-88

KAREN L. SEILER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-15-88

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 11 Twp 32S Rge 12W

SIDE TWO

Operator Name Graves Drilling Co., Inc. Lease Name Theron Well # 3

Sec. 11 Twp. 32S Rge. 12 East West County Barber

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
Red bed	0	645
Shale & lime	645	1538
Shale	1538	2053
Shale & lime	2053	4320
Rotary Total Depth		4320
Elgin Shale	3342	(-1875)
Elgin Sand	3366	(-1899)
Heebner	3493	(-2046)
Douglas Sand	3630	(-2163)
Lansing	3672	(-2205)
Stark	4049	(-2582)
Mississippian	4227	(-2760)
LTD	4320	(-2853)

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 (new)	12 1/2"	8-5/8"	23#	518'	common	275	2% Gel, 3# CC
Production (U)	7-7/8"	4-1/2"	10.5#	4318'	surefill	75	500 gal. mud sweep
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 shots	4232' to 4236', 4242' to 4244', 4246' to 4248', 4258' to 4260', 4268' to 4270' & 4276' to 4278'			Acidized with 1500 gals. of 7% Demud acid Fraced with 25,000# of 10-20 and 10,000# 8-12 sand & 1355 barrels of XL-4 treating fluid.		7% Demud acid and 10,000# XL-4 treating	
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2"	4305'	None			
Date of First Production		Producing Method					
February 8, 1985		<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 bbl.	25 Mcf.	0	1-1	32		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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