

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 Co.
Wichita, Kansas 67202

Operator Contact Person Betty Brandt
Phone 316 265-7233

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

Wellsite Geologist R. M. Linehan
Phone 316 265-7233

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
5-11-81 5-17-81 5-18-81
Spud Date Date Reached TD Completion Date
4373' 4357'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 391 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. 15-007-21,184-00-00

County Barber
80' South of E/2 W/2 NW Sec. 11. Twp. 32S Rge. 12. East West

3880 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

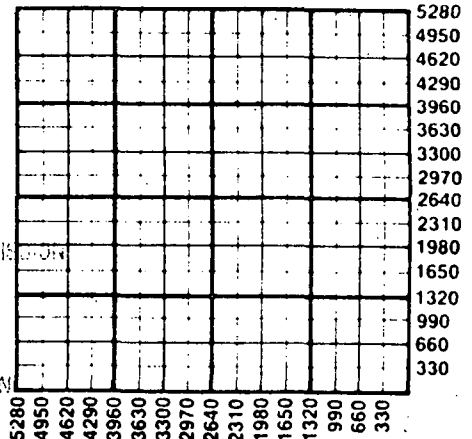
Lease Name Pennock Well # 1

Field Name Medicine River

Producing Formation Mississippi

Elevation: Ground 1459' KB 1470'

Section Plat



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STATE CORPORATION COMMISSION
JAN 17 1985
OIL & GAS 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. 81-269

Groundwater 3850 Ft North from Southeast Corner
(Well) 4220 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 1-16-85

Subscribed and sworn to before me this 16th day of January 1985
Notary Public Karen L. Seiler
Date Commission Expires 3-15-88

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)

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

SIDE TWO

Operator Name Graves Drilling Co., Inc. Lease Name Pennock Well # 1

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

Red bed 0 - 1080
 Shale & lime 1080 - 4373
 Rotary Total Depth 4373

Name	Top	Bottom
Elgin	3352	(-1882)
Heebner	3501	(-2031)
Lansing	3681	(-2211)
Stark	4060	(-2590)
Mississippi	4237	(-2767)
LTD	4371	(-2901)

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"	23#	391'	common	260	2% Gel, 3% CC
Production	7-7/8"	4-1/2"	10.5#	4371'	common	75	
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	4240 to 4248; 4257 to 4260; 4263 to 4264 & 4269 to 4270			Acidized with 1500 gal. 7 1/2% Demud with 50 ball sealers			
				Fraced w/ 35,000# 10-20 & 9,000# 8-12 sand & 1377 bbls gelled water			
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2"	4359'	None			
Date of First Production	Producing Method						
5-30-81	<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	50 MCF	10% Bbls	2-1 CFPB	33°		

METHOD OF COMPLETION

Production Interval

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

R O T A R Y D R I L L E R S ' L O G

OPERATOR: Graves Drilling Co., Inc. DRILLING COMMENCED: May 11, 1981
910 Union Center
Wichita, Kansas 67202

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: May 18, 1981
910 Union Center
Wichita, Kansas 67202

CASING RECORD: 10 Jts. 391' of new 8-5/8" LOCATION: Pennock No. 1
cemented with 260 sacks. 80' S of E/2 W/2 NW
Section 11-32S-12W
131 Jts. 4371' of new 4 1/2" Barber County, Kansas
cemented with 75 sacks.

0 - 1080 Red bed

1080 - 4373 Shale & lime

4373 Rotary Total Depth

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

Copy sent to:
State Corporation Commission
Kansas Geological Society
Kansas Geological Survey

GRAVES DRILLING CO., INC.

By Rebecca L. Matthews
Secretary-Treasurer

STATE OF KANSAS)
) ss.
SEDGWICK COUNTY)

Subscribed and sworn to before me, a Notary Public, this 29th day of May, 1981.

Rebecca L. Matthews
Rebecca L. Matthews Notary Public

My commission expires:

May 17, 1981

RECEIVED
STATE CORPORATION COMMISSION

JUN - 29 1981

CONSERVATION DIVISION
Wichita, Kansas