

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
City/State/Zip ...Wichita, KS 67202
Purchaser... Koch Oil Company
Wichita, KS 67201
Operator Contact Person Karen L. Seiler
Phone ...316-265-7233

Contractor: License # 5428
Name ...Graves Drilling Co., Inc.
Wellsite Geologist... Fredrick W. Stump
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 ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

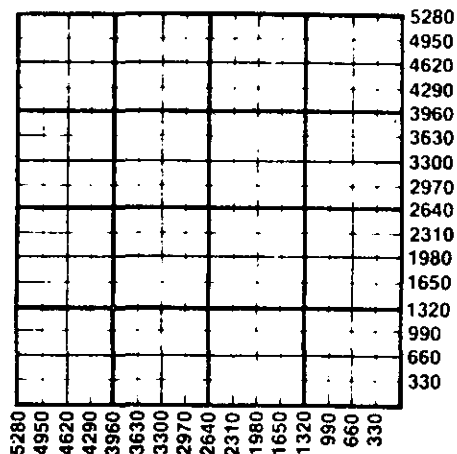
Drilling Method:
 Mud Rotary Air Rotary Cable
..11-29-85.. ..12-06-85... ..12-19-85...
Spud Date Date Reached TD Completion Date
..4600'..... ..4556'.....
Total Depth PBDT
Amount of Surface Pipe Set and Cemented at 266' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
if alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt

API NO. 15-007-22,100-00-00
County... Barber
NE SE NW Sec... 32 Twp... 32S Rge... 12 East West

3630 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name... Glenn Well #... 2
Field Name... medicine lodge - Boggs
Producing Formation... Mississippi

Elevation: Ground... 1686 KB... 1697
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 of 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)... hauled to lease (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
Title... Land Secretary Date... 1-22-86
Subscribed and sworn to before me this 22nd day of January... 1986...
Notary Public... Chris J. Strunk
Date Commission Expires... March 16, 1986



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)
RECEIVED

Form ACO-1 (7-84)

JAN 28 1986

SIDE TWO

Operator Name Graves Drilling Co., Inc. Lease Name Glenn Well # 2

Sec. 32 Twp. 32S Rge. 12W 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 - 915
 Shale 915 - 1527
 Shale & Lime 1527 - 4466
 Shale & lime, 4466 - 4600
 Miss.

Name	Top	Bottom
Elgin Shale	3604	(-1907)
Heebner Shale	3797	(-2100)
Lansing	3972	(-2275)
Stark Shale	4352	(-2655)
Mississippi	4512	(-2815)
RTD	4600	(-2903)
LTD	4602	(-2905)

CASING RECORD New 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"	23#	266	common	185	2% Gel, 3% CC
production	7 7/8"	4 1/2"	10.5#	4594	surefill	100	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
4 spf	4515-4540	Acidize w/1500 Gal 7 1/2% Gelled Acid. Fraced w/40,000# sand.	

TUBING RECORD Size 2" Set At 4574' Packer at _____ Liner Run Yes No

Date of First Production 12-19-85 Producing Method Flowing Pumping Gas Lift Other (explain.....)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	50	N/A	0		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Oper. Hole Perforation
 Sold Other (Specify) 4515-40
 Used on Lease Dually Completed
 Commingled

12-19-85