

END

S SIDE ONE

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

11-22-85 11-27-85 12-09-85
Spud Date Date Reached TD Completion Date
4335' 4310'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 519' 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. 15-007-22,101

County..... Barber

C... SW/4 Sec. 11 Twp 32S Rge. 12 ☐ East ☒ West

1320 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

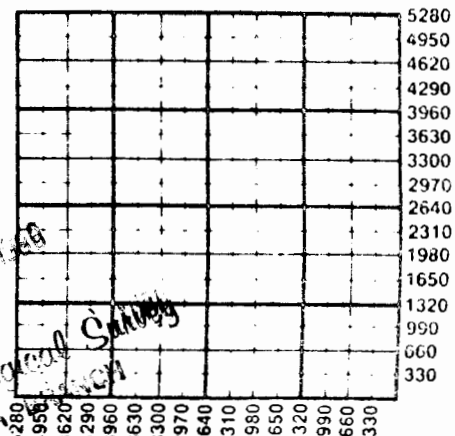
Lease Name..... Garten Well #... 4

Field Name.....

Producing Formation..... Mississippian

Elevation: Ground... 1458 KB 1469

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 #... T85-999

☒ Groundwater... 1450 Ft North from Southeast Corner
(Well) 4030 Ft West from Southeast Corner of
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.

SIDE TWO

Operator Name Graves Drilling Co., Inc. Lease Name Garten Well # 4

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	Elgin Shale	3348 (-1879)	
Shale & Lime	Heebner Shale	3504 (-2035)	
Red Bed, Shale & Lime	Douglas Sand	3554 (-2085)	
Shale & Lime	Lansing	3696 (-2227)	
Miss.	Stark Shale	4076 (-2607)	
	Mississippian	4254 (-2785)	
	LTD	4243 (-2874)	

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

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify)
☐ Used on Lease ☐ Not Used

4256-4278

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#	519'	60/40 Pos	275	2% Gel, 3% CG
production	7 7/8"	4 1/2"	10#	4331'	surefill	100	500 Gal Mud Sweep

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4spf	4256-4278	Acidize w/1500 Gal 15% acid	
		Fraced w/50,000# 10/20 sand &	
		16,000# of 8-12 sand	

TUBING RECORD Size 2 3/4" Set At 4235 Packer at Liner Run ☐ Yes ☒ No

Date of First Production Producing Method

12-10-85

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain)