

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

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
9-1-84 9-10-84 9-10-84
Spud Date Date Reached TD Completion Date

4916
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 314 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. 15-007-21,903-00-00

County Barber

N/2 NW NE Sec 36 Twp 31S Rge 15 East West
(location)

4290 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

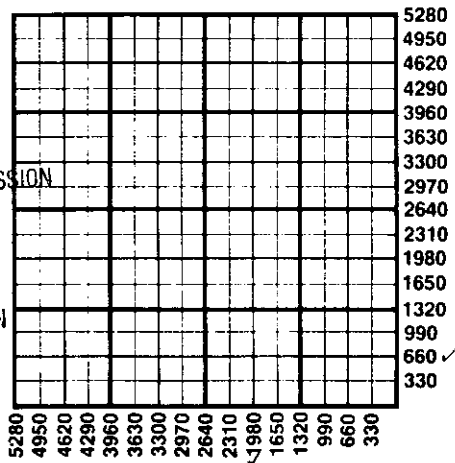
Lease Name Alexander Well# 2

Field Name

Producing Formation

Elevation: Ground 1874 KB 1885

Section Plat



RECEIVED
OCT 01 1984
10-1-84
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain) Purchased - W. C. Mills
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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 9-27-84

Subscribed and sworn to before me this 27th day of September 19 84

Notary Public Karen L. Seiler
Date Commission Expires 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)

KAREN L. SEILER
NOTARY PUBLIC Form ACO-1
STATE OF KANSAS
My Appt. Exp. 3-15-88
This form supercedes previous forms ACO-1 & C-10

Sec 36 Twp 31S Rge 15E

Operator Name Graves Drilling Co., Inc. Lease Name Alexander Well# 2 SEC 36 TWP. 31S RGE. 15 East West

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 - 40
 Red bed & shale 40 - 860
 Red bed 860 - 1015
 Red bed & shale 1015 - 1420
 Shale & lime 1420 - 4820
 Shale, lime & sand 4820 - 4870
 Shale & lime 4870 - 4916
 RTD 4916

Name	Top	Bottom
Winfield	2285	(- 400)
Indian Caye	3018	(-1133)
Wabaunsee	3070	(-1185)
Heebner	3937	(-2052)
Lansing	4116	(-2231)
Stark	4423	(-2538)
Mississippian	4666	(-2781)
Kinderhook	4700	(-2815)
Viola	4734	(-2849)
Simpson	4858	(-2973)
LTD	4917	(-3032)

CASING RECORD <input 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"	23#	314'	common	185 sx.	.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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB		

METHOD OF COMPLETION open hole perforation other (specify) _____
 Disposition of gas: vented sold used on lease Dually Completed. Commingled
PRODUCTION INTERVAL