

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

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 ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
4-6-85 4-14-85 4-14-85  
Spud Date Date Reached TD Completion Date  
4494'  
Total Depth PBTD

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. 15-007-22-012

County Barber

SW SW SE Sec. 30 Twp. 31S Rge. 12  East  West

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

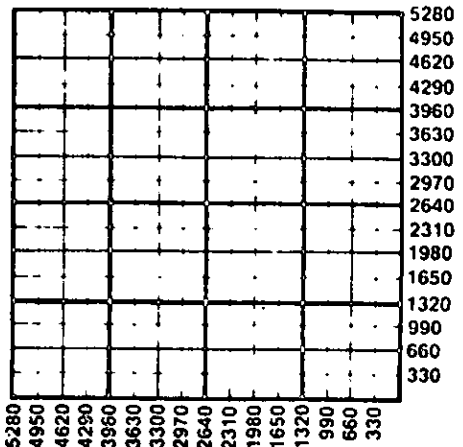
Lease Name Vera Well # 1

Field Name

Producing Formation

Elevation: Ground 1502' KB 1513'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Reinjecting  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # 85-353

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge  East  West

Surface Water 330 Ft North from Southeast Corner (Stream, pond etc) 2970 Ft West from Southeast Corner SE/4 Sec 30 Twp 31S Rge 12  East  West

Other (explain) (purchased from city, R.W.D. #)

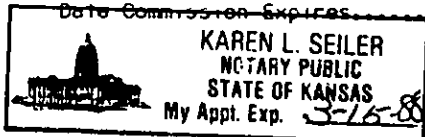
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 4-22-85

Subscribed and sworn to before me this 22nd day of April 1985  
Notary Public Karen L. Seiler

Date Commission Expires March 15, 1988



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec 30 Twp 31 Rge 12W

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

Sec. 30 Twp. 31S 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 & sand 0 - 40  
 Red bed 40 - 820  
 Shale & lime 820 - 4477  
 Sand 4477 - 4494  
 Rotary Total Depth 4494

Name	Top	Bottom
Indian Cave	2565	(-1052)
Wabaunsee	2621	(-1108)
Tarkio	2748	(-1235)
Heebner	3471	(-1958)
Lansing	3650	(-2137)
Stark	3992	(-2479)
Mississippi	4142	(-2629)
Kinderhook	4281	(-2768)
Viola	4378	(-2865)
Simpson Shale	4467	(-2954)
Simpson Sand	4477	(-2964)
LTD	4494	(-2981)

DST #1 3990-4026' 30-45-60-45 Rec. 190' of salt water. IFP & FFP 91-111# 142-152#. IBHP & FBHP 1439-1348#  
 DST #2 4145-4170' 30-45-60-45. Rec. 75' mud w/ oilspots. IFP & FFP 60-60# 71-81# IBHP & FBHP 801-426#

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 1/4"	8-5/8"	23#	266'	common	190	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 Size Set At Packer at Liner Run  Yes  No

Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (explain.....)

Estimated Production Per 24 hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION Production Interval  
 Disposition of gas:  Vented  Oper. Hole  Perforation  
 Sold  Other (Specify) .....  
 used on lease  Dually Completed .....  
 Commingled .....