

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 Ardan Ratzlaff
Phone 316 262-0635

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

9-17-84 9-27-84 9-27-84
Spud Date Date Reached TD Completion Date
4614' PBDT
Total Depth

Amount of Surface Pipe Set and Cemented at 472' 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. 15-007-21,921-00-00

County Barber

SW SW NE Sec 31 Twp 31S Rge 12 East West

2970 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

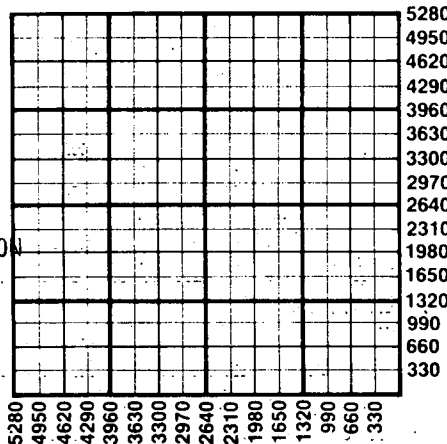
Lease Name Hall Well# 1

Field Name

Producing Formation

Elevation: Ground 1499' KB 1510'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
OCT 09 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T 84-635

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

Surface Water (Stream, Pond etc.) 2910 Ft North From Southeast Corner and 2250 Ft West From Southeast Corner Sec 31 Twp 31S Rge 12 East West

Other (explain) (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 10-5-84

Subscribed and sworn to before me this 5th day of October 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 ACO-1
STATE OF KANSAS
My Appt. Exp. 3-15-88

Sec 31 Twp 31S Rge 12

Operator Name Graves Drilling Co., Inc. Lease Name Hall Well# 11 SEC. 31 TWP. 31S RGE. 12 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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			

Name	Top	Bottom
Red bed	0	472
Red bed & shale	472	716
Shale & lime	716	3317
Sand, shale & lime	3317	3474
Shale & lime	3474	4344
Shale	4344	4430
Shale & lime	4430	4485
Sand	4485	4513
Shale & lime	4513	4614
RTD		4614

DST #1 2548-2614 30-45-30-45. Strong blow thruout. Rec. 740' of water. IFP & FFP 152-233# 304-365#. IBHP & FBHP 1085-1085#.	Marmaton	4113 (-2603)
DST #2 3269-3317 30-45-45-45. Rec. 315' of gas cut salt water. IFP & FFP 21-121# 162-193#. IBHP & FBHP 1327-1267#.	Mississippi	4160 (-2650)
DST #3 4097-4156 30-30-30-30. Weak blow, died in 30". Rec. 5' very slightly oil specked mud. IFP & FFP 50-50# 50-50#. IBHP & FBHP 60-50#.	Kinderhook	4302 (-2792)
DST #4 4154-4186 30-45-30-45. Fair blow on 1st open & fair to decreasing & dead in 27" on 2nd open. Rec. 65' of slightly oil cut mud. IFP & FFP 71-71# 81-71# IBHP & FBHP 416-315#.	Viola	4398 (-2888)
DST #5 4396-4414 30-45-60-45. 3475' gip & rec. 5' of gas & oil cut mud. IFP & FFP 50-50# 40-40#. IBHP & FBHP 1620-1550#.	Simpson Shale	4484 (-2974)
DST #6 4481-4499 30-45-90-45. 855' gip & rec. 5' of oil. 40' of oil cut mud & 120' water. IFP & FFP 60-71# 101-121# IBHP & FBHP 1741-1741#.	LTD	4618 (-3108)

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#	472'	common	290 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	
size	set at	packer at			

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION open hole perforation other (specify) _____

Disposition of gas: vented sold used on lease

Dually Completed. Commingled

PRODUCTION INTERVAL