

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  
8-23-84 9-1-84 9-1-84  
Spud Date Date Reached TD Completion Date

4675' Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 262' 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. 15-007-21,902-0000  
County Barber  
S/2 S/2 N/2 Sec. 1 Twp. 31S. Rge. 14  East  West

2970 Ft North from Southeast Corner of Section  
2640 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

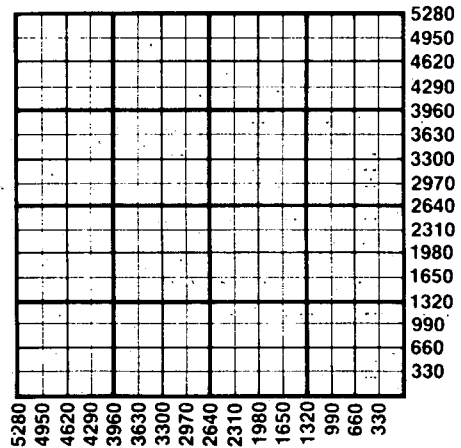
Lease Name Kay Well# 1  
KL-KCL

Field Name

Producing Formation

Elevation: Ground 1720' KB 1731'

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Hauled - Farmer

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of (Well) 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) Bill Mills, Medicine Lodge, Ks. (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

RECEIVED

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.

STATE CORPORATION COMMISSION  
SEP 24 1984  
9-24-84  
CONSERVATION DIVISION

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 9-20-84

Subscribed and sworn to before me this 20th 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 this form supercedes  
My Appt. Exp. 5-15-89  
ACO-1 & C-10

Sec. 1 Twp. 31S. Rge. 14W

Operator Name Graves Drilling Co., Inc Lease Name Kay Well# 1 SEC 1 TWP 31S RGE 14  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

Name	Top	Bottom
Red bed	0	985
Red bed & shale	985	1727
Shale	1727	1958
Shale & lime	1958	4587
Sand	4587	4640
Lime	4640	4675
RTD		4675
Indian Cave	2766	(-1035)
Tarkio	2950	(-1219)
Heebner	3660	(-1929)
Lower Douglas Sand	3810	(-2079)
Lansing	3834	(-2103)
Stark	4132	(-2401)
Mississippi	4338	(-2607)
Kinderhook	4366	(-2635)
Viola	4420	(-2689)
Simpson Shale	4547	(-2816)
Arbuckle	4632	(-2901)
LTD72	4676	(-2945)

DST #1 3805-3813 30-45-45-45. Recovered 680' GIP, 10' muddy oil & 840' of gas cut salt water. IFP & FFP 77-181# 272-376#. IBHP & FBHP 1398-1372#.

DST #2 4365-4435 30-45-45-45. Strong decreasing blow. Recovered 140' of mud. IFP & FFP 103-103# 129-129#. IBHP & FBHP 467-428#.

DST #3 4539-4587 30-30-30-30. Weak blow died in 15". Recovered 10' of mud. IFP & FFP 51-51# 64-64#. IBHP & FBHP 77-64#.

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#	262'	common	190 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 size set at packer at				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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  open hole  perforation  sold  other (specify)  used on lease  Dually Completed.  Commingled

METHOD OF COMPLETION PRODUCTION INTERVAL