

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
6-11-84 6-19-84 6-19-84
Spud Date Date Reached TD Completion Date
4432'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 265 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 - 077-20,996 - 0000
County Harper
C S/22 NE Sec 15 Twp 32S Rge 9 East West

3300 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

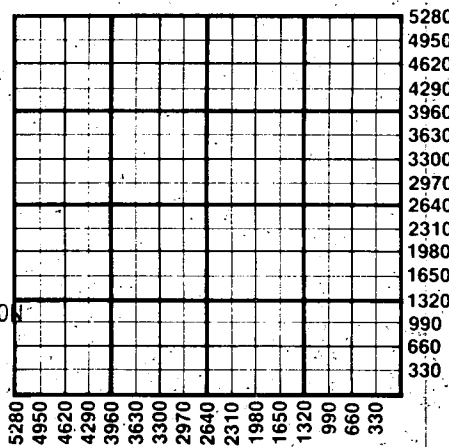
Lease Name Biberstein Well# 1

Field Name

Producing Formation

Elevation: Ground 1466' KB 1477'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JUN 29 1984
6-29-84
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T-84-326
 Groundwater 3700 Ft North From Southeast Corner and (Well) 1320 Ft. West From Southeast Corner of Sec Twp Rge East West
 Surface Water 3700 Ft North From Southeast Corner and (Stream, Pond etc.) 1320 Ft West From Southeast Corner Sec 15 Twp 32S Rge 9 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.

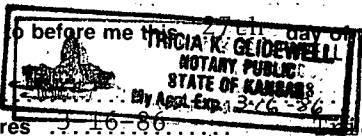
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

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 6-27-84

Subscribed and sworn to before me this 27th day of June 19 84
Notary Public Thacia K. Glidewell
Date Commission Expires 3-16-86



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)

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

Sec 15 Twp 32S Rge 9W

SIDE TWO.

Operator Name Graves Drilling Co., Inc Lease Name Biberstein Well# 1 SEC 15 TWP. 32S RGE. 9 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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Formation Description	Name	Top	Bottom
	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No				
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				
Sand & red bed		0		Indian Cave Zone	2424	(- 947)
Red bed		265		Indian Cave Sand	2449	(- 972)
Red bed & shale		293		Wabuaunsee	2466	(- 989)
Shale		1177		Tarkio	2650	(±1173)
Shale & lime		1577		Howard	2842	(-1365)
Shale, lime & sand		3500		Topeka	3070	(-1593)
Shale & lime		3722		Heebner	3381	(-1904)
Rotary Total Depth		4432		Douglas Sand	3508	(-2031)
				Iatan	3659	(-2182)
				Stalnaker Sand	3679	(-2202)
				Lansing	3751	(-2274)
				Kansas City	3909	(-2432)
				Stark	4069	(-2592)
				Cherokee	4302	(-2825)
				LTD	4432	(-2955)

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#	265'	common	225 sx.	2% Cel., 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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

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

METHOD OF COMPLETION: open hole perforation other (specify)

PRODUCTION INTERVAL