

**KANSAS DRILLERS LOG**

*Deep*

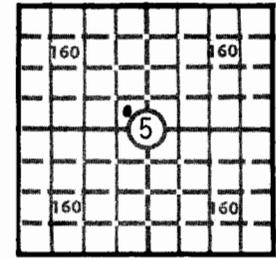
API No. 15 — 005 — 21168  
 County Number

S. 5 T. 10 R. 25W E  
 W

Loc. SE SE NW

County Graham

640 Acres



Elev.: Gr. 2589

DF \_\_\_\_\_ KB 2594

Operator  
 Beren Corporation

Address  
 970 Fourth Financial Center, Wichita, Kansas 67202

Well No. 1 Lease Name WOLFENDON

Footage Location  
 feet from (N) (S) line \_\_\_\_\_ feet from (E) (W) line \_\_\_\_\_

Principal Contractor Pioneer Drilling Co., Inc. Geologist Pat Balthazor

Spud Date January 5, 1980 Total Depth 4345' P.B.T.D. \_\_\_\_\_

Date Completed January 16, 1980 Oil Purchaser \_\_\_\_\_

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
Surface		8-5/8"		307'	60-40 poz	225	2% gel, 3% CC
Production		4-1/2"		4345'	60-40 poz	250	

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

**INITIAL PRODUCTION**

Date of first production \_\_\_\_\_ Producing method (flowing, pumping, gas lift, etc.) \_\_\_\_\_

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold) \_\_\_\_\_ Producing interval(s) \_\_\_\_\_

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Beren Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name WOLFENDON	Oil
S 5 T10 R 25W <sup>E</sup> <sub>W</sub>		

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand	0	316		
Cement and shale	316	620		
Sand and shale	620	2042		
Red bed shale	2042	2200		
Sand and shale	2200	2218		
Anhydrite	2218	2253		
Sand and shale	2253	2292		
Shale and sand	2292	2744		
Shale	2744	2750		
Shale and lime	2750	3025		
Lime and shale	3025	3515		
Shale and lime	3515	3608		
Lime and shale	3608	3654		
Shale and lime	3654	3831		
Lime and shale	3831	3845		
Lime	3845	3899		
Lime and shale	3899	4050		
Lime	4050	4110		
Lime and shale	4110	4177		
Shale and lime	4177	4277		
Lime and chert	4277	4331		
Lime and shale	4331	4345		
RTD	4345			

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<p align="center"><i>Don Beauchamp</i> Signature</p> <p align="center">Don Beauchamp - Geologist Title</p> <p align="center">April 30, 1980 Date</p>
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State Geological Survey  
WICHITA, KANSAS

15-065-21168

5-10-25W



WELL LOG

OPERATOR: Beren Corporation

WELL NAME: Wolfendon #1 LOCATION: SE SE NW 5-10S-25W

COUNTY: Graham STATE: Kansas

WELL COMMENCED: January 5, 1980 WELL COMPLETED: January 16, 1980

ELEVATION: 2594' K.B. TOTAL DEPTH: 4345'

PRODUCTION: Oil RIG NO: #2

CASING - 8-5/8": 307.43' of 28# cemented with 225 sxs 60-40 poz 2% gel 3% cc

4 1/2" ~~XXXXX~~ 4344' of 10.5# cemented with bbls Desco-Flush, 250 sxs 60-40 poz 10% salt 10% gilsonit each sx 3/4 of 1% CFR<sup>2</sup>

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING: Stage 2, 375 sxs H.L.C. & 50 sxs common

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	316'	sand	316' - 3/4 degree	
316'	620'	cement and shale		
620'	1553'	sand and shale		
1553'	2042'	shale and sand		
2042'	2200'	Red Bed shale	2080' - 2 degrees	
2200'	2218'	sand and shale		
2218'	2253'	Anhydrite		
2253'	2292'	sand and shale		
2292'	2744'	shale and sand	2744' - 3/4 degree	
2744'	2750'	shale		
2750'	3025'	shale and lime		
3025'	3248'	lime and shale		
3248'	3390'	lime and shale		
3390'	3515'	lime and shale		
3515'	3608'	shale and lime		
3608'	3654'	lime and shale	3654' - 1/2 degree	
3654'	3724'	shale and lime		
3724'	3831'	shale and lime		
3831'	3845'	lime and shale	3845' - 1/2 degree	
3845'	3899'	lime		
3899'	3964'	lime and shale		
3964'	4024'	lime and shale		
4024'	4050'	lime and shale		
4050'	4070'	lime		
4070'	4110'	lime		
4110'	4177'	lime and shale		
4177'	4277'	shale and lime	4345' - 1 1/2 degrees	
4277'	4331'	lime and chert		
4331'	4345'	lime and shale	4345' RTD	

FEB - 1980