

KANSAS DRILLERS LOG

MAR 17 1977

API No. 15 — 167 — 20,938
 County Number

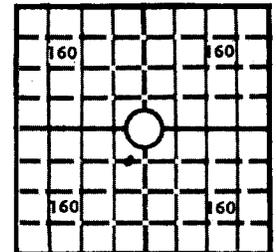
S. 31 T. 13 R. 15 ^RW
 Loc. 100 ^{80'} N/C E2 NE SW

Operator
Kedco Management Corporation

County Russell
 640 Acres
 N

Address
816 Union Center Wichita, Kansas 67202

Well No. #1 Lease Name
Haselhorst "A"



Footage Location
2060 feet from (S) line 2310 feet from (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist Frank Brooks

Elev.: Gr. 1893'

Spud Date 9-23-76 Total Depth 3385 P.B.T.D.

Date Completed 10-2-76 Oil Purchaser --

DF --- KB 1898'

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	Sacks	Type and percent additives
Surface	12 $\frac{1}{2}$	(used) 8 5/8"	28#	225'	common	120	2% gel 3% Ca. Cl.

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

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	
	bbis.	MCF	bbis.	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
KEDCO MANAGEMENT CORPORATION

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Haselhorst "A"

Dry Hole

S 31 T 13S R 15 W 80' N/C E/2 NE SW

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
			<u>Sample Tops</u>	
Sand & Shale	0	630	Anhydrite	967' (+931')
Sand & Shale w/red clay	630	967	B/ Anhydrite	1007' (+891')
Anhydrite	962	1007	Indian Cv. Ls.	2449' (-551')
Sand & Shale	1007	1262	Indian Cv. Sd.	Not Dev.
Shale	1262	1355	Grandhaven	2486' (-588')
Sand & Shale	1355	1625	Tarkio Ls.	2561' (-663')
Shale & Sand	1625	1687	Elmont	2620' (-722')
Shale & Sand	1687	1760	Howard	2757' (-859')
Shale	1760	2412	Topeka	2811' (-913')
Lime & Shale	2412	2634	Queen Hill	2954' (-1056')
Shale & Lime	2634	2795	Heebner	3036' (-1138')
Lime & Shale	2798	2870	Lansing	3083' (-1185')
Shale & Lime	2870	2982	B/KC	3326' (-1428')
Lime & Shale	2982	3021		
Shale & Lime	3021	3034	<u>No Electric Logs Run.</u>	
Lime & Shale	3034	3123		
Shale & Lime	3123	3185		
Lime & Shale	3185	3336		
Lime	3336	3385		
Rotary Total Depth		3385		
<p>DST#1 2797'-2857' Op 30, SI 30, Op 30, SI 30 Weak blow for 20 min. Rec. 150' very muddy salt water with a few oil specks Temp 95° IFP 139-147# ISIP 1162# FFP 147-156# FSIP 1056#</p> <p>DST #2 2987'-3021' Op 60, SI 60, Op 60, SI 60 Rec. 210' muddy salt water w/few oil specks IFP 33-82# ISIP 1227# Temp 100° FFP 90-131# FSIP 1211#</p> <p>DST #3 3087'-3123' Op 30, SI 30, Op 30, SI 30 No blow. Flushed tool once. Rec. 90' sl. oil specked mud IFP 65-82# ISIP 884# FFP 82-90# FSIP 868#</p> <p>DST #4 3126'-3185' Op 60, SI 60, Op 60, SI 60 Good blow, Rec. 725' muddy salt water Temp 100° IFP 65-240# FFP 254-377# ISIP 933# FSIP 917#</p>				

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

Date Received

Wayne L. Brinegar
Signature

Wayne L. Brinegar, Vice President
Title

Date

OPERATOR: KEDCO Management Corporation
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: HASELHORST "A" #1
 LOCATION: NE NE-SW, Section 31-13S-15W
 Russell County, Kansas
 START DATE: September 23, 1976
 COMPLETION DATE: October 1, 1976

0	630	Sand & Shale
630	967	Sand & Shale with red clay
962	1007	Anhydrite
1007	1262	Sand & Shale
1262	1355	Shale
1355	1625	Sand & Shale
1625	1687	Shale & Sand
1687	1760	Shale & Sand
1760	2412	Shale
2412	2634	Lime & Shale
2634	2795	Shale & Lime
2798	2870	Lime & Shale
2870	2982	Shale & Lime
2982	3021	Lime & Shale
3021	3034	Shale & Lime
3034	3123	Lime & Shale
3123	3185	Shale & Lime
3185	3336	Lime & Shale
3336	3385	Lime
	3385	Rotary Total Depth

Drilled 225' of 12 1/4" hole, ran 6 jts. of 8 5/8" surface casing (tally 230'). Set at 225'. Cemented with 120 sx. of common cement, 2% gel, 3% Ca. Cl. Halliburton cementing, cement did circulate. Plug was down at 9:30 p.m. 9-23-76. Drilling under surface.

T.D. 3336', Set 1st plug at 550' with 40 sx., 2nd plug at 225' with 20 sx., 3rd plug at 40' with 10 sx., 2 sx. in rathole. Plug was down at 9:45 p.m. 10-01-76. State Plugger - Dwayne Macken.

SAMPLE TOPS:

Anhydrite 967'
 B/Anhydrite 1007'