

KANSAS DRILLERS LOG

S. 21 T. 13 R. 20 ^X/_W
 Loc. 70' N/N2 SW SW
 County Ellis

API No. 15 — 051 — 21,205
County Number

Operator
Kedco Management Corp.

Address
816 Union Center Wichita, Kansas 67202

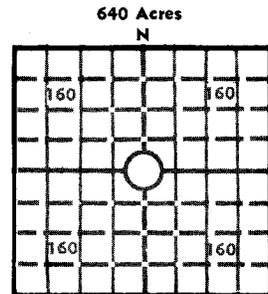
Well No. #1 Lease Name Schumacher Estate

Footage Location
1060 feet from (S) line 660 feet from (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist Frank Brooks

Spud Date September 10, 1976 Total Depth 3853½ P.B.T.D.

Date Completed October 7, 1976 Oil Purchaser The Permian Corporation



Locate well correctly
 Elev.: Gr. 2224'
 DF _____ KB 2229'

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	12¼"	(used) 8 5/8	28#	222'	Common	200	2% gel 3% Ca Cl
Production	7 7/8"	5½	15.5#	3845½'	Pozmix	150	salt saturated 12# gils/sx
					Halco Lite	350 @ 1580'	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
3835½'	3853½'	None-slotted			

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	3847'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. of 15% N-E acid	Arbuckle 3851' - 3853½'

INITIAL PRODUCTION

Date of first production <u>October 20, 1976</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>50</u> bbls. Gas <u>None</u> MCF Water <u>trace</u> bbls. Gas-oil ratio <u>-0-</u> CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>3851' - 3853½'</u>

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 Schumacher Estate Oil

S 21 T 13 S R 20 W

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 & Clay	0	150	Anhydrite	1556
Sand & Shale	150	222	B/Anhydrite	1601
Sand	222	648	Topeka	3237
Sand & Shale	648	1557	Queen Hill	3407
Anhydrite	1557	1604	Heebner	3482
Sand & Shale	1604	1841	Toronto	3501
Shale	1841	2160	L/KC	3520
Shale & Lime	2160	3054	B/KC	3764
Lime & Shale	3054	3163	Marmaton	3808
Shale & Lime	3163	3542	Arbuckle	3846
Lime & Shale	3542	3793	LTD	3853
Shale & Lime RTD	3793	3851 3851		
DST #1 3273-3314 30-30-30-30 Weak blow 7 min & died; Rec. 30' mud w/few oil specks Temp 100° IFP 33-33 ISIP 1043 FFP 33-33 FSIP 962				
DST #2 3438-3480 60-60-60-60 Rec. 130' muddy water IFP 16-65 ISIP 845 Temp 110° FFP 65-98 FSIP 845				
DST #3 3598-3632 60-60-30-60 Rec. 65' muddy water IFP 33-50 ISIP 893 Temp 110° FFP 50-67 FSIP 893				
DST #4 3720-3730 60-30-60-60 Rec. 134' muddy water IFP 17-33 ISIP 925 Temp 120° FFP 50-67 FSIP 932				
DST #5 3740-3761 60-60-60-60 1210' gas in pipe; 450' clean oil (30°) 210' muddy oil; 40' oil cut muddy filtrate wtr IFP 17-166 ISIP 1007 Temp 115° FFP 183-266 FSIP 958				
DST #6 3846-3851 60-60-60-60 360' GIP 340' clean oil (40°) 80' muddy oil IFP 17-83 ISIP 1138 FFP 83-150 FSIP 1138				

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

Date Received

Wayne L. Brinegar
Signature

Vice President
Title

January 6, 1977
Date