

**KANSAS DRILLERS LOG**

**IMPORTANT**  
 Kans. Geo. Survey request  
 samples on this well.

S. 19 T. 5S R. 17W E  
 Loc. NE SW NW NE  
 County Phillips

API No. 15 — 147 — 20248 - 00-00  
 County Number

Operator  
K & E Petroleum Inc. & Halliburton Oil

Address  
816 Union Center Wichita, Ks. 67202

Well No. # 1 Lease Name Fulghum "A"

Footage Location  
940 feet from (N)  $\frac{1}{8}$  line 380 feet from  $\frac{1}{8}$  (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist Greg Cheney

Spud Date October 19, 1978 Total Depth 3532' P.B.T.D. 3119'

Date Completed October 28, 1978 Oil Purchaser Unknown

640 Acres  
N

160		6	160
		19	
160			160

Locate well correctly  
Elev.: Gr. 1948'  
DF \_\_\_\_\_ KB 1956'

**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	12-1/4"	8-5/8"	28#	235.86'	60/40 Pos.	190	2% gel, 3% ca.cl.
Production		4-1/2"	9 1/2#	3337'	50/50 Pos.	150	3/4% CFR-2; 18% salt, plus 2# gils. in first 25 SX.

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
<b>TUBING RECORD</b>			4		3116-3119
Size	Setting depth	Packer set at	4		3134-3137

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

Amount and kind of material used	Depth interval treated
1000 Gal. 15% N-E Acid	3116-3119 & 3134-3137

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 STATE CORPORATION COMMISSION  
**JUN 22 1981**  
 CONSERVATION DIVISION  
 Wichita, Kansas  
*6-22-81*

**INITIAL PRODUCTION**

Date of first production <u>January 6, 1979</u>		Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>			
RATE OF PRODUCTION PER 24 HOURS	Oil <u>20</u> bbls.	Gas <u>None</u>	Water <u>20</u> bbls.	Gas-oil ratio <u>-0-</u>	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s) <u>Toronto (3116-3119) Lansing(3134-3137)</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.

*Rec. 1-30-79 from K & E.*

Operator

K &amp; E Petroleum, Inc.

15-147-20248-00-00

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

Well No. #1	Lease Name FULGHUM "A"	Oil
S 19 T 5S R 17 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
Clay, Rock & Shale	0	240.	ELECTRIC LOG TOPS:	
Shale & Sand	240.	1408.		
Anhydrite	1408.	1434.	Topoka	2888'
Shale	1434.	2059	Heebner	3088'
Lime & Shale	2059	2568	Toronto	3114'
Shale	2568	2745	Lansing	3132'
Lime & Shale	2745	2900	Stark Shale	3320'
Lime	2900	2955	B/Kansas City	3364'
Shale & Lime	2955	3055	Wea/Arbuckle	3490'
Lime & Chert	3055	3145	Arbuckle	3506'
Shale & Lime	3145	3180	E.L.T.D.	3532'
Lime	3180	3220		
Shale & Lime	3220	3221		
Lime	3221	3286		
Shale & Lime	3286	3300		
Lime	3300	3320		
Shale	3320	3371		
Lime	3371	3530		
Rotary Total Depth		3530		
DST #1 ( 3094-3145) 30/45/60/60 Recovered 680' clean oil (33%), 30' MCO, 62' VHOcm. FP's 70#-162#/226#-334#; SIP's 1099#/1046#.				
DST #2 (3155-3180) 30/45/30/45 Rec. 10' oil specked mud. FP's 10#-10#, 10#-10#; SIP's 313#-323#.				
DST #3 ( 3195-3220) 30/30/30/30 Rec. 15' muddy water. FP's 21#-21#/ 43#-43#; SIP's 877#-813#.				
DST #4 (3222-3245) 30/45/45/45 Rec. 60' SOCM. FP's 21#-21#/53#-53#; SIP's 1204#/1162#.				

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

Date Received

*Wayne L. Brinegar*  
Wayne L. Brinegar Signature

Vice President

Title

*January 29, 1979*  
Date

Date

15-147-20248-00-00

Attachment to Kansas Drillers Log  
#1 Fulghum "A" - Section 19-5S-17W, Phillips County, Kansas

DST #5 (3278-3300) 30/45/60/45  
Rec. 340' muddy water. FP's 43#-52#/107#-161#;  
SIP's 887#/845#.

DST #6 (3298-3320) 30/45/60/45  
Recovered 95' muddy water. FP's 43#-43#/  
64#-75#; SIP's 940#/898#.

Ran 85 jts. of 4½", 9½# production casing.  
Set @ 3337'; cemented with 150 sx. 50/50 Posmix,  
¾ of 1% CFR-2, 18% salt, 2# of gilsonite  
per sack followed with 125 sx. of 50/50 Posmix.  
Plug down @ 7:50 p.m., October 28, 1978.

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6-22-81