KANSAS DRILLERS LOG

API No. 15 — 147 — 20248 — 00 00
Operator
K & E Petroleum Inc. & Halliburton Oil
Address
816 Union Center Wichita, Ks. 67202
Well No. Lease Name
#1 Fulghum "A"
Footage Location
940 feet from (N) ½ line 380 feet from ½ (W) line
Principal Contractor
Abercrombie Drilling, Inc.
Geologist
Greg Cheney
Spud Date
October 19, 1978
Total Depth
3532' P.B.T.D.
3119' Oil Purchaser
Date Completed
October 28, 1978
Unknown

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 12-1/4" 8-5/8" 28# 235.86' 60/40 Pos. 190 2% gel, 3%
ca.cl.
Production 4-1/2" 9½# 3337' 50/50 Pos. 150 3/4% CFR-2; 18% salt; plus 2%
gils. in first 25
dx.

LINER RECORD

Top, ft. Bottom, ft. Socks cement

PERFORATION RECORD

Shots per ft. Size & type Depth interval

TUBING RECORD

Size Setting depth Packer set at

3116-3119

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 & 3334-3137

INITIAL PRODUCTION

Date of first production Producing method (flowing, pumping, gas lift, etc.)
January 6, 1979 Pumping

Rate of production PER 24 HOURS Oil Gas Water Gas-oil ratio
20 None 20 -0-

Disposition of gas (vented, used on lease or sold)

Producing interval(s)

Toronto (3116-3119) Lansing(3134-3137)

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. Median (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.

Receivd. 1-30-79 from K & E

6-22-81
Well No.: #1
Lease Name: FULGHUM "A"

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.

<table>
<thead>
<tr>
<th>FORMATION DESCRIPTION, CONTENTS, ETC.</th>
<th>TOP</th>
<th>BOTTOM</th>
<th>NAME</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay, Rock &amp; Shale</td>
<td>0</td>
<td>240</td>
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<tr>
<td>Shale &amp; Sand</td>
<td>240</td>
<td>1408</td>
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<tr>
<td>Anhydrite</td>
<td>1408</td>
<td>1434</td>
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<tr>
<td>Shale</td>
<td>1434</td>
<td>2059</td>
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<tr>
<td>Lime &amp; Shale</td>
<td>2059</td>
<td>2568</td>
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<td></td>
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<tr>
<td>Shale</td>
<td>2568</td>
<td>2745</td>
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<td></td>
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<tr>
<td>Lime &amp; Shale</td>
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<td>2900</td>
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</tr>
<tr>
<td>Lime</td>
<td>2900</td>
<td>2955</td>
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</tr>
<tr>
<td>Shale &amp; Lime</td>
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<td>3055</td>
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<td></td>
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<tr>
<td>Lime &amp; Chert</td>
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<tr>
<td>Shale &amp; Lime</td>
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<tr>
<td>Shale &amp; Lime</td>
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<td>Lime</td>
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<td>Shale &amp; Lime</td>
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<tr>
<td>Lime</td>
<td>3300</td>
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<tr>
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<tr>
<td>Lime</td>
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<td>Rotary Total Depth</td>
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<tr>
<td>DST #1 (3094-3145) 30/45/60/60</td>
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<tr>
<td>Recovered 680' clean oil (330'), 30' MCO, 62' VHOCE. FP's 70-162#/226#/334#; SIP's 1099#/1046#.</td>
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<td>DST #2 (3155-3180) 30/45/30/45</td>
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<tr>
<td>Rec. 10' oil specked mud. FP's 10/-10#, 10/-10#; SIP's 313/-323#.</td>
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<td>DST #3 (3195-3220) 30/30/30/30</td>
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<tr>
<td>Rec. 15' muddy water. FP's 21/-21#/43/-43#; SIP's 877/-813#.</td>
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<td>DST #4 (3222-3245) 30/45/45/45</td>
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<tr>
<td>Rec. 60' SOCM. FP's 21/-21#/53/-53#; SIP's 1204#/1162#.</td>
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</table>

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

Date Received: [Date]
Wayne L. Brinegar
Vice President

State Corporation Commission
Conservation Division
Wichita, Kansas

RECEIVED
JUN 22 1981
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 41/4", 9 1/2# production casing.  
Set @ 3337'; cemented with 150 sx. 50/50 Posmix,  
3/4 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.