

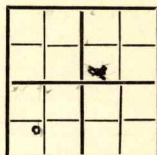
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State K.S. Field N.W. Pleasant
 Company M. K. AB & LINDSAY County HASSELL
 Farm KUHN - DEVLIN No. 1-19
 Sec. 19 Twp. 26 Range 34

Spot NE SW SW

Contractor CO. TOOLS

Remarks 5200'



Comm. 9-16-57 Comp. 12-31-57

Elev. DF 3001 GL 2996 KB TD 5172 PB

Pay ST. LOUIS 5107-18

ALLOWABLE 43 BOPD
 I.P. SWAB 360 BQ in 24 hr Press. GARAY 33°

Casing Record: 13 3/8 7"

20" 10 3/4 5 1/2" 5164/375

16" 8 5/8 834/450

LOC.	Sample	Log
<u>AUG 28</u> ✓	<u>MISS. 4998</u>	<u>TOP 3436</u>
<u>SEP 4</u> ✓		<u>Heeb 3856</u>
<u>SEP 11</u> ✓	<u>TOP 3436</u>	<u>TOR 3874</u>
<u>SEP 18</u> <u>Spudding</u>	<u>Heeb 3859</u>	<u>LAWS 3903</u>
<u>SEP 25</u> <u>8 5/8</u> <u>WOC</u>	<u>LAWS 3904</u>	<u>B/K-C 4456</u>
<u>OCT 2</u> <u>φ 2600</u>	<u>ATOKA 4840</u>	<u>MARY 4474</u>
<u>OCT 9</u> <u>φ 3000</u>	<u>MOR 4903</u>	<u>CHER 4606</u>
<u>OCT 16</u> <u>φ 4970-5020</u>	<u>" sd 4988-9</u>	<u>ATOKA 4838</u>
<u>rec 50' - 10 sh 12' sd</u>	<u>ST. GEN 4998</u>	<u>MOR 4902</u>
<u>28' ls (Top 5' saturated)</u>		<u>ST. GEN 4997</u>
<u>φ at 5050</u>		<u>ST. LO. 5061</u>
<u>OCT 23</u> <u>Back dope</u>		
<u>DST 4258-86 op 1 hr.</u>		
<u>rec. 225' MSW FP 80</u>		
<u>BHP 1160/30"</u>		
<u>φ 5022-67 rec. 45' 13' ls, 26' sh, 6' ls</u>		
<u>ls & sh N.S. φ 5067-5105 rec 38' ls</u>		
<u>(5069-70 oil sho) φ 5105-5140 rec 35'</u>		
<u>ils RTD 5172 ran log 5 1/2 WOC</u>		
<u>OCT 30</u> ✓		
<u>NOV 6</u> <u>MICT CO 5130 pt 44/5107-18</u>		
<u>NA/500 swab 14 BOPH dry swab</u>		
<u>360 BQ in 24 hr. POP</u>		

4802
2000
1900

4' ls, 3' ls to oil
11' ls to oil
12' ls to oil

ils, 15' ls to sat, 30' ls oil.
5' ls to oil

NOV 13 ~~GO Pump~~

NOV 20 ✓

NOV 27 ~~POP WOT~~

DEC 4 ✓

DEC 11 ✓

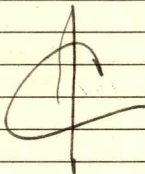
DEC 18 ✓

JAN 1 ✓

allowable 43 BOPD

ST. LO 5107-18

GRAV. 33°



LIBERAL TOPS

3007 KB

Winfield 2580 (+427)

Heebner 3858 (-851)

Toronto 3876 (-869)

Lansing 3902 (-895)

Marmaton 4478 (-1471)

Morrow 4902 (-1895) T 95' Tss 9'

"S-3" 4988 (-1981) 9/9, e top 5' sat.

St. Gen 4997 (-1990)

St. Louis "A" 5060 (-2053) 14' brkn por, NS

"B" 5112 (-2105) 9' por, 360 BO/24 hrs C

"C" 5148 (-2141) 3' por

TD 5172