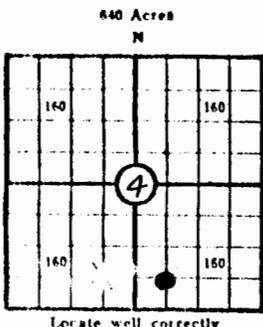


KANSAS CORPORATION COMMISSION

WELL RECORD

4-1-26W

(Mail to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209)



Lease Name: Sumner "C" Well No. 1  
 Well Located: Approx. C SW SE  
SEC 4 TWP 1S RGE 26W  
 Operator: A. L. Abercrombie, Inc.  
 Address: 801 Union Center, Wichita, Ks.  
 Elevation: Ground 2498' D.F. 2504' K.B. 2506'  
 Type Well: (Oil, gas, dry hole) 011

Drilling Commenced: 12-6 1971 Drilling Completed: 12-14 1971  
 Well Completed: 1-7 1972 Total Depth 3596'  
 Initial Production: 28 BOPD, 60% water. Gravity 34.5°

Casing Record

Size: 8-5/8" Set at 214' Size: \_\_\_\_\_ Set at \_\_\_\_\_  
 Size: 5-1/2" Set at 3596' Size: \_\_\_\_\_ Set at \_\_\_\_\_

Liner Record

Size: \_\_\_\_\_ Set from \_\_\_\_\_ To \_\_\_\_\_

Cementing

Casing Size	Sacks	Type Cement and Additives
<u>8-5/8"</u>	<u>485</u>	<u>Common 2% ca. cl.</u>
<u>5-1/2"</u>	<u>50</u>	<u>50/50 posmix. 2% gel. 12# gilsonite per sack</u>
_____	<u>100</u>	<u>Common. 10% salt. 2% gel. 1% ca. cl. &amp; 3# fr. red.</u>

Perforations

Formation	Perforated Interval and Number Shots
<u>Lansing-K.C.</u>	<u>3326-3329 20 shots</u>
<u>" "</u>	<u>3280-3290 40 shots</u>
_____	_____
_____	_____



Electric Log Run (Show type log and depths covered)

Gamma Ray, Guard, Neutron, Caliper 1950-2020 3000-3596

Show Drill Stem Tests,  
Well Stimulation and  
Production Tests

4-1-26W  
P. 2

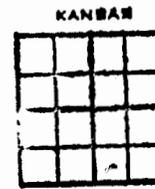
Formation	Top	Bottom	
Lansing-K.C.	3251'	3295'	15" - 30" - 30" - 45" Recovered 15' mud w/oil spots IFP 26-32#, IBHP 946# FFP 36-42#, FBHP 935#
Lansing-K.C.	3320'	3337'	30" - 30" - 30" - 45" Recovered 15' mud w/show free oil IFP 26-32#, IBHP 148# FFP 36-53#, FBHP 201#
Lansing-K.C.	3338'	3386'	10" - 30" - 30" - 30" Recovered 20' mud IFP 22-42#, IBHP 95# FFP 47-53#, FBHP 68#
Lansing-K.C.	3326'	3329'	20 Shots, A/3500 gal.- 3.4 BOPH
Lansing-K.C.	3280'	3290'	40 Shots, A/2500 gal.- 6.2 BFPH, 2% water



4-1-26W

KANSAS GEOLOGICAL SOCIETY  
 502 EAST 10TH  
 WICHITA, KANSAS  
 MAR 21 1972

CONTRACTOR'S WELL LOG



4-1-266  
 CSWSE

OPERATOR: Abercrombie Drilling, Inc.  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: SUMNER "C" #1  
 LOCATION: SW SE, Sec. 4-1S-26W  
 Decatur County, Kansas  
 GEOLOGIST: Jack K. Wharton  
 SPUD DATE: December 7, 1971  
 COMPLETION DATE: December 14, 1971

28 BOPD EL2500

LOG TOPS	DEPTH		
		0	80
ANHY	1968	80	127
B ANHY	2000	127	750
HEEB	3243	750	1015
TOR	3279	1015	1170
LANS	3284	1170	1310
BKC	3498	1310	1650
GR W	3590	1650	1750
LTD	3596	1750	1968
RTD	3597	1968	2001
		2001	2400
		2400	2665
		2665	3285
		3285	3337
		3337	3378
		3378	3420
		3420	3597
			3597
			Rotary Total Depth

Drilled 217' of 12½" sfs. hole. Set 8-5/8" csg. @214' K.B., cemented w/335 sx. cement, no returns. Cemented through tubing on outside of csg. w/150 sx. Cemented to surface w/csg. full of cement. Finished at 7:00 p.m. 12-7-71. Ran 107 joints of 15½ lb., 5½" csg. Set at 3596' w/50-50 posmix, 2% gel, 12 lbs. gilsonite per sack and 100 sx. common cement, 10% salt, 2% gel, 1% c.c. and 3 lbs. friction reducer. Plug was down at 3:00 p.m. 12-14-71.

<u>ELECTRIC LOG TOPS</u>		<u>ELEVATION</u>
Anhydrite	1968 (+ 538)	2506 K.B.
B/Anhydrite	2000 (+ 506)	2504 D.F.
Heebner	3242 (- 736)	2498 G.L.
Toronto	3279 (- 773)	
Lansing	3284 (- 778)	
B/K.C.	3498 (- 992)	
Granite Wash	3590 (-1084)	
ELTD	3596 (-1090)	

STATE OF KANSAS )  
 ) SS  
 COUNTY OF SEDGWICK )

Jerry A. Langrehr, President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the SUMNER "C" #1, SW SE Section 4-1S-26W, Decatur County, Kansas.