

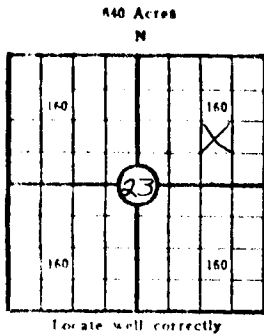
Have log

KANSAS CORPORATION COMMISSION

WELL RECORD

23-4-20W

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



Lease Name: Patton Well No. 1
 Well Located: C NW SE NE
Phillips SEC 23 TWP 4S RGE 20W
 Operator: A. L. Abercrombie, Inc.
 Address: 801 Union Center, Wichita, Ks. 67202
 Elevation: Ground 2089 D.F. 2095 K.B. 2097
 Type Well: (Oil, gas, dry hole) Dry Hole

Geologist- Jack K. Wharton

Drilling Commenced: November 22 1971 Drilling Completed: November 30 1971
 Well Completed: 19 Total Depth 3585'
 Initial Production: _____

Casing Record

Size: 8-5/8" Set at 207' Size: _____ Set at _____
 Size: 4-1/2" Set at 3585' Size: _____ Set at _____

Liner Record

Size: _____ Set from _____ To _____

Cementing

Casing Size	Sacks	Type Cement and Additives
<u>8-5/8"</u>	<u>140</u>	<u>Sunset common</u>
<u>4-1/2"</u>	<u>50</u>	<u>50/50 posmix, 2% gel, 12# gilsonite/sack</u>
	<u>150</u>	<u>Common w/10% salt, 1% Ca.Cl., 2% gel, 6# fr. red.</u>

Perforations

Formation Perforated Interval and Number Shots

<u>Lansing-K.C.</u>	<u>3311-3314 - 12 shots</u>
<u>" "</u>	<u>3298-3300 - 8 shots</u>
<u>" "</u>	<u>3293-3295 - 8 shots</u>

Electric Log Run (Show type log and depths covered)

Gamma Ray, Guard, Neutron, Caliper 1600-1700 & 3000-3585

Formation Top Bottom Show Drill Stem Tests,
Well Stimulation and
Production Tests

Lansing-K.C.	3277	3323	10" - 30" - 60" - 45" Recovered 180' oil cut mud IFP 53-53#, IBHP 987# FFP 74-106#, FBHP 967#. BHT 92°
Lansing-K.C.	3319	3345	10" - 30" - 60" - 45" Recovered 105' muddy water IFP 53-53#, IBHP 758# FFP 74-95#, FBHP 540#. BHT 94°
Lansing-K.C.	3311	3314 Squeezed	A/500 gal., swabbed 3.68 BFPH, 59% water
Lansing-K.C.	3311	3314	A/500 gal., swabbed 5.6 BFPH, 60% water
Lansing-K.C.	3298	3300	
	3293	3295	A/1000 gal., swabbed 12.5 BFPH, 95% water



LOG TOPS	DEPTH
ANHY	1637 (+ 460)
B ANHY	1664 (+ 443)
HEEB	3216 (-1119)
TOR	3244 (-1147)
LANS	3259 (-1162)
ARB	3538 (-1441)
RTD	3585
LTD	3586

0	70	Clay & Rock
70	675	Shale
675	860	Sand
860	1150	Shale
1150	1360	Sand
1360	1639	Red Shale
1639	1668	Anhydrite
1668	1960	Shale
1960	2260	Shale w/lime Streaks
2260	2670	Lime & Shale
2670	2860	Lime
2860	2988	Lime & Shale
2988	3585	Lime
	3585	Rotary T.D.

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Wichita, Kansas

Drilled 210' of 12½" surface hole. Set 8-5/8" surface csg. at 207' K.B. w/140 sx. Sunset cement. Cement circulated. Plug was down at 7:30 p.m. 11-22-71. Ran 4½" csg., set at 3585'. Cemented w/50 sx. 50/50 posmix w/2% gel, 12 lbs. gilsonite per sack and 150 sx. common cement w/10% salt, 1% c.c., 2% gel and 6 lbs. friction reducer. Job was completed at 12:30 p.m. 11-30-71.