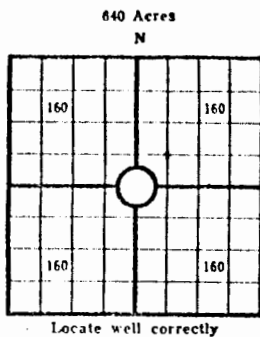


KANSAS CORPORATION COMMISSION

WELL RECORD

8-31-14W

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



Lease Name: #1 Skinner Well No. 1
 Well Located: NE SW NE
SEC 8 TWP 31S RGE 14W
 Operator: K & E Drilling, Inc.
 Address: 816 Union Center, Wichita, Kansas
 Elevation: Ground 1643 D.F. 1646 K.B. 1648
 Type Well: (Oil, gas, dry hole) Oil

13030

Drilling Commenced: 12/5 1971 Drilling Completed: 12/18 1971
 Well Completed: 1/17 1972 Total Depth 4470'
 Initial Production: 14 B.O.P.H.

Casing Record

Size: 13" Set at 100'
 Size: 8-5/8" Set at 785' Size: Set at
 Size: 5-1/2" Set at 4459-1/2 Size: Set at

Liner Record

Size: ----- Set from To

Cementing

Casing Size	Sacks	Type Cement and Additives	
13"	140 sx.	2% Gel, 3% CC	6 Jts. 100' of 13" cemented with 100 sacks.
8-5/8"	485 sx.	HA-5	22 Jts. 781' of 8-5/8" cemented with 485 sacks.
5-1/2"	100 sx.	SS POZ	138 Jts. 4482' of 5-1/2" cemented with 100 sacks.

Perforations

Formation Perforated Interval and Number Shots

Completed Open Hole

Electric Log Run (Show type log and depths covered)

Welex: Raidation/Guar, Density

8-31-14W

Show Drill Stem Tests,
Well Stimulation and
Production Tests

8-31-14w

Formation Top Bottom

Surface Soil	0	30	DST #1 3731-3768'. GTS 8". 181 MCF/60".
Sand	30	50	Rec. 325' MW. BHP 1452-1441#. IFP 45-83#.
Red Bed & Shale	50	948	FFP 95-166#.
Shale & Shells	948	1124	
Shale	1124	1447	DST #2 3809-3832'. GTS 7". 80 MCF/60".
Shale & Anhy.	1447	1546	Rec. 40' thin mud, 60' MW. BHP 1458-1453#.
Shale & Lime	1546	1845	IFP 18-23#. FFP 23-39#.
Lime & Shale	1845	2238	
Lime	2238	2890	DST #3 4383-4420'. Rec. 3930' GIP,
Lime & Shale	2890	3065	35' O & G C M, 60' O & G C wtry mud.
Lime	3065	3484	BHP 803-357#. IFP 30-38#. FFP 52-66#.
Lime & Shale	3484	3640	
Shale & Sand	3640	3770	DST #4 4458-4470'. GTS 20". Rec. 2250' clean
Lime	3770	4190	gassy oil 34°, 210' muddy oil. BHP 1510-1508#.
Shale & Lime	4190	4230	IFP 62-261#. FFP 300-617#.
Lime	4230	4400	
Chert & Lime	4400	4436	
Lime	4436	4458	
Sand	4458	4470	
DTN		4470	

LOG TOPS	DEPTH	
		0 - 30 Surface soil
HEEB	3585	30 - 50 Sand
U DOUG SD	3641	
LANS	3766	50 948 Red bed & shale
BKC	4189	
MISS	4251	948 - 1124 Shale & shells
MAQ	4323	
VIOLA	4357	1124 - 1447 Shale
SIMP SH	4461	
SIMP SD	4464	1447 - 1546 Shale & Anhydrite streaks
RTD	4470	
LTD	4473	1546 - 1845 Shale & lime
		1845 - 2238 Lime & shale
		2238 - 2890 Lime
		2890 - 3065 Lime & shale
		3065 - 3484 Lime
		3484 - 3640 Lime & shale
		3640 - 3770 Shale & sand
		3770 - 4190 Lime
		4190 - 4230 Shale & lime
		4230 - 4400 Lime
		4400 - 4436 Chert & lime
		4436 - 4458 Lime
		4458 - 4470 Sand

4470 Rotary Total Depth

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