

WELL LOG

HARRIS AND HAUN CORPORATION
BLACKWELL, OKLAHOMA

SCHMEIDLER #1

Southeast Corner of S/2 of SW/4 of Section 2-13S-17W, Ellis Co., Kansas
ELEVATION: 2029 ft. Commenced: April 16, 1936; Finished: June 13, 1936

mud	0	40	red rock	1600	1605
sand	40	50	salt	1605	1620
shale blue	50	90	shale	1620	1625
dark shale	90	225	lime	1625	1645
brown shale	225	235	shale	1645	1650
gyp	235	260	lime & shale	1650	1675
white mud	260	280	lime broken	1675	1910
dark blue	280	290	red rock	1910	1915
shale	290	360	lime	1915	1935
gyp - water @ 375'	360	385	slate	1935	1940
shale	385	400	lime	1940	1950
red rock	400	445	shale	1950	1955
broken shale	445	470	red rock	1955	1960
water sand HPW @ 470	470	533	lime	1960	1965
shale	533	555	red rock	1965	1975
sand-water 560-565	555	565	lime	1975	2010
light shale	565	575	red rock	2010	2015
gray shale	575	600	lime	2015	2060
brown shale	600	620	shale	2060	2070
blue mud	620	633	shale & shells	2070	2100
sandy lime	633	645	lime	2100	2125
shale blue	645	655	shale	2125	2145
sand - light	655	665	lime	2145	2160
shale blue	665	675	shale	2160	2190
sand	675	685	lime	2190	2215
shale	685	690	shale	2215	2220
blue mud	690	715	lime	2220	2223
sand	715	745	shale	2223	2230
slate	745	760	lime	2230	2255
lime - hard	760	765	red rock	2255	2265
sand	765	775	lime	2265	2295
shale	775	780	shale	2295	2300
lime	780	790	lime	2300	2305
sand light	790	825	red rock	2305	2310
slate	825	840	lime	2310	2325
lime	840	842	red rock	2325	2335
shale light	842	848	lime	2335	2345
sand	848	850	red rock	2345	2355
red rock	850	865	lime	2355	2400
shale blue	865	870	red rock	2400	2405
red rock	870	880	lime	2405	2410
sand	880	890	red rock	2410	2440
red rock	890	1200	lime	2455	2515
anhydride	1200	1245	red rock & shale	2515	2520
red rock	1245	1250	lime	2520	2570
lime	1250	1255	shale	2570	2575
red rock & shells	1255	1360	lime	2575	2600
shale blue	1360	1395	shale	2600	2605
lime	1395	1400	lime	2605	2610
broken shale	1400	1405	shale	2610	2620
blue shale	1405	1410	lime	2620	2625
red rock	1410	1495	shale	2625	2640
blue shale	1495	1510	lime	2640	2655
lime	1510	1515	shale - cave	2655	2710
red rock	1515	1520	red rock	2710	2715
shale blue	1520	1535	slate	2715	2720
lime broken	1535	1550	lime	2720	2725
shale sandy	1550	1560	shale	2725	2730
gyp & salt	1560	1600	red rock	2730	2735

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shale	2735	2795
lime	2795	2800
shale	2800	2810
sandy lime	2810	2827
shale	2827	2835
lime hard	2835	2850
shale	2850	2860
lime	2860	2900
shale	2900	2910
shale broken	2910	2925
shale	2925	2965
lime	2965	2970
shale	2970	2975
lime	2975	2980
shale	2980	2985
lime - hard	2985	3145
shale	3145	3150
lime	3150	3160
shale	3160	3165
lime	3165	3240
shale	3240	3250
lime (Show oil 3260-3265)	3250	3265
shale	3265	3278
lime	3278	3285
shale	3285	3294
lime broken	3294	3303
lime - hard	3303	3332
(Oil 3308 - Six bailers of water 3324-3332 Water Exhausted)		
lime (8 Bailers of oil 3338-3341)	3332	3354
shale (Show gas 3354)	3354	3358
lime	3358	3362
(Oil 3358-3362)		

Potential 676 bbl.
5,000 gal. acid.

CASING RECORD

SIZE	AMT.	SET
20"	54'	
15 1/2"	533'	
12 1/2"	1,200'	
10"	2,465'	
8"	2,825'	
6"	3,278'	UR 3303'

I, Theo. R. Graves, General Superintendent for Harris and Haun Corporation, do hereby certify that the foregoing well log is a true and correct copy of the well log of the Schmeidler #1 described as Southeast Corner of S/2 of SW/4 of Section 3-13S-17W., Ellis County, Kansas, as reflected by the records of Harris and Haun Corporation.

Theo R Graves

Subscribed and sworn to before me this 23rd day of June, 1936.

Hazel L. Rollins
Notary Public

My Commission Expires: 6/30/38



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