

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

719-720 Union National Bank Bldg., Wichita, Kansas

11-16-12W

CASING RECORD LOCATION Approx Center SEC 11 T 16 R 12W.

10" FARM Schauf NO. 1 COUNTY
 20" 357 8 1-4 COMPANY Orlando Petroleum Co.
 15 1-2 655 6 5-8 1885 CONTRACTOR
 12 1-2 1125 5 3-16 COMMENCED 4-20-24 COMPLETED

32999
 COPY

TOTAL DEPTH SHOT QUARTS BETWEEN
 CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

FIGURES INDICATE BOTTOM OF FORMATIONS ELEVATION INITIAL PRODUCTION
 REMARKS

Formation	Depth	Formation	Depth	Formation	Depth.
soil	6	lime	1623	shale	2905
shelly clay	32	shale	1630	lime	2910
shale blk	60	shale	1680	shale	2915
shale blk	145	lime	1720	lime	2955
shale white	155	red rock	1730	lime	3030
shale light	175	brown shale	1745	R.D.	3040
lime	180	blue shale	1780	shale blue	3085
red rock	210	lime	1793	lime	3165
lime	215	white lime	1805	shale blue	3175
sand	220	sdylime	1810	lime	3203
lime	225	lime	1820	Boil per hr	
sand	232	blue shale	1835	sand brown	3205
red rock	252	sdylime	1860	sdylime	3210
red rock	265	light shale	1875	lime	3223
sand	275	red rock	1885	shale	3225
red rock	320	white lime	1895	lime	3240
sand	330	blue shale	1925	slate	3245
shale blk	345	lime	1940	lime	3255
sand	355	blk shale	1950	shale	3258
shale light	365	lime	1955	lime	3300
salt sand	420	blue shale cave	1970	shale	3310
salt sand	455	red rock	1975	lime	3323
quartz	457	blue shale	1985	slate	3345
quartz	460	red rock	1997	11-4-24	
shale blue	468	lime	2020	lime	3365
quartz	469	red rock	2025	shale	3373
quartz	473	grey shle	2035	lime	3394
blue shale	480	red rock	2075	RD	3406
grey limestone	483	lime	2080	Corrected	23'
blue shale	487	shale	2165	red rock	3383 3382
blime shells	488	light shale	2170	sdylime	3389
blue shale	500	red rock	2200	slate	3391
lime	503	blue shale	2205	lime	3397
blue shale	505	red roc	2220	slate	3399
red rock	769	light shale	2230	lime	3414
hard lime	785	white lime	2240	sdylime	3476
limestone	815	green shale	2225	shale blue	3484
red rock	918 91	dark shale	2265	oil sand	3397
red rock	990	blue shale	2355	sdylime	3503
blue shale	1030	red rock	2370	lime	3519
red rock	1100	blue shale	2455	RD	
blue slate	1170	sand HFW	2490		
blue shale	1180	shale	2550		
blue shale	1210	lime	2555		
lime	1457	shale	2600		
salt	1500	shal blue	2640		
blue shale	1508	shale green	2665		
red rock	1585	shale blue	2710		
blue shale	1595	lime	2745		
lime	1598	shale	2755		
shale	1606	lime	2800		
lime	1618	shale blue	2805		
shale	1620	lime	2850		
red rock	1628	shale	2860		
		lime2	2900		

From W. B. Lock, Pres
 Empire State Oil Co
 Bank & Sanistown Bldg
 Plotted

Well #1, Schaaf Farm, Section 11-16-¹²~~12~~, Barton County, Kansas.

11-16-11
 Plotted: 1/22/25 L.R.
 11-16-11

Well No. 1
 Schaaf Farm, 12
 Section 11-16-~~12~~
 Barton County, Kansas

Elevation 1903

Fermentation	Top	Bottom	Remarks
Soil	0	6	
Yellow Clay	6	32	
Blue Shale	32	145	
White Shale	145	155	
Light Shale	155	175	
Lime	175	180	
Red Rock	180	210	
Lime	210	215	
Sand	215	220	
Lime	220	225	
Shale	225	232	
Red Rock	232	265	
Shale	265	275	
Red Rock	275	320	
Sand	320	330	14 B water
Blue Shale	330	345	
Sand	345	355	
Light Shale	355	365	
Salt Sand H F W	365	455	
Quartz	455	460	
Blue Shale	460	468	
Quartz	468	469	
Quartz &	469	473	
Blue Shale	473	478	
Blue Shale	478	480	
Lime	480	483	
Blue Shale	483	487	
Lime Shell	487	488	
Blue Shale	488	500	
Lime	500	503	
Blue Shale	503	505	
Red Rock	505	769	
Hard Lime	769	785	
Hard Lime	785	815	
Red Rock	815	990	
Blue Shale	990	1030	
Red Rock	1030	1100	
Blue Shale	1100	1210	
Salt	1210	1467	
Blue Shale	1467	1500	
Red Rock	1500	1508	

11-16-12W

Formation	Top	Bottom	Remarks
Blue shale	1508	1585	
Lime	1585	1590	
Blue Shale	1590	1595	
Lime	1595	1598	
Green shale	1598	1606	
Red Rock	1606	1618	
Lime	1618	1623	
Blue Shale	1623	1680	
Lime	1680	1720	
Red Rock	1720	1736	
Lime	1736	1740	
Shale	1740	1780	
Lime	1780	1793	
White Lime	1793	1805	
Light Shale	1805	1810	
Lime	1810	1820	
Blue Shale	1820	1835	
Light Shale	1835	1870	
Lime	1870	1875	3 Brl Water
Red Rock	1875	1885	
White Lime	1885	1895	
Blue Shale	1895	1925	
Sharp Lime	1925	1940	
Blue Shale	1940	1950	
Lime	1950	1955	
Blue Shale	1955	1970	
Red Rock	1970	1977	
Blue Shale	1977	1985	
Red Rock	1985	1997	
Lime	1997	2020	
Red Rock	2020	2025	
Gray Shale	2025	2035	
Red Rock	2035	2075	
Lime	2075	2080	
Shale	2080	2085	
Red Rock	2085	2120	
Lime	2120	2155	
Lime Shells	2155	2170	
Red Rock	2170	2185	
Red Rock	2185	2200	
Blue Shale	2200	2205	
Red Rock	2205	2220	
Light Shale	2220	2230	
White Lime	2230	2240	
Green Shale	2240	2255	
Dark Shale	2255	2265	
Blue Shale	2265	2355	

11-16-12W 1

-5-

Formation	Top	Bottom	Remarks
Red Rock	2355	2370	
Blue Shale	2370	2455	
Sand HW	2455	2490	
Blue Shale	2490	2550	
Lime	2550	2555	
Blue Shale	2555	2640	
Green Shale	2640	2665	
Blue Shale	2665	2710	
Lime	2710	2745	
Shale	2745	2755	
Lime	2755	2890	
Blue Shale	2800	2805	
Lime	2805	2850	
Shale	2850	2860	
Lime	2860	2900	
Shale	2900	2905	
Lime	2905	2910	
Shale	2910	2915	
Lime	2915	3030	
Red Rock	3030	3040	
Blue Shale	3040	3065	
Lime	3065	3165	
Blue Shale	3165	3175	
Lime	3175	3203	Showing

Orlando Petroleum Co.
 Jasper & Beschka, Owner
 Shaft #1(?)

11-16-12
 Rotted

Elev. 1920.
 " 1904

Soil			6
Clay	yellow		32
Shale	black		145
Shale	white		155
Lime			215
Sand		1/4 B.W.	220
Lime			225
Shale			232
Red rock			265
Shale			275
Red rock			320
Sand		14 B.W.	330
Shale	black		345
Sand		5 B.W.	355
Shale	light		365
Sand		H/F.W. 370	455
Quartz			460
Shale	blue		480
Lime	gray		483
Shale	blue		487
Lime shell			488
Shale	blue		500
Lime			503
Shale	blue		505
Red rock			769
Lime			815
Red rock			990
Shale	blue		1030
Red rock			1100
Shale	blue		1210
Salt			1467
Shale	black		1500
Red rock			1508
Shale	blue		1585
Lime			1590
Shale			1595
Lime			1598
Shale	green		1606
Lime			1623
Shale			1720
Red rock			1736
Lime			1740
Shale	blue		1780
Lime			1793
Lime	white		1805
Sandy lime			1810
Lime			1820
Shale	blue		1835
Sandy lime		3 B.W.	1860
Shale			1870
Lime			1875
Red rock		10 inch casing	1885
Lime	white		1895
Shale	blue		1925
Sharp lime			1940

11-16-12W

~~Redrock~~

Shale	black	1950
Lime		1955
Shale	blue	1970
Red rock		1975
Shale	blue	1985
Red rock		1997
Lime		2020
Red rock		2025
Shale	gray	2035
Red rock		2075
Lime		2080
Shale		2085
Red rock		2120
Lime		2155
Shale		2170
Red rock		2200
Shale	blue	2205
Red rock		2220
Shale	light	2230
Lime	white	2240
Shale	green	2255
Shale	dark	2265
Shale	blue	2355
Red rock		2370
Shale	blue	2455)
Sand HFW		2490)
Shale		2550)
Lime		2555)
Shale	blue	2640)
Shale	green	2665)
Shale	blue	2710)
Lime		2724
Lime		2829
Shale		2839
Lime		2879
Slate		2884
Lime		2989
Slate		2894
Lime		3009
Red rock		3019
Slate	blue	3064
Lime		3144
Slate		3154
Lime		3179
Oil sand		3182
Sandy shale		3187
Lime	white	3200
Slate		3202
Lime		3222
Lime		3227
Slate		3232
Lime		3234
Shale		3237
Lime		3279
Shale		3289
Sandy lime		3344
Slate		3352
Lime		3356

Dont know which of these two records is corrent - N. W. Bass

(Shale	blue	2370--	2434
(Water sand			2469
(Slate			2529
(Lime			2534
(Slate			2619
(Shale	green		2644
(Slate			2689

11-16-12 W

Slate		3361
Red rock		3373
Sandy lime		3389
Slate		3391
Lime		3397
Slate		3399
Lime		3414
Sandy lime		3476
Shale	black	3484
Oil sand		3497
Sandy lime		3505
Lime		3509
Still drilling		

Casing record

20"	357
15"	665
12"	1125
10	1885
8	2710
6 5/8	3182

Remarks

Oil sand 3179-82
14 feet brown sand, dry, 3484-97
good show live oil black 37 degrees gravity
Oil show 3373