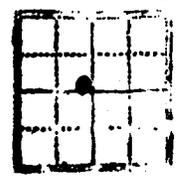


Location. SEc NW
 330' EL 330' SL NE **Plotted Texas CO.** Sec. 31 T. 19 R. 1W

Casing Record., DEEPENING RECORD. County, McPherson. JUL 14 1934

10" 1652 Farm. W. Lagree No. 2
 20" 99 8 1/2" 2262 Company. Kario -Shell.
 15 1/2" 560 65/8" 3095 Contr. Broadwater.
 12 1/2" 1420 53/16" 3380 Comm. 3-2-31 Comp. 5-25-31
 Total Depth. 3447 Shot Quarts Between.



Correspondence Regarding This Well Should Be Referred To.

Figures Indicate Bottom of Formations., Elevation.
 Date Issued. 7-14-34 Initial Production.
 Swab 1580 bbls 12 hours.

Formation	Depth	Formation	Depth	Formation	Depth.
clay	15	shale	1370	sand HFW 2120	2180
sand	69	red rock	1375	shale	2248
shale	110	shale	1405	shale	2250
red rock	115	lime	1415	lime	2260
shale	155	shale	1420	red rock	2262
red rock	160	lime	1430	lime	2267
shale	315	shale	1460	shale	2290
shells	355	lime LEW 1475	1480	shale	2305
shale	370	shale	1490	lime LEW 2410	2450
lime	400	lime	1500	shale	2465
shale	505	shale	1510	lime	2570
lime	530	lime	1540	shale	2600
shale	545	red rock	1545	shale	2615
red rock	559	lime	1555	lime	2630
lime	595	shale	1565	shale	2645
shale	600	lime	1570	lime	2660
red rock	605	shale	1585	shale	2710
shells	615	lime	1590	lime	2735
lime	715	shale	1610	shale	2745
shale	725	sand HFW	1643	lime	2775
lime	750	lime	1657	shale	2795
red rock	760	lime	1670	lime	2820
lime	775	shale	1690	shale	2845
shale	795	lime	1700	lime	2860
lime	840	shale	1704	shale	2885
broken lime	865	lime	1714	lime	2900
red rock	870	shy shale	1755	shale.	2917
lime	895	lime	1777	lime	2923
shale	900	shale	1780	chat	2940
lime	905	lime	1790	chat a nd lime	3150
shale	915	sand LEW 1790	1815	shale	3395
lime	925	shale	1820	lime HFW	3403
shale	930	lime	1830	TD.	
lime	940	lime	1845	Swab 1580 Barrels in 12	
shale	965	shale	1850	hours equal 3160 bbls	
lime	990	lime	1890	Potential.	
shale	1010	shale	1905		
red rock	1015	lime	1913	8" UR 2305UR2917	
lime	1035	shale	1921	53/16 UR 3393	
shale	1040	lime	1955		
lime	1050	shale	1970		
shale	1059	lime	2015		
shale and lime	1215	shale	2030		
red rock	1220	lime	2070		
shale	1235	shale	2075		
red rock	1295	lime	2095		

OVER OVER

31-19-1W.
SEc NW

DEEPENING RECORD.

Old T.D. 3403.
Comm. 6-3-34 Comp. 6-26-34.
Production, Pump 5 oil and 200 BW per day.
lime 3425
lime 3437
shale 3440
sand 3447
1200' water in hole 3452-54
T.D.

5 $\frac{1}{2}$ ' casing 3393' UR 3443