

Plotted
 F.E.M.

TOM PALMER
 Borell No. 4

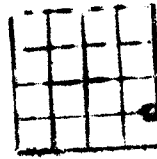
SEC. 21 T. 13 R. 14W.
 CEL SE $\frac{1}{4}$

Total Depth. 3287
 Comm. 3-20-35 Comp. 4-27-35
 Shot or Treated.
 Contractor. Tom Palmer.
 Issued. 6-1-35.

JUN 1 1935

County. Russell.

Plotted Texas CO.



CASING.

15 $\frac{1}{8}$ " 354'1 8 $\frac{1}{4}$ " 3025'8"
 12 $\frac{1}{8}$ " 865'8" 65/8" 3301'5"
 10" 2457'4" 3283'8" 3" tubing.

Elevation.

Production. Pot. 1311 B.

Figures Indicate Bottom of Formations.

cellar	12	lime grey hard	2005	shale blue soft 3268
clay red	35	shale blue	2010	lime grey med 3287
shale buff	68	red rock	2015	oil from 3275-76
shale blue soft	180	lime	2040	Total Depth.
sand	185	shale	2050	
shale light soft	200	lime	2070	Pulled 8 $\frac{1}{4}$ 6" and
shale pink soft	240	shale	2075	cemented 65/8
shale light soft	250	red rock	2090	pulled 10" oil in
shale pink soft	255	lime	2120	hole 2800'
red rock red soft	270	shale	2125	
shale blue soft	320	lime	2145	
sand light soft	352	red rock	2160	
iron hard	379	shale and shells	2200	
sand light soft bad	386	lime grey hard	2225	
iron hard hole	400	shale light soft	2235	
shale	445	shale and shells	2310	
lime light soft	455	shale	2320	
shale light soft	470	lime	2330	
shale soft	480	shale and shells	2340	
sand 13 BWPBR 525	500	caving.		
red rock	853	shale	2365	
anhydrite	895	lime	2375	
red rock soft	1030	shale and shells	2430	
shale	1080	shale	2437	
red rock soft	1130	lime	2448	
shale blue	1265	shale	2450	
salt light hard	1485	lime	2455	
shale blue soft	1490	shale blue soft	2500	
salt hard	1495	lime broken	2555	
shale.	1500	shale	2570	
salt	1525	lime	2580	
shale	1535	shale	2595	
lime	1550	lime	2600	
shale	1555	shale	2640	
lime	1580	lime grey hard	2660	
shale	1585	shale blue soft	2670	
lime	1590	lime light hard	2675	
shale	1595	shale blue soft	2680	
lime	1625	lime	2685	
red rock & shells	1630	shale dark	2695	
shale	1640	caving 2685-95		
lime	1670	lime	2700	
red rock soft	1680	shale	2710	
shale blue soft	1685	lime	2840	
lime grey hard	1720	shale	2845	
shale blue soft	1725	lime	2880	
lime grey hard	1730	shale light	2890	
red rock soft	1750	broken lime	2965	
lime grey hard	1775	4 BWPBR 2900		
shale	1785	lime	2982	
lime	1800	red rock	2990	
shale	1805	shale	3005	
lime	1855	lime	3040	
lime sharp	1870	shale HFV	3045	
shale	1875	lime	3135	
red rock	1885	shale	3137	
lime	1900	lime	3147	
shale	1910	shale	3150	
lime sdy	1945	lime	3204	
shale light soft	1950	shale dark soft	3220	
red rock soft	1960	lime	3257	
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