

Plotted for

Plotted Texas CO.

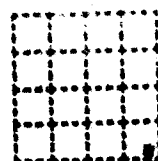
PHILLIPS PETRO.CO.
J.W.Kessler No. 1.

SEC.32 T.11 R.17W
Sec SE
400'f SL 400'f EL SE $\frac{1}{4}$

DEEPENING RECORD

County. Ellis

Total Depth. 3490'
Comm. 8-6-30 Comp. 9-23-30
Shot or Treated.
Contractor. Twin Drlg.Co.
Issued. 11-8-41



CASING:

20" 35' 10 $\frac{3}{4}$ " 2455'
15 $\frac{1}{2}$ " 734' 8 $\frac{1}{4}$ " 3266'
13 $\frac{3}{8}$ " 1244' 5" 3470'

Elevation.

Production. 20 BPH

Figures Indicate Bottom of Formations.

cellar	15	lime gy	2250	lime gy	3215	Top Arbuckle 3468
gravel(wtr 25-30)	25	shale red	2270	shale blue	3220	Fair por.& sat.
shale blue sft	35	lime wh	2285	shale brown	3225	3468-71. Good por
shale blue sftHFW	400	shale blue	2290	lime wh	3228	& sat.3471-75
sand & shale	415	lime gy	2305	shale blue	3233	Drill 3475-77
shale blue sft	430	shale red	2320	lime gy	3239	Cored 3477-80,
shale lgt	440	lime gy	2330	Top Oswald lime		3480-82, 3482-86,
shale pink	465	shale red	2335	Corrected to	3248	& 3486-90
shale blue HFW	550	lime gy	2350	sdv lime wh	3253	Fair to good por.
sand gy med	585	shale red	2360	lime wh	3258	& sat. from 75-80
shale blue sft	625	lime lgt	2375	lime brkn gy	3261	Fair to good por.
iron	635	shale red	2395	lime gy	3267	& sat. from 80-81
shale dk sft	650	lime gy($\frac{1}{2}$ BW 2400)	2412	shale brown	3270	Dense, no por. or
shale blue	740	lime& shale blue	2430	reduced hole	3271	sat. from 81-82
shale gy	755	lime wh(2BW 2440)	2455	lime wh	3280	Good sat.& fair to
sand(HFW 755-80)	780	shale blue	2465	lime gy	3284	good por. 82-84
sdv lime wh	820	shale red cave	2475	shale blk	3285	Fair to spotted sat.
sdv shale med	875	lime gy	2490	Total Depth.		& por. 84-86
shale red med	905	shale& lime blue	2520	pay 3282-84		Fair to good por.&
sand med	920	lime wh	2540			sat. from 86-89
shale red med	1100	shale blue	2560	<u>DEEPENING RECORD</u>		Dense w/spotted sat.
sand hrd	1115	lime wh	2575	Comm. 11-23-32		from 89-90
shale red sft	1215	shale blue	2580	Comp. 1-15-33		Acidized 1000 Gals.
shale&chalk med	1225	lime brkn gy	2600	Production -		
lime gy hd	1270	lime wh	2609	1-29-33 Swb 160 B.		
shale red sft	1370	shale blue	2630	& 4 BW in 22 hrs		
shale brwn med	1390	lime & shale	2635			
shale red blue		shale blue	2640			
sft	1450	shale& lime		lime	3285-3286	
shale red	1500	shells(4BW 2710)	2695	shale	3289	
shale blue	1520	sdv lime	2720	lime	3305	
shale red&blue	1545	shale blue	2730	Total Depth.		
salt	1550	sdv lime	2740			
shale blue sft	1593	shale blue	2748	<u>DEEPENING RECORD</u>		
lime shell	1597	lime wh	2757	Comm. 7-9-41		
shale blue	1600	shale blue	2765	Comp. 8-19-41		
salt blue	1825	lime gy	2775	Production - Phy.		
shale lgt	1845	shale & shells	2785	Pot.834 B.Pmp.		
lime gy	1855	shale blue	2795			
brkn lime&shale	1875	2BW 2795-2800		lime	3305-3339	
shale lgt	1885	sdv lime	2805	shale blue	3342	
shale & lime	1900	lime wh	2820	lime	3348	
shale red	1910	shale blue	2825	shale red	3352	
lime gy	1925	lime wh	2830	lime	3377	
shale red	1940	lime shells	2840	slate	3384	
lime & shale	1950	shale&shells		lime	3420	
lime gy	1975	blue	2925	shale brown	3421	
shale red	1990	lime wh	2930	lime	3431	
shale blue	2000	shale blue	2935	shale green	3433	
lime gy	2020	lime wh	2939	lime cherty	3435	
shale lgt	2025	lime brkn gy	2945	lime	3462	
shale&shells		lime wh	2970	shale	3465	
red	2050	shale lgt	2975	lime	3490	
shale red	2070	lime wh	3000	Total Depth.		
lime gy	2090	lime wh sdv	3005			
shale red	2110	2BW 3000-05		Increase in fluid		
lime gy	2130	lime wh	3100	3305-12. Made 3.19		
shale blue	2140	shale blue	3104	oil & 4.42 wtr per		
lime gy	2180	2BW 3000-85		hr for 6 hrs		
shale red	2195	lime wh	3175	Washed sh oil from		
lime gy	2215	shale blue	3180	samples 3406-08		
shale blue	2225	lime wh	3195			