

Plotted Texas CO.

TOM PALMER
Borell No. 2

SEC. 21 T. 13 R. 14W
Sec SE NE

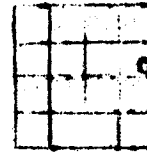
DEEPENING RECORD

Total Depth. 3613½'
Comm. 5-30-34 Comp. 7-16-34
Shot or Treated. 1000 Gal acid
Contractor. Tom Palmer
Issued. 12-7-46

County. Russell.

CASING.

15½" 357'6" 8½" 3008'
12½" 862'4" 65/8" 3276'
10" 2450'



Elevation. 1844

Production. 473 B. Pot.

Figures Indicate Bottom of Formations.

cellar	12	lime	1920	red rock	2995
clay	20	shale	1925	shale green	3002
shale	32	lime	1960	lime	3010
post rock	40	shale	1970	shale	3013
shale	50	lime	2020	lime	3040
shale dark	90	red rock	2025	HFV sh oil 3040	
shale	175	lime	2030	lime sdy	3045
shale dark	185	red rock	2035	lime	3180
slate light	220	lime	2085	HFV 3090-3145	
red rock	250	cave from 2085-2100		shale blue	3183
shale blue	260	red rock	2100	lime	3210
shale grey	280	lime	2115	shale dark	3225
red rock	285	red rock & lime shells	2140	lime	3238
shale blue	325	shells & red rock	2165	lime broken	3250
HFV 325		lime	2180	hole dry at 3243	
sand water	370	shale blue	2200	lime	3261
iron	380	shale grey	2215	shale	3273
shale	385	lime grey	2225	lime	3277
iron	415	shale grey	2235	broken lime	3280
shale blue soft	425	red rock	2240	lime hard	3289
shale	485	shale grey	2250	lime med	3298
shale blue soft	495	lime grey	2260	Total Depth.	
sand red med	505	shale	2300		
sdv shale red soft	520	lime	2305	show oil 3282-89	
sand red med	535	shale caving	2335	oil at 3290	
sard	540	lime	2355		
red rock	560	shale blue	2380	Acidized 1000 gal acid	
sand red	575	lime	2390	7-22-34. making potential	
red rock	653	shale	2440	292 bbls., reacidized	
4 EVMHR 675-857		shale blue	2450	8-20-34 making 473 bbls.	
anhydrite	898	lime	2475	DEEPENING RECORD	
red rock	1040	shale grey	2490	Gore Oil Co. (Cable)	
shale blue	1085	shale	2510	Comm. 7-9-45	
red rock	1135	lime	2535	Comp. 8-1-45	
shale	1155	shale	2545	Water Disp. Well	
red rock	1165	lime	2565	(From Sample log)	
shale blue	1245	shale	2580	dolomite xlyn	3311
gyp wh med	1270	lime	2585	dolomite xlyn	
salt	1520	shale	2595	w/sand	3329
lime	1530	lime	2600	dolomite w/	
shale and shells	1555	shale	2610	trace of shale	
lime	1560	lime	2615	green	3333
lime wh hard	1575	shale	2650	dolomite & sand	3337
shale wh soft	1585	lime	2660	dolomite xlyn	3342
lime	1595	shale	2665	dolomite xlyn &	
shale	1605	lime	2675	sand	3348
lime shells hard	1620	shale	2680	dolomite xlyn,	
red rock soft	1640	lime	2700	shale pale	
lime hard	1675	shale dark	2715	green w/sand	3354
shale	1690	lime	2825	dolomite xlyn	
lime	1735	show of oil 2790		& sand	3375
red rock	1755	shale	2828	dolomite xlyn	3380
lime	1795	lime	2945	sand w/dolo.	3387
shale	1800	caving 2835		sand	3403
lime	1805	shale	2950	sand, chert, dol.	3424
shale	1810	lime	2953	dolomite xlyn	
lime	1875	shale	2965	& sand	3444
shale blk	1880	lime	2985	(OVER)	
red rock	1890	caving. 2980			

Tom Palmer #2 Borell
Deepening Record (Cont'd)
(Deepened by Gore Oil Co)

Sec NE of Sec. 21-13-14W

dolomite xlyn, limestone, shale	3344-48
dolomite xlyn, chert, sand	3354
dolomite xlyn & sand	3470
dolomite xlyn, trace of green shale & sand	3480
dolomite xlyn & sand	3501
<u>Top Basal Sand</u>	<u>3500</u>
sand w/dolomitic cement	3517
sand	3532
sand w/lgt brwn dolomite	3542
sand	3550
sand w/few pieces of quartzitic sand	3560
sand	3569
sand	3582
<u>Top "Granite Wash"</u>	<u>3581</u>
quartzite, feldspar, sand	3594
quartzite & feldspar	3596
feldspar pink to red, some quartzite, few spots of mica	3608
<u>Top of Granite</u>	<u>3600</u>
feldspar & quartz	3613 $\frac{1}{2}$
Total Depth.	