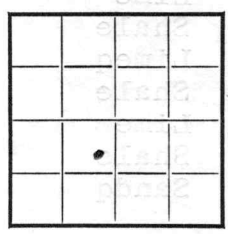


32-25-5E

Company Empire  
 Farm E.E. Bancroft No. 13  
 Total Depth 2475  
 Comm. Nov. 1, 1917 Comp. Dec. 21, 1917  
 Shot or Treated  
 Contractor Wheele & Laman  
 Issued

Sec. 32 T. 25 R. 5E  
 Loc. SW 1/4, 990' fr N line, 330' fr  
 County Butler Eline



(SW NE SW)  
 33.32  
 Defox filing  
 index

Casing  
 20 in. 10 in.  
 15 1/2 63 8 1/4 1746  
 12 1/2 668 6 5/8 1150, 1160  
 13 3/8 5 3/16 153

Elevation 1361.7

Production I.P. /7 hrs-48 bbls  
 After 1 yr-75 bbls

2" Tubing - 2447'  
 1 1/16" Sucker rod - 2453'  
 Figures Indicate Bottom of Formation

Formation	Depth	Formation	Depth
Mud	10	Shale	960
Lime	60	Lime	985
Shale	75	Shale	995
Red rock	85	Lime	1000
Shale	120	Shale	1005
Lime	145	Lime	1010
Shale	165	Shale	1020
Lime	195	Sand	1035
Shale	205	Sandy shale	1090
Lime	220	Lime	1105
Shale	240	Shale	1135
Lime	245	Lime	1140
Shale	255	Shale	1160
Lime	265	Lime	1180
Shale	295	Shale	1190
Red rock	300	Lime	1205
Shale	330	Shale	1215
Lime	335	Lime	1255
Shale	365	Shale	1265
Lime	375	Lime	1330
Shale	410	Shale	1385
Lime	420	Lime	1415
Shale	470	Shale	1430
Lime	480	Lime	1450
Shale	540	Shale	1480
Lime	550	Lime	1485
Shale	580	Shale	1595
Lime	585	Lime	1600
Shale	615	Shale	1630
Lime	620	Lime	1640
Shale	630	Shale	1680
Shale	650	Lime	1765
Shale	675	Shale	1770
Lime	680	Lime	1820
Shale	725	Shale	1980
Lime	735	Lime	2120
Sand	770	Shale	2130
Lime	775	Lime	2145
Shale	800	Shale	2240
Lime	840	Lime	2253
Shale	880	Shale	2218
Sand	940		

over



Empire G. & F. Co.  
 E. E. Bancroft #13, 32-25-5.

Log obtained from Empire  
 G. & F. Co. (Mr. Rose)  
 Jan 30, 1918.

Drilling commenced Nov. 1, 1917  
 " completed Dec. 21, 1917.

Prod. 48 bbls first 7 hours.

Casing record.

- 15 1/2" 63' 9"
- 12 1/2" 668' - 8"
- 8" 1746' - 8"
- 6 5/8" 2310'
- 5 3/8" 153' 9"
- 2" tubing 2447'
- 1 1/16" rods, 2453'
- 12' of 2" anchor

Lo,	770 - 775	Sh.	2355 - 2410
Sh	775 - 800	Lo,	2410 - 2420
Lo	800 - 840	Sh,	2420 - 2452
Sh	840 - 880	Oilsand	2452 - 2470
Sand	880 - 940	Hole full water.	
Sh	940 - 960		
Lo,	960 - 985		
Sh	985 - 995		
Lo,	995 - 1000		
Sh	1000 - 1005		
Lo	1005 - 1010		
Sh	1010 - 1020		
Sand	1020 - 1035		

600' oil in hole.

Mud	0 - 10
Lo	10 - 60 - 5 barrels water per hr
Sh	60 - 75
R. R.	75 - 85
Sh	85 - 120
Lo	120 - 145
Sh	145 - 165
Lo	165 - 195
Sh	195 - 205
Lo,	205 - 220
Sh	220 - 240
Lo	240 - 245
Sh	245 - 255
Lo	255 - 265
Sh	265 - 295
R. R.	295 - 300
Sh	300 - 330
Lo	330 - 335
Sh	335 - 365
Lo,	365 - 375
Sh	375 - 410
Lo	410 - 420
Sh	420 - 470
Lo	470 - 480
Sh	480 - 540
Lo	540 - 550
Sh	550 - 580
Lo	580 - 585
Sh	585 - 615
Lo	615 - 620
Sh,	620 - 630
Sand	630 - 650. 35 bbls oil
Sh,	650 - 675
Lo	675 - 680
Sh	680 - 725
Lo	725 - 735
Sh	735 - 770

Sandy Sh,	1035 - 1090	3 barrels water per hr.
Lo	1090 - 1105	
Sh	1105 - 1135	
Lo,	1135 - 1140	
Sh,	1140 - 1160	
Lo	1160 - 1180	
Sh	1180 - 1190	
Lo	1190 - 1205	
Sh	1205 - 1215	
Lo	1215 - 1255	
Sh	1255 - 1265	
Lo	1265 - 1330	
Sh	1330 - 1385	
Lo	1385 - 1415	
Sh	1415 - 1430	
Lo	1430 - 1450	
Sh	1450 - 1480	
Lo	1480 - 1485	
Sh	1485 - 1595	
Lo	1595 - 1600	
Sh	1600 - 1630	
Lo	1630 - 1640	
Sh	1640 - 1680	
Lo	1680 - 1765	Large amt of water
Sh	1765 - 1770	
Lo	1770 - 1820	Small amt of water
Sh	1820 - 1980	
Lo	1980 - 2120	
Sh	2120 - 2130	
Lo	2130 - 2145	
Sh	2145 - 2240	
Lo	2240 - 2253	
Sh	2253 - 2278	
Lo	2278 - 2325	
Sh	2325 - 2330	
Lo	2330 - 2355	