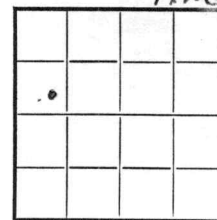


Company Empire
 Farm Murphy No. 76
 Total Depth 2461
 Comm. Oct. 18, 1918 Comp. Nov. 23, 1918
 Shot or Treated
 Contractor Bock & Davis
 Issued

31-25-5E
 Sec. 31 T. 25 R. 5E
 Loc. Appr C N $\frac{1}{2}$ SE SW NW
 County Butler *NWC-SE-SW-N W $\frac{1}{4}$*



33.31
Lefax filiguides

Casing
 20 in. 10 in 1570 *pulled* 2"-2440
 15 1/2 8 1/4 2095 5/8"-2428
 12 1/2 740 *pulled* 6 5/8 2443
 13 3/8 53/16

Elevation 1394.3

Production I.P./24 hrs-200 bbls
 After 3 mos-50 bbls; 6 mos-50 bbls

Figures Indicate Bottom of Formation

<u>Formation</u>	<u>Depth</u>	<u>Formation</u>	<u>Depth</u>
Lime	80	Shale	1675
Shale	90	Lime	1680
Lime	100	Shale	1755
Shale	150	Lime	1815
Lime	160	Shale	1900
Red rock	170	Lime	2065
Shale	230	Shale	2115
Lime	235	Shale	2180
Shale	250	L. shells	2185
Lime	255	Shale	2190
Shale	275	Lime	2215
L. shells	465	Shale	2305
Shale	505	Lime	2340
L. shells	605	Red rock	2365
Shale	625	L. shells	2375
Lime	630	Shale	2400
Shale	725	Shale	2415
L. shells	730	Lime	2430
Shale	745	Shale	2443
Lime	750	Sand	2461
Shale	800		
Lime	850	Remarks:	
Shale	970	3 B.W.	395
Lime	1000	Gas	1155-60
Shale	1020	Gas	1215
Lime	1050	H.F.W.	1540
Shale	1130	2 B.W.	1760
Lime	1190	H.F.W.	2010
Shale	1200	Top of sand	2443
Lime	1215	Oil at	2455
Shale	1220		
Lime	1270		
L. shells	1285		
Lime	1420		
Shale	1425		
Lime	1440		
Shale	1520		
Sand	1560		
Shale	1605		
Lime	1610		
Shale	1620		
Lime	1625		

CDH