

MURPHY # 75

Sec. 31, Twp. 25, Rng. 5, Butler County Kansas.

Location
 200' north of center section
 206' west of center section

Production 100 bbls. 1st 24 hrs.

Sand 2430-2440 10'

Drilling commenced 3/26/18
 Drilling completed 6/6/18

Casing record

12 1/2 725'
 10 1200' 10"
 8 1/4 1800'
 6 5/8 2435'
 2 2448'

Total Depth 2440'

lime	hard	30	30
lime	65	95	95
red rock		5	100
lime		110	210
slate		20	230
lime		10	240
slate		20	260
lime		10	270
slate		20	290
lime		20	310
slate		30	340
lime		10	350
slate		30	380
lime		5	385
slate		10	395
lime		15	410
slate		30	440
lime		5	445
slate		40	485
slate		60	545
lime		10	555
slate		50	605
lime		10	615
slate		10	625
lime		15	640
slate		10	650
slate		150	725
slate		20	745
lime		15	760
slate		20	780
slate		35	815
lime		15	830
lime		30	860
slate		10	870
slate		30	900
lime		20	920
slate		30	950
lime		50	1000
lime		20	1020
slate		20	1040
lime		30	1070
slate		20	1090
slate		10	1100
lime		20	1120

sand	15	1135
lime	15	1150
sand	30	1180
lime	5	1185
lime	15	1200
lime	55	1255
slate		15 1270
lime	20	1290
slate	30	1320
slate	30	1330
lime	5	1335
slate	30	1365
lime	15	1380
slate	40	1420
lime	15	1435
slate	10	2445
lime	4	1450
sand	24	1474
slate	15	4189
lime	11	1500
sand	36	1536
lime	10	1546
slate	19	1565
slate	10	1575
lime	15	1590
slate	10	1600
lime	40	1640
slate	60	1700
lime	45	1745
sand	30	1775
lime	25	1800
slate	25	1825
lime	15	1840
lime	35	1875
slate	5	1880
lime	15	1895
slate	10	1905
lime	15	1920
lime	15	1935
slate	20	1945
slate		
lime	20	1975
slate	35	2010
lime	10	2020

MURPHY # 75 (cont)

slate	15	2035
sand	5	2040
lime	20	2065
slate	25	2090
slate	35	2125
slate	20	2145
sand	10	2155
lime	40	2195
slate	50	2245
slate	90	2335
lime	15	2350
slate	75	2425
red rock	5	2430
sand	5	2435

Water at 2160'

Total Depth 2440.