

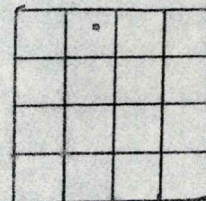
Company: Drilled for Miles & Richard Falkenstein
Farm:

Sec. 5 T34 R20E
Location NW $\frac{1}{4}$ 165 ft.
from N. line - 165 ft.
from E. line
County: Labette

Total Depth 465 Ft.

Comm. 2-24-77 Comp. 3-12-77

Drilling Contractor: William J. Billman



Figures Indicate Bottom of Formation

1 Top Soil	1	10 Dark Shale	256
24 Yellow Clay	25	4 Lime	260
32 Med. Shale	57	4 Black Shale (Gas)	264
8 Sandy Shale	65	11 Light Shale	275
25 Med. Shale	85	10 Dark Shale	285
24 Oswego Lime	109	5 Med. Shale	290
5 Black Shale	114	5 Dark Shale	295
20 Oswego Lime	134	1 Lime	296
3 Black Shale (Gas)	137	24 Dark Shale (Gas)	320
3 Oswego Lime	140	11 Med. Shale	331
5 Light Shale	145	1 Lime	332
75 Dark Shale	220	5 Dark Shale	337
5 Sand	225	1 Lime	338
5 Sandy Shale	230	35 Med. Shale	373
9 Dark Shale	239	2 Black Shale	375
7 Sand	246	8 Dark Shale	383
		14 Med. Shale	397
		8 Black Shale	405
		25 Med. Shale	430
		15 Dark Shale	445
		5 Black Shale	450
		11 Sandy Shale	461
		4 Bartlesville Sand	465

Gas in Bartlesville Sand

Hole 10 inches to a depth of 183 feet.
Hole 6 $\frac{1}{4}$ inches from 183 feet to 465 feet.

Packer set at 455 feet.
10 feet of stand pipe under packer.
Packer 1 inch brass with $\frac{3}{8}$ lead seat.
Drive Pipe 8 inch casing 22 feet.