County Buchanan

sec. 32 T. 56 R. 35

Owner Glaspell, Ray

Elev. 1053 MGS# 3030

Farm Peel No. 1 TD 1995 Shows oil gas Spls. no

Status _____ Date Completed 1923 Fm@TD Devonian

Remarks: gas @ 940-950+, oil @ 1435-1440.

00012

Log of Ray Glaspell's Peel No. 1. Location: NE. 1/4 SW. 1/4 NW. 1/4 sec. 32, T. 56 N., R. 35 W., Buchanan County, Mo. Elevation: 1,053.3 feet. Completed 1924 (?). Well No. 1 on map, Pl. I.

	Thickness, feet	*Depth, feet*
Pleistocene series:		
Soil, clay soft	55	55
Pennsylvanian system:		
Douglas-Kansas City groups:		
Lime, red, hard (water)	3	58
Shale, gray, soft	4	62
Red bed, red, soft	6	68
Shale, red, soft	10	78

Log of Ray Glaspell's Peel No. 1—Continued.

	Thickness, feet	Depth, feet
Shale, blue, soft	67	145
Shale, dark, soft	45	190
Lime, gray and brown, hard (Iatan)	15	205
Shale, light, soft	90	295
Lime, white, hard	3	298
Shale, light, soft	7	305
Lime, white, hard	10	315
Shale, blue, soft	5	320
Lime, white, hard	5	325
Shale, blue, soft	5	330
Broken lime, hard	150	480
Shale, blue, hard	20	500
Lime, white, hard	5	505
Shale, black, soft	15	520
Lime and sand gray med. (Winterset)	25	545
Shale, light, soft	5	550
Lime, white, hard, (Bethany Falls)	20	570
Shale, white, soft (water)	5	575
Sandy lime, gray hard (Hertha)	15	590
Pleasanton, Henrietta and Cherokee groups:		
Shale, blue, soft	90	680
Lime, white, med	6	686
Shale, white, soft	54	740
Shale, blue, soft	30	770
Shale, dark, soft	15	785
Lime, gray, hard (Lexington horizon)	10	795
Shale, blue, soft	50	845
Shale, dark, soft	70	915
Lime, gray, hard (Ardmore)	5	920
Shale, blue, soft	20	940
Slate, dark, soft	10	950
Sand, dry, soft (gas)	10	960
Shale, blue, soft	40	1000
Slate, dark, soft	20	1020
Shale, dark, soft	30	1050
Shale, blue, soft	30	1080
Lime, white, hard	5	1085
Shale, blue, soft	15	1100
Shale, light, soft	5	1105
Coal, black	7	1112
Shale, dark, soft	50	1162
Lime, gray, hard	10	1172
Shale, blue, soft	20	1192
Slate, black, hard	8	1200
Sand, white, soft (water)	30	1230
Shale, blue, soft	5	1235
Lime, white hard	2	1237
Shale, blue, soft	40	1277
Shale, dark, soft	15	1292
Slate, black, soft	8	1300
Sand, white, soft (water)	30	1330
Shale, white, soft	30	1360
Shale, dark, soft	20	1380
Slate, black, hard	10	1390
Shale, blue, med	15	1405
ssissippian system:		
Meramec group:		
Warsaw formation:		
Lime, gray, hard	30	1435
Slate, little sand, dark, soft (light oil showing)	5	1440
Osage and Kinderhook group:		
Lime, gray, hard	95	1535
Sand, light, soft (water)	5	1540
Lime, gray, hard (casing set at about 1620) (8 1/4" hole)	125	1665

Log of Ray Glaspell's Peel No. 1—Continued.

	Thickness, feet	*Depth, feet*
Kinderhook group:		
Shale, blue, hard	55	1720
Shale, greenish gray, fine siliceous clay silt, somewhat calcareous, one sample	30	1750
Devonian system:		
Limestone, white and light gray, sandy, medium crystalline, pyrite	10	1760
Limestone, white and light gray, sandy, medium crystalline, pyrite	10	1770
Same, fine grained, sand grains but none observed in the limestone	10	1780
Same, light gray in color	10	1790
Limestone, white, fine grained, fewer sand grains and little pyrite	10	1800
Same and a little light green shale probably from above	10	1810
Same and light brown limestone; much light green shale, much lighter and softer than 1690 and possibly in place unless from above 1690 (hole cased about 1620)	10	1820
Same with light gray sandy limestone	10	1830
Same, very little pyrite	10	1840
Limestone, gray, fine grained; little light green shale as previously	5	1845
Limestone, white to light brown, fine grained, some sand grains, light green shale and pyrite	5	1850
Same (1750 to 1855 is apparently all in one formation)	5	1855
Limestone, white and light gray, many rounded sand grains	5	1860
Same	5	1865
Limestone, gray and brown, medium crystalline	5	1870
Limestone, light gray and light brown	5	1875
Same and a little greenish shale probably from above	5	1880
Dolomite, dark brown, crystalline	10	1890
Same	5	1895
Same	5	1900
Same and limestone light brown and white	5	1905
Limestone, light brown, very fine grained	7	1912
Limestone and dolomitic limestone, light brown and white and white cherty residue	8	1920
Same	5	1925
Dolomite, white and light brown, fine grained, a little pyrite	5	1930
Same, and a little gray chert, green-gray shale from above	5	1935
Dolomite, brown	5	1940
Dolomite, brown to gray	5	1945
Same	7	1952
Same	6	1958
Dolomite, light and dark brown (test for oil negative)	7	1965
Dolomite, white to light brown	5	1970
Same and many sand grains	15	1985
Same as above	10	1995
		Total depth

The following descriptions have been prepared from sample studies by Miss Mary Hundhausen and H. S. McQueen:

	Thickness, feet	*Depth, feet*
Mississippian system:		
Limestone, coarsely crystalline, highly crinoidal, brown, with dark shale partings; residue of shale, pyrite and silicified brochiopod fragments. One sample marked 1400 feet. Probably Warsaw		1400
Chert, light gray in color, rough and limestone; one sample marked 1540-1665. Probably Chouteau at least in part		1665

Log of Ray Glaspell's Peel No. 1—Continued.

	Thickness, feet	Depth, feet
Kinderhook group:		
Shale, gray, green, with black and brown spores. One sample marked 1690-1750		1750
Devonian system:		
Limestone, tan, crystalline, fine grained, with rounded and frosted sand grains and pyrite	10	1760
Dolomite, light tan, fine grained, crystalline, some sand as above	10	1770
Limestone, tan lithographic, sand as above and gray and green caved shale, some chert	20	1790
Limestone, white, lithographic sand and cherta as above, with some sand and bright green shale	30	1820
Limestone, tan and white, fine granular to dense, sub-lithographic; trace of white chert	25	1845
Dolomite, fine crystalline, light tan, some white chert	5	1850
Limestone, white, dense, sub-lithographic, with sand and green shale	15	1865
Dolomite, brown, fine grained, small amount tan to brown quartzose chert	5	1870
Limestone, finely crystalline tan and white, chert as above and aggregates of fine sand	10	1880
Dolomite, brown, fine grained, crystalline, some green shale and rounded and frosted sand, some quartzose chert	10	1890
Dolomite, brown, finely crystalline sucrose to lithographic and calcareous 1900-12, somewhat porous	10	1912
Dolomite, coarsely crystalline, white, with white to brown quartzose chert, quartz crystals, and some sand	28	1940
Dolomite, light brown, finely crystalline, sucrose, with white, dark gray and brown chert	25	1965
Dolomite, white, coarsely crystalline, with gray shale and gray chert	30	1995, Total depth

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