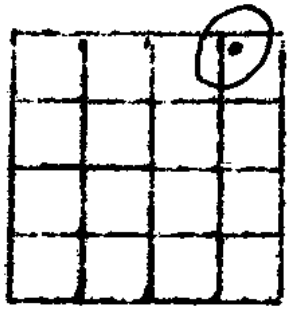
County JACKSON



sec. 36 T. 48 R. 33

Owner Russel et al.

Elev. 1029 MGS# 2806

Farm Bannister No. 1 TD 1820 Shows Oil* Spls. ✓

Status _____ Date Completed Jan. 1934 Fm TD _____

Remarks: *prod- 150M gas

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THE

Oil and Gas Resources

of

CASS AND JACKSON COUNTIES MISSOURI

by

JOSEPH R. CLAIR

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1943

MISSOURI
GEOLOGICAL SURVEY AND WATER RESOURCES

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DIRECTOR AND STATE GEOLOGIST
ROLLA, MISSOURI

Log of Russell et al. No. 1, Bannister. Location: Southwest corner NW. 1/4 NE. 1/4 NE. 1/4 sec. 36, T. 48 N., R. 33 W. Jackson County, Missouri. Elevation: 1,028.5 feet. Completed: Dec. 4, 1934.

Stratum	*Thickness feet*	*Depth feet*
Quaternary system:		
Soil, yellow	16	16
Gravel—water	2	18
Pennsylvanian system:		
Kansas City group:		
Lime	4	22
Shale, blue	4	26
Lime, light	7	33
Shale, blue	12	45
Lime, light	10	55
Shale, dark	12	67
Shale, red	8	75
Lime, light	6	81
Shale, dark	4	85
Lime, light	16	101
Shale, blue	25	126
Lime, light (Winterset)	44	170
Shale, dark	4	174
Lime, light (Bethany Falls)	16	190
Shale, black	4	194
Lime, light (Hertha)	14	208
Pleasanton formation:		
Shale, black	3	211
Lime, light	11	222
Shale, light	89	311
Lime, light	4	315
Sand (Wayside) showing of oil	14	329
Shale, blue	56	385

Russell et al. No. 1, Bannister—Continued.

Stratum	*Thickness feet*	*Depth feet*
Henrietta group:		
Lime, light	10	395
Shale, dark	10	405
Lime, light	5	410
Shale, light	5	415
Shale, dark	11	426
Lime, light (Lexington cap-rock)	4	430
Shale, sandy	5	435
Sand, 80,000 cu. ft. gas	10	445
Shale, light	15	460
Shale, pink	4	464
Shale, dark	8	472
Shale, black, 100,000 cu. ft. gas	2	474
Shale, light	16	490
Cherokee group:		
Henrietta-Cherokee contact (approx.):		
Shale, black	10	500
Shale, light	13	513
Sand (Squirrel—show of gas and oil)	33	546
Shale, dark	104	650
Shale, white, soft	15	665
Shale, blue	5	670
Shale, white	4	674
Lime	4	678
Sand—water—stands 500 ft. from top	8	686
Shale, dark	22	708
Shale, light	17	725
Sand (black slate one foot)	7	732
Shale, gray	13	745
Shale, dark sandy	49	794
Lime, dark, hard	3	797
Shale, dark, sandy, hard	18	815
Mississippian system:		
Meramec group:		
Warsaw formation:		
Limestone, gray, white, dense to crystalline, shaly and glauconitic in lower part	98	913
Osage group:		
Keokuk and Burlington formations:		
Limestone, gray white, cherty, crystalline, thin dolomitic limestone beds in upper part	173	1,086
Sedalia-Reeds Spring formation:		
Limestone, dolomitic, tan white to gray, cherty	166	1,252
Fern Glen formation:		
Limestone, gray, dense	20	1,272
Kinderhook group:		
Northview formation:		
Shale, green, calcareous	10	1,282
Chouteau formation:		
Limestone, dolomitic, gray, dense	12	1,294
Devonian system:		
Limestone, gray white to brown, dense to lithographic, sandy at base	80	1,374
Ordovician system:		
Black River (Decorah formation?):		
Limestone, gray-white, densely crystalline, argillaceous	29	1,403
St. Peter formation:		
Sandstone, white	73	1,476
Shale, green	13	1,489

Russell et al. No. 1, Bannister—Continued.

Stratum	*Thickness feet*	*Depth feet*
Canadian (of E. O. Ulrich) system:		
Jefferson City formation:		
Dolomite, gray-white to buff, cherty, argillaceous	174	1,663
Roubidoux formation:		
Dolomite, gray-white, cherty, sandy, distinct sandstone at base	147	1,810
Ozarkian (of E. O. Ulrich) system:		
Gasconade formation:		
Dolomite, gray-white, cherty—base not reached	10	1,820
		Total depth