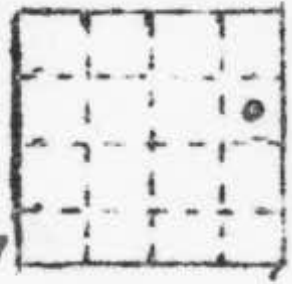
county Caldwell



sec 10 twp 57 rge 26

owner Breckenridge O&G

elev 918 MGS# 3055 ~~rge~~ drillers log

farm Glick No. 2 TD 1252 fm ~~TD~~ Devonian shows gas

status dry date completed 12/6/23

remarks:

00068

Log of Breckenridge Oil and Gas Company's Glick No. 2—Continued.

	Thickness, feet	*Depth, feet*
Pleasanton and Henrietta groups:		
Shale, dark	5	82
Light shale	88	170
Lime	5	175
Light shale	3	178
Lime	10	188
Light shale	7	195
Lime and shale	15	210
Light shale	10	220
Gray lime	5	225
Light shale	6	231
Lime and shale	14	245
Dark shale	10	255
Green shale	15	270
Lime	2	272
Dark shale	8	280
Lime	6	286
Cherokee group:		
Light shale	72	358
Lime	4	362
Dark shale	5	367
Light shale	15	382
Black shale	10	392
Lime	3	395
Dark shale	25	420
Red rock	4	424
Blue shale	3	427
Red shale	6	433
Light shale	17	450
Red shale	5	455
Light shale	35	490
Blue shale	15	505
Dark shale	45	550
Dark sandy shale	13	563
Lime	2	565
Shale	2	567
Water sand	22	589
Black shale	41	630
Water sand	27	657
Black shale	5	662
Water sand	23	685
Mississippian system:		
Meramec, Osage and Kinderhook groups:		
Lime	3	688
Water sand (chert ?)	24	712
Lime	15	727
Brown shale	2	729
Green shale	3	732
Lime	3	735
Brown shale	4	739
Lime	7	746
Green shale	3	749
Lime	6	755
White shale	1	756
Lime	15	771
Shale	1	772
Lime	98	870
Gray ?	1	871
Lime	9	880
Miss. lime	125	1005
Kinderhook group:		
Chattanooga shale:		
Dark shale	26	1031

Log of Breckenridge Oil and Gas Company's Glick No. 2—Continued.

	Thickness, feet	*Depth, feet*
Devonian system:		
Broken oil sand	6	1037
Lime, white	112	1149
Lime, brown	53	1202
Light, shale	3	1205
Shale with lime partings	47	1252
		Total depth

Log of Breckenridge Oil and Gas Company's Glick No. 2—Continued.

	Thickness, feet	Dep fe
Devonian system:		
Broken oil sand	6	103
Lime, white	112	114
Lime, brown	53	120
Light, shale	3	120
Shale with lime partings	47	125
		To dep

Log of McDugal's Vrooman Acres No. 1. Location: SW. 1/4 NE. 1/4 NW. 1/4 s 14, T. 50 N., R. 32 W., Clay County, Missouri. Elevation: 735 feet. Co pleted about December, 1929. Well No. 6 on map, Pl. I.

	Thickness, feet	Dep fe
Recent series:		
Sandy clay	10	1
Blue mud	30	4
Quicksand (70 ft. 8¼" casing)	30	7
Pennsylvanian system:		
Pleasanton group:		
Gray shale	55	12
Henrietta group:		
Hard lime	18	14
Blue shale	3	14
Lime	2	14
Shale	4	15
Lime	8	16
Shale	5	16
Lime (Lexington "Caprock")	8	17
Black slate (some gas and water)	3	17
Dark shale	5	18
Green shale	9	19
Red bed	4	19
Green shale	4	19
Lime	2	20
Black shale	5	20
Gray shale	9	21
Lime	3	21
Cherokee group:		
Gray shale	16	23
Red bed	2	23
Gray shale	3	23
Lime	4	24
Black shale and sand	8	25
Gray shale	15	26
Black sticky shale	15	28
Gray shale and oil sand (Squirrel)	10	29
Blue shale	5	29
Gray shale	10	30
Black shale	9	31
Lime	2½	31
Dark shale	8½	32
Gray shale	10	33
Dark shale	15	35
Gray shale	23	37
Light blue shale	5	37
Dark shale	8	38
Gray shale	9	39
Dark shale	3	39
Sand shale (L. B.)	2	40
White sand (Bartlesville) (lots of water)	36	43
Gray shale (6¼" casing set at 440)	4	44
Black shale	10	45

The Geology of Northwestern Missouri

By

H. S. McQUEEN *and* F. C. GREENE

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MISSOURI GEOLOGICAL SURVEY
AND WATER RESOURCES

ROLLA, MISSOURI

H. A. BUEHLER, *Director and State Geologist*

Log of Breckenridge Oil and Gas Company's Glick No. 2. Location: SE. cor. NW. 1/4 SE. 1/4 NE. 1/4 sec. 10, T. 57 N., R. 26 W., Caldwell County, Mo. Elevation: 917.7 feet. Completed December 6, 1923. Well No. 8 on map, Pl. I.

	Thickness, feet	*Depth, feet*
Pleistocene or Recent series:		
Soil	5	5
Yellow clay	5	10
Pennsylvanian system:		
Kansas City group:		
Lime	4	14
Blue shale	6	20
Lime	4	24
Light shale	2	26
Lime	5	31
Black shale	9	40
Hard lime (Bethany Falls)	13	53
Broken shale	4	57
Lime	3	60
Dark shale	5	65
Green shale	3	68
Lime	9	77