county Harrison

sec 10 twp 63 rge 28

owner Bruen, J. O. ?

elev 857 MGS/F drillers log rge

farm Frisby, E. H No. 1 TD 905 fm TD Miss shows none

status dry date completed 1927

remarks:

Proof

Bethany, Mo.

Oil & Gas Test in 1927

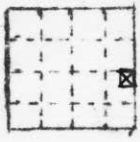
S.W. part of Sec. 10, Twp. 63N, R. 28W., E.H. Frisby Farm

Drilled by Joseph Widner, Sedan, Kan.

Surf. Elev. 848.0

0 - 5 black Soil
5 - 19 Quick sand
19 - 36 white limestone, B.F.
36 - 46 blue shale
46 - 75 white lime
75 - 85 gray shale
85 - 90 white shale
90 - 150 light shale
150 - 165 shale & flint
165 - 173 gray shale
173 - 224 red rock
224 - 229 dark lime
229 - 260 dark blue shale
260 - 300 light sandy shale
300 - 400 blue shale
400 - 475 blue shale
475 - 510 gray shale
510 - 560 sand - water
560 - 630 shale
630 - 675 white sand
675 - 680 dark Shale
680 - 690 gray shale
690 - 710 sandy shale
710 - 722 Blue shale
722 - 725 lime
725 - 787 light shale
787 - 810 gray sand
810 - 825 sandy shale
820 - 835 gray shale
835 - 838 blue shale
838 - 848 sand
848 - 875 sandy lime
875 - 878 white shale
878 - 895 white sand - water
895 - 898 blue shale
898 - 905 lime

county Harrison



sec 9 twp 63 rge 28

owner Bruen, J.O.

elev 851 MGSW drillers log ~~rge~~

farm Wiedner, Jack No. 1 TD 1252 fm TD Dev shows none

status dry date completed 1927

remarks:

00001

~~00002~~

BR006

Log of James O'Neil Bruen's Harrison County Farm No. 1. Location: NE. 1/4 NE. 1/4 SE. 1/4 sec. 9, T. 63 N., R. 28 W., Harrison County, Mo. Elevation: 851.15 feet. Completed in 1927. Well No. 4 on map, Pl. I.

	Thickness, feet	*Depth, feet*
Pleistocene series:		
Soil	4	4
Quicksand	13	17
Pennsylvanian system:		
Kansas City group:		
Limestone (Bethany Falls)	18	35
Blue shale	5	40
Limestone (Middle Creek)	2	42
Gray shale	18	60
Limestone (Hertha)	5	65
Pleasanton, Henrietta and Cherokee groups:		
Blue shale	5	70
Limestone	3	73
Gray shale	48	120
Sand	8	128
Shale	12	140
Limestone	20	160
Shale	5	165
Red bed	7	172
Gray shale	28	197
Limestone	7	202
Coal (Lexington)	2	204
Limestone	5	209
Shale	10	219
Limestone	4	223
Shale	86	309
Limestone (Ardmore)	12	321
Shale	24	345
Limestone	3	348
Gray shale	18	360
Limestone	3	363
Dark shale	17	380
White shale	15	395
Limestone	2	397
Dark shale	5	402
Limestone	6	408
Shale	20	428
Shelly lime	22	450

Log of James O'Neil Bruen's Harrison County Farm No. 1—Continued.

	Thickness, feet	*Depth, feet*
Sandy lime	55	505
Sandy shale, white	5	510
Gray sand	45	555
Gray shale	80	635
Blue shale	18	653
Limestone	7	660
Black shale	10	670
Sand	15	685
Blue shale	20	705
Sand	5	710
Shale	55	765
Sand	20	785
Shale	25	810
Mississippian system:		
Meramec group: ?		
Lime, brown	20	830
Shale, gray	2	832
Lime	8	840
Sand	5	845
Gray shale	15	860
Brown lime, water	10	870
Osage and Kinderhook groups:		
Lime sand, gray	222	1092
Kinderhook group:		
Green gray shale	14	1106
Devonian system: ?*		
Lime	90	1196
Shale, light	1	1197
Sand, blu	5	1202
Shale, 'ght	2	1204
Lime	36	1240
No record	12	1252 Total depth

*The section from 1092 to 1204 may be of Kinderhook age. Samples from this well are lacking, however, and the suggestion cannot be verified.

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*