

15-163-02539-00-00

General Exploration Inc.

MILLER THEATRE BUILDING

TELEPHONE 3-2311

Wichita, Kansas

National Associated Petroleum Company
No. 1 Highley
CNE NE 2-8-20W, Rooks County, Kansas
Elevation: 1906

Anhydrite	1440
Neva limestone	2370
Topeka limestone	2888
Heebner shale	3088
Brown Lansing limestone	3114
White Lansing limestone	3130
Base Kansas City limestone	3339
No Conglomerate	
Reworked Arbuckle	3386
Arbuckle Dolomite	3393
Total Depth	3444

All measurements corrected to derrick floor.

	<u>By Redmon</u>	<u>By Schlumberger</u>
Oil stains	2969-2975	2966-2974
Spotted saturation	3004-3011	3003-3010 P
Show of free oil in samples	3037-3043	3034-3044 P
Spotted saturation	3099-3102	3103-3107
Fair saturation	3165-3170	3165-3170 P
Spotted saturation	3183-3187	3184-3186
Spotted saturation	3202-3206	3200-3202
Fair saturation	3209-3212	3207-3211 P
The rocks immediately underlying this zone appear to contain water.		
Apparently good saturation	3281-3287	3278-3292 P
Spotted saturation	3296-3299	3295-3304 P
Spotted saturation	3325-3326	3323-3328 P
Spotted saturation	3369-3374	No indication. P

The upper ten feet of the Arbuckle dolomite contained considerable oil residue staining with fair porosity.

Arbuckle rocks from 3430-35 were highly porous and appeared to contain water.

We recommended casing be cemented at 3400 feet and the oil zones tested through perforations as indicated.

2 8 20W
95 27

1-31-44

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Sample Log by Hal Redmon

FORMATION	DEPTH
shale	2800-10
leached lime	2830
sand and red shale	2840
lime	2850
gray and red shale	2865
leached buff lime	2885
dark shale	2888
dense gray mottled lime	2915
dark shale	2920
leached buff lime containing dark chert	2945
dark shale	2950
leached lime	2960
dark shale	2965
leached crystalline lime	2980
dense gray lime	3012
dark red and green shale	3018
dense lime	3030
maroon shale	3037
leached fossiliferous oolitic lime	3055
dense lime with some white chert	3088
black shale	3090
fossiliferous lime	3105
red and green shale	3114
brown cherty lime	3122
red and green shale	3130
white dense lime	3180
red and gray shale	3200
partly leached crystalline lime	3220
white lime with some chert	3248
red and gray shale	3260
partly leached crystalline lime	3339
black shale	3350
dense lime	3356
red shale	3368
coarsely crystalline fossiliferous lime	3380
red and green shale	3386
reworked Arbuckle dolomite	3393
Arbuckle dolomite	3444

Measurements in log corrected to derrick floor.

2 8 20W
95 27

1-31-44