

Company - The Superior Oil Company .Sec., 2 T. 31S R. 15W
 Farm - Ward Estate No. 1 NW NW SW

Total Depth. 4678 County. Barber
 Commenced. 11-29-44 Completed. 1-2-45 Kansas

Contractor. Pryor & Lockhart Elevation. 1680

Casing:

16" - 111. 175 sacks
 10 3/4" - 811. 75 sacks

0	-	5	Soil	4098	Greyish buff finely crystalline flakey limestone
		65	Sand		
		540	Red bed	4116	Mostly spongy oolcastic limestone
		570	Anhydrite		
		680	Red bed	4124	Greyish buff dense finely crystalline limestone
		710	Lime		
		790	Grey shale	4142	Finely crystalline flakey limestone
		1365	Shale & shells		
		1440	Salt	4148	Finely crystalline flakey limestone, fine dense brown
		1510	Shale & salt		
		1730	Shale & shells	4214	Granular finely crystalline porous limestone
		2495	Lime		
		2575	Broken lime	4226	Grey dense finely crystalline limestone
		2635	Shale & lime		
		2770	Broken limestone & shale	4264	Grey granular porous limestone
		2930	Shale	4271	Grey dense hard limestone
		2968	Limestone, some shale breaks	4276	Grey crystalline fossiliferous limestone, some porosity
		3615	Limestone	4284	Greenish-grey shales few limestone
		3660	Green & grey shale		
		3700	Dense limestone	4320	Grey dense hard finely crystalline platey limestone, some dark green shale
		3730	Sandy shale		
		3738	Micaceous sandstone		
		3750	Greyish sandy shales	4346	Mottled shales trace amber chert few rounded sandstones
		3826	White crystalline limestone	4351	Shales-mottled trace amber chert some pink, fine limestone some grey dense
		3850	Porous oolitic limestone		
		3852	White crystalline limestone, grey opaque chert	4398	Buff to greenish dense finely crystalline dolomite few dark grey to white cherts
		3866	White crystalline limestone		
		3876	Brown crystalline oolitic limestone	4452	Pinkish white coarsely crystalline limestone
		3900	Light grey crystalline limestone	4466	White crystalline limestone some dolomitic slightly porous live oil
		3910	Some oolitic limestone	4468	White crystalline limestone
		3920	Limestone and grey opaque chert	4470	Dense hard finely crystalline dolomite and dolomitic limestone much light chert
		3960	Porous brown oolcastic limestone	4530	White coarsely crystalline limestone
		3964	Grey dense crystalline limestone		
		3976	Slightly porous crystalline limestone	4548	Dark green sandy shale some dark green waxy
		3980	Grey crystalline limestone	4562	Mostly finely sucrose dolomite crystalline sand clusters
		3994	Grey finely crystalline limestone, few porous oolitic limestone	4566	Dark green sandy dolomite to dark green sandy shales
		4010	Tan crystalline limestone some dark shale	4576	Fine tight hard quartzitic sandstone to friable medium grained
		4025	Buff platey finely crystalline limestone	4582	Dark green silty shales some dolomitic few angular sandstone clusters
		4040	Creamy finely sucrose limestone	4632-78	Fine to medium grained dolomite; slightly porous no shows; with sand clusters in upper portion.
		4050	Grey granular crystalline limestone; some grey chert		
		4062	Granular fossiliferous slightly porous limestone	Anh. 540-570 Florence Flint. 2225 Topeka. 2968	
		4073	Greyish granular crystalline flakey limestone	Douglas Sandy Zone. 3730-50 Lansing. 3826	1-4-45
		4095	Finely sucrose limestone	Marmaton. 4226	

SAMPLE TOPS

STATE CORPORATION COMMISSION

JAN 4 - 1945

PLUGGING
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SAMPLE TOPS (cont'd)

Pennsylvanian Basal Sand. 4340
Maquoketa. 4396
Xln. Viola. 4452
Simpson. 4548
Arbuckle. 4632

Drill Stem Test
packer 4457 T.D. 4469; open
25 minutes. Recovered 20-ft.
drilling mud; no shows.

Esterck

Clearcopy Onion Skin

MADE IN U.S.A.

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1-4-45