

FORMATION LOG OF THE WELL OR TEST HOLE

DeSoto Co

B73

Started Test Hole 2-21-20 02 Finished 3-29 20 02 Test Hole Number 1

Location Nepco/Southaven Desoto Co MS Sec 15 TS 1 Range 8 Elevation 290'

Total Depth	Thickness Each Stratum	Formation	Total Depth	Thickness Each Stratum	Formation
0-16	16	Clay			
16-42	26	Sand & Gravel			Sample Number & Depth
42-97	55	Clay			1. 1220' - 1251' 6. 1377' - 1409'
97-189	92	Sandy Clay			2. 1251' - 1282' 7. 1409' - 1440'
189-199	10	Sandy Clay			3. 1282' - 1314' 8. 1440' - 1471'
199-220	21	Sand			4. 1314' - 1345' 9. 1471' - 1503'
220-243	23	Fine Sand			5. 1345' - 1377' 10. 1503' - 1534'
243-290	47	Sand & Clay			
290-300	10	Clay			
300-320	20	Clay & Sand Streaks	Mud Pit Size	Ft. X	Ft. X
320-376	56	Sand	Type Bit Used to Cut Sand		
376-407	31	Sandy Clay	Size of Test Hole Through Sand		
407-428	21	Sand	Type of Bit Used to Cut Upper Formations		
428-430	2	Sand	Size		
430-438	8	Hard Shale	Type Mud Pump Used		
438-469	31	Sand	Drilling Pressure in Sand		
469-495	26	Sandy Shale	Type of Mud Used		
495-500	5	Hard Shale	Notes:		
500-532	32	Clay			
532-540	8	Shale			
540-562	22	Hard Shale			
562-594	32	Sandy Shale			
594-626	32	Sandy Shale			
626-658	32	Sandy Clay			
658-689	31	Clay			
689-721	32	Sand			
721-753	32	Sandy Clay			
753-784	31	Sandy Clay	Test Data Final Test		
784-815	31	Sandy Clay	Static Water Level		131'
815-982	167	Fine Sand & Clay Streaks	Pumped GPM		
982-1064	82	Hard Sandy Shale	Pressure Pounds		
1064-1220	156	Hard Shale	Draw Down		
1220-1251	31	Sandy Shale	GPPD		
1251-1282	31	Sandy Shale	Guaranteed GPM		1200
1282-1377	95	Hard Shale	Guaranteed Pressure		
1377-1440	63	Hard Sand	Date of Test		
1440-1471	31	Sandy Shale	REMARKS		
1471-1525	54	Sand	Lat. 34 Degrees 59' 35N		
1525-1534	9	Shale	Long. 90 Degrees 02' 16W		
			Elevation 290'		

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Driller Lynwood Hathcock

Field Supt Ray Smith