

Tunica Co.
B56

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Dept. of Environmental Quality
Office of Land & Water Resources

BUCK LAKE DEVELOPMENT

FORMATION LOG OF THE WELL OR TEST HOLE

STARTED TEST HOLE 8/15 1994 FINISHED 9/ 1994 TEST HOLE NUMBER 1-94
 LOCATION Clack Road & Old Hwy. 61 SE 1/4 SEC 6 TS 3S RANGE 10W ELEVATION 201
 SE 4

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION
0- 16	16	Sandy Clay			
16- 24	8	Coarse Sand & Gravel			
24- 53	29	Clay & Sand st			
53-141	88	Sand, Gravel & Clay st & Lig.			
141-151	10	Clay			
151-228	77	Sand, Clay st & Lig.			
228-248	20	Clay			
248-264	16	Sandy Clay & Sand st & Lig.			
264-338	74	Hard Clay & Sandy st			
338-395	57	Sand & Clay st & Lig.			
395-419	24	Sandy Clay & Coarse Sand st & Lig.			
419-472	53	Med. Coarse Sand & Clay st			
472-587	115	Fine Sand, Clay st & Lig.			
587-603	16	Hard Clay			
603-628	25	Fine Sand, Clay st & Lig.			
628-659	31	Sandy Clay & Sand st & Lig.			
659-690	31	Sandy Shale & Sand st			
690-732	42	Hard Sandy Shale			
732-798	66	Sandy Shale, Sand st & Lig.			
798-979	181	Fine Sand & Shale $\frac{1}{2} \times \frac{1}{2}$ & Lig.			
979-985	6	Sandy Shale			
985-1018	33	Fine Sand & Shale st & Lig.			
1018-1024	6	Hard Shale			
1024-1058	34	Fine Sand, Shale st & Lig.			
1058-1063	5	Sandy Shale			
1063-1106	43	Fine Sand, Shale st & Lig.			
1106-1129	23	Hard Sandy Shale & Lig.			
1129-1192	63	Hard Sandy Shale, Rock st & Lig.			
1192-1371	179	Hard Shale & Lig.			
1371-1379	8	Sandy Clay & Sand st			
1379-1442	63	Real fine Sand, Lots Clay st & Lig.			
1442-1622	180	Fine Sand, Clay st & Lig.			
1622-1631	9	Hard Shale, Sandy st & Lig.			
1631- 1662	31	Sandy Shale & Fine Sand st & Lig.			
1662-1694	32	Fine Sand & Shale & Lig.			
1694-1711	17	Sandy Shale & little Sand st			
1711-1716	5	Hard Sandy Shale & little Sand st			
1716-1776	60	Hard Shale			

MUD PIT SIZE 20 FT. X 30 FT. X 8 FT. DEEP
 TYPE BIT USED TO CUT SAND Tri-Cone
 SIZE OF TEST HOLE THROUGH SAND 12"
 TYPE OF BIT USED TO CUT UPPER FORMATIONS _____
 SIZE _____
 TYPE MUD PUMP USED GD 7 1/2 x 10 - Piston
 DRILLING PRESSURE IN SAND _____
 TYPE OF MUD USED Bentonite
 NOTES: _____

Handwritten notes:
 1462
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TEST DATA

	PRELIMINARY TEST	FINAL TEST
STATIC WATER LEVEL	49'	49'
PUMPED G. P. M.	350	1331
PRESSURE, POUNDS	0	65
DRAWDOWN	6'	29.45
G. P. F. D.	58.33	45.2
GUARANTEED G. P. M.	1000	1000
GUARANTEED PRESSURE		65
DATE OF TEST	9/29/94	12/20/94

REMARKS

DRILLER Lynnwood Hathcock
 FIELD SUP T Ray Smith

