

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
 Bureau of Land and Water Resources  
 Southport Mall  
 P.O. Box 10631  
 Jackson, Mississippi 39209  
**WATER WELL DRILLERS LOG**

DESOTO  
 H 84  
 BW 15000

H 95  
 Coded

10/26 19 95 LAYNE CENTRAL DESOTO  
 date well completed firm name county well located

LANDOWNER: City of Olive  
 Branch  
 (mailing address)

description of formations encountered from to  
 \*\* SEE ATTACHED LOG"

WELL LOCATION:  
 sec. 1 T 2 N R 6 E  
 (S) (W)  
 2 miles East of Olive Branch  
 (distance) (direction) (nearest town)

WELL PURPOSE: MUNICIPAL  
 (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:  
 (1) diameter (inches) 12"  
 (2) total depth (feet) 465  
 (3) static water level (feet) 143 below above top of ground.  
 (4) casing Steel 370 (material) (depth)  
 12" (size) if telescope see back.  
 (5) screen 90 375 (length) (depth to top)  
 8" 403 SST (size) (material)  
 (6) pump 75 700 (HP) (yield gpm)  
 3,60,460 (type power)  
 (7) electric log YES (yes or no)  
 LAYNE CENTRAL COMPANY (organization running log)

(8) how well bottom plugged Cement

DRILLERS REMARKS:

RECEIVED  
 DEC 22 1996

Dept. of Environmental  
 Office of Land & Water

**FORMATION LOG OF THE WELL OR TEST HOLE**

145

STARTED TEST HOLE 10/9 19 95 FINISHED 10/26 19 96 TEST HOLE NUMBER 45-84  
 LOCATION Fair Haven SEC \_\_\_\_\_ TS \_\_\_\_\_ RANGE \_\_\_\_\_ ELEVATION \_\_\_\_\_  
Olive Branch, MS

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION	TOTAL DEPTH	THICKNESS EACH STRATUM	SAMPLES - (CONT.)
0-9	9	Brown Clay			21. 457-472
9-52	43	Red Sand & Gravel			22. 472-487
52-125	73	Sand & Gray Clay			23. 487-502
125-137	12	Sand & Clay Str.			24. 502-512
137-177	40	Fine Sand & White Clay Str			25. 512-522
177-197	20	Med Sand & Little Wh Clay Str			
197-217	20	Fine Sand & Clay Str			
217-293	76	Med Sand			
293-297	4	Soft Yellow Clay			
297-313	16	Coarse Sand & Clay			
313-337	24	Sandy Clay			
337-352	15	Fine Sand & Clay			
352-367	15	Fine Sand & Lig, Lt1 Clay Str			
367-472	105	Med Sand			
472-522	50	Fine Sand Lt1 Clay Str & Lig			
		-SAMPLES-			
		1. 217-227			
		2. 227-237			
		3. 237-247			
		4. 247-257			
		5. 257-267			
		6. 267-277			
		7. 277-287			
		8. 287-293			
		9. 293-307			
		10. 307-313			
		11. 313-323			
		12. 323-337			
		13. 337-352			
		14. 352-367			
		15. 367-382			
		16. 382-397			
		17. 397-412			
		18. 412-427			
		19. 427-442			
		20. 442-457			

MUD PIT SIZE \_\_\_\_\_ FT. X \_\_\_\_\_ FT. X \_\_\_\_\_ FT. DEEP  
 TYPE BIT USED TO CUT SAND \_\_\_\_\_  
 SIZE OF TEST HOLE THROUGH SAND \_\_\_\_\_  
 TYPE OF BIT USED TO CUT UPPER FORMATIONS \_\_\_\_\_  
 \_\_\_\_\_ SIZE \_\_\_\_\_  
 TYPE MUD PUMP USED \_\_\_\_\_  
 DRILLING PRESSURE IN SAND \_\_\_\_\_  
 TYPE OF MUD USED \_\_\_\_\_  
 NOTES: \_\_\_\_\_

**TEST DATA**

PRELIMINARY TEST	FINAL TEST
STATIC WATER LEVEL	
PUMPED G. P. M.	
PRESSURE, POUNDS	
DRAWDOWN	
G. P. F. D.	
GUARANTEED G. P. M.	
GUARANTEED PRESSURE	
DATE OF TEST	

**REMARKS**

**RECEIVED**  
 DEC 19 1996

Dept. of Environmental Quality  
 Office of Land & Water Resources

DRILLER Barry Crook Quality \_\_\_\_\_  
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