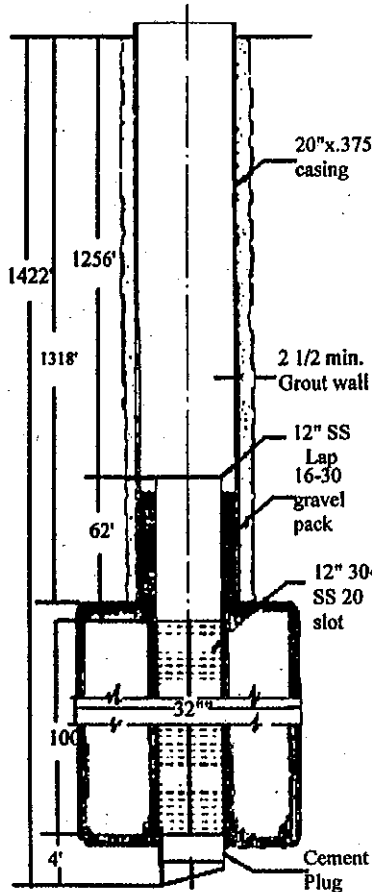


ALL MEASUREMENTS TAKEN FROM (GROUND)

Drawing of the Well



WELL DATA

PUMP RECORD

MOTOR

GEAR

ENGINE

GENERAL

Started Well 10-23 20 01 And Completed 01-03 20 02
 Total Depth 1422 Elevation _____ Static Water Level 131'
 Length Surface Casing 47' Size 28" Thickness 260 wall
 Cemented with 30 sacks Cement Type Packer N/A
 Length Well Casing 1313' Size 20" Weight 375 wall
 Cemented with 1500 sacks Cement N/A Type Packer N/A
 Inner Casing Length 62' Size 12" Weight 188 wall
 With Fish x Backs Guides Located top/bottom Type Backoff N/A
 Lead Seal N/A Back Pressure Valve 6" x 4" Guide N/A
 Well Strainer Make HOUSTON SS Size 12" Length 100' Opening 20 SLOT
 Type Material Stainless With Weld Ring Connections _____
 Size Hole Drilled for Surface Casing 32" With Rock
 Size Hole Drilled for Well Casing 25" With Rock Size _____
 Hole Drilled for Strainer 32" With Undreamer
 Yards of Gravel Used 22 How Placed GRAVEL LINE
 How was well developed Air Development
 Notes: USED 16-30 Ogilby-Norton GRAVEL
 Rig Used Gardner Denver 2500 Driller LYNWOOD HATHCOCK

Serial Number _____ Make _____ Foundation _____
 Length Column _____ Size _____ Type _____ @ _____ Lengths _____
 Bowl Size _____ Type _____ Stages _____ Material _____ Impeller _____
 Material Bowl _____ With _____ Ports and _____ Shaft _____
 Suction Size _____ Length _____ Suction Strainer _____
 Is Pump Sealed How _____ Where _____ With What _____
 Lubricator Type _____ Size _____ Voltage _____
 Length of Airline _____ Size _____ Type Material _____
 Air Release Valve Type _____ Size _____ Size _____
 Surface Discharge _____ Type _____ Dayton Coupling _____
 Pressure Gauge _____ Speed _____
 Notes _____
 Rig Used to Set Pump _____ Installer _____
 Date Pump Installed _____ 20 _____ Date In Operation _____ 20 _____

Make _____ HP _____ Frame _____
 Phase _____ Cycle _____ Volt _____ Speed _____ Model _____
 Serial Number _____ Top Bearing _____ Bottom Bearing _____
 Ratchet _____ Starter _____ Pressure Switch _____

Make _____ Model _____ HP _____ Serial Number _____
 Size Pulley _____ Type Motor Frame _____

Make _____ Model _____ HP _____ Serial Number _____
 Speed _____ Size Pulley _____ Foundation _____
 Type Fuel Tank _____ Make Mag _____ No. _____
 Make Starter _____ No. _____ Type Fuel _____
 Make Flexible Shaft _____ Size _____ Length _____ Belt Length _____

Purpose for which this water is used _____
 Temperature _____ Is Water Clear _____ Capacity _____
 Sand _____ Hardness _____ PH _____ Iron _____ NaCl _____
 Type Treatment used _____ Is _____
 there a derrick over the well _____ Height _____ Type _____ Can _____
 a Truck or Rig easily get to the well _____ Pump _____
 House _____ Size Hatch _____

CONTRACT NO 57 - 5194

Our Well No. 6 Their Well No. 6 In Test Hole No. _____

Location of the Well Southaven/34° 59' 35N x 90° 02' 22" W

Installed For NEPCO Power Plant

Address City Southaven County DeSoto State MS

Soto County

B72

FORMATION LOG OF THE WELL OR TEST HOLE

Drilled For Nepco Finished 01-03 20 02 Test Hole Number _____
 Location Southaven, MS Sec _____ TS _____ Range _____ Elevation _____
 Latitude 34°59'35"N Longitude 90°02'22"W County DeSoto

Total Depth	Thickness Each Stratum	Formation			
			Static Water Level- 131'		
0-21	21	Clay	Specific Capacity- 17.8 gpF/dd		
21-37	16	Sand & Gravel			
37-39	2	Yellow Clay			
39-63	24	Gray Clay			
63-107	44	Hard Clay			
107-112	5	Sandy Clay & Sand Streak			
112-225	113	Hard Gray Clay			
225-282	57	Sand Clay & Sand Streak			
282-305	23	Coarse Sand & Clay	Mud Pit Size _____ Ft. X _____ Ft. X _____ Ft. Deep		
305-313	8	Sandy Clay	Type Bit Used to Cut Sand _____		
313-356	43	Coarse sand & clay 1/2 x 1/2	Size of Test Hole Through Sand _____		
356-407	51	Hard Fine Sand & Clay Streak	Type of Bit Used to Cut Upper Formations _____		
407-469	62	Hard MED/FINE Sand & Clay	Size _____		
469-500	31	Hard Fine Sand & Clay	Type Mud Pump Used _____		
500-531	31	Hard Fine Sand & White Clay 1/2 x 1/2	Drilling Pressure in Sand _____		
531-626	95	Sandy Clay & Sand 1/2 x 1/2	Type of Mud Used _____		
626-721	95	Fine Sand & Clay Streak	Notes: _____		
721-828	107	Sandy Clay			
828-836	8	Hard Sandy Clay			
836-846	10	Fine Sand & Clay			
846-985	139	Fine Sand & Clay/Lignite Streaks			
985-1001	16	Hard Shale			
1001-1248	247	Hard Shale & Rock			
1248-1311	63	Hard Sandy Shale			
1311-1364	53	Hard Sandy			
1364-1447	83	Fine Sand & Shale 1/2 x 1/2	TEST DATA		
1447-1453	6	Hard Sand & Shale			
1453-1468	15	Hard Shale	PRELIMINARY TEST		FINAL TEST
1468-1506	38	Fine Sand & Shale 1/2 x 1/2	Static Water Level		
982-1064	1530	Hard Sandy Shale	Pumped GPM		
1506-1530	24	Hard Sandy Shale	Pressure Pounds		
			Draw Down		
			GPF/D		
			Guaranteed GPM		
			Guaranteed Pressure		
			Date of Test		
			REMARKS		
			Driller <u>Hathcock & Lloyd</u>		
			Field Supt <u>Ray Smith</u>		

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