

9-185  
(October, 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER-RESOURCES DIVISION

WELL SCHEDULE

Date July 14, 1955 Field No. \_\_\_\_\_  
Record by William F. Powell & E.J.H. Office No. N. 36  
Source of data Mr. Daulking, Supt.

1. Location: State Miss. County Hinds

Map SW SW, NW 1/4 NW 1/4 sec. 5 T 5 N 8 R 1 W

2. Owner: Buckeye Cotton Oil Co. Address Jackson, Miss.

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Driller Jayne Central Address \_\_\_\_\_

3. Topography Ground level

4. Elevation 286 ft. above Fig. July 1946  
below

5. Type: Dug  drilled  driven, bored, jetted 11 1945

6. Depth: Rept. 707 ft. Meas. \_\_\_\_\_ ft.

7. Casing: Diam. 12 in., to 8 in., Type Torpedo Gravelled  
Depth 643 ft., Finish 60' Screen Arroy Shutter # 7.

8. Chief Aquifer Sparta Sand From 643 ft. to 705 ft.

Others Sand 468-512 ft.

9. Water level 117 ft.  Rept. July 1946 above  
meas. below

139° 6-23-55 which is 2.8 ft. above  
162.0 9/1/57 below surface

10. Pump: Type Turbine Capacity \_\_\_\_\_ G. M.

Power: Kind Elec. Horsepower 7.5

11. Yield: Flow \_\_\_\_\_ G. M., Pump 550 G. M., Meas.  Rept. Est.  
Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ G. M.

12. Use: Dom., Stock, PS., RR.,  Ind., Irr., Obs.

Adequacy, permanence Wanted 900 gpm. 4 Test holes

13. Quality Good Temp. at hydrant \_\_\_\_\_ Temp. 81 °F

Taste, odor, color \_\_\_\_\_ Sample  Yes 10/19/56  
 No

Unfit for Pump 4 Stage 12" - 60' 9" Suction

14. Remarks: (Log, Analyses, etc.) Average Daily use is  
287,000 gallons. Present system is adequate.

SWPC

drilled

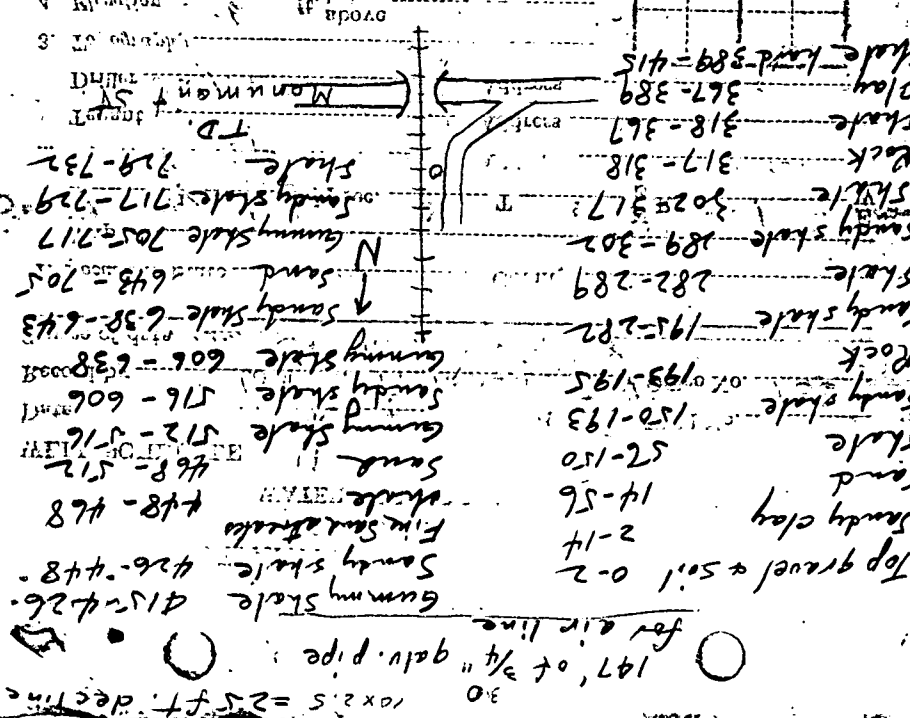
22' decline in SWL 1948-1955

Added 1955 30.0" base of pump  
 285.3" Bottom of suction  
 6/23 315.3" New bottom of suction  
 from base of pump

Aug 1955 Added 30 ft  
 Pump setting From Base of Pump  
 11 X 20 = 220  
 4.6" Bottom of bowls  
 60.9" Suction

Inserted use when refinery was added  
 1945 was 1/2 or less

Dec 1956 8 Mos. Refinery uses water 12 mos.  
 Ave for 4 mos. 285.000/Day for  
 7 Day of 1.80 ft for



Log of Formation for Buckeye Cotton Oil Company

N 36

Test Hole Address Jackson, Mississippi

No. Location of Well or Test At Plant

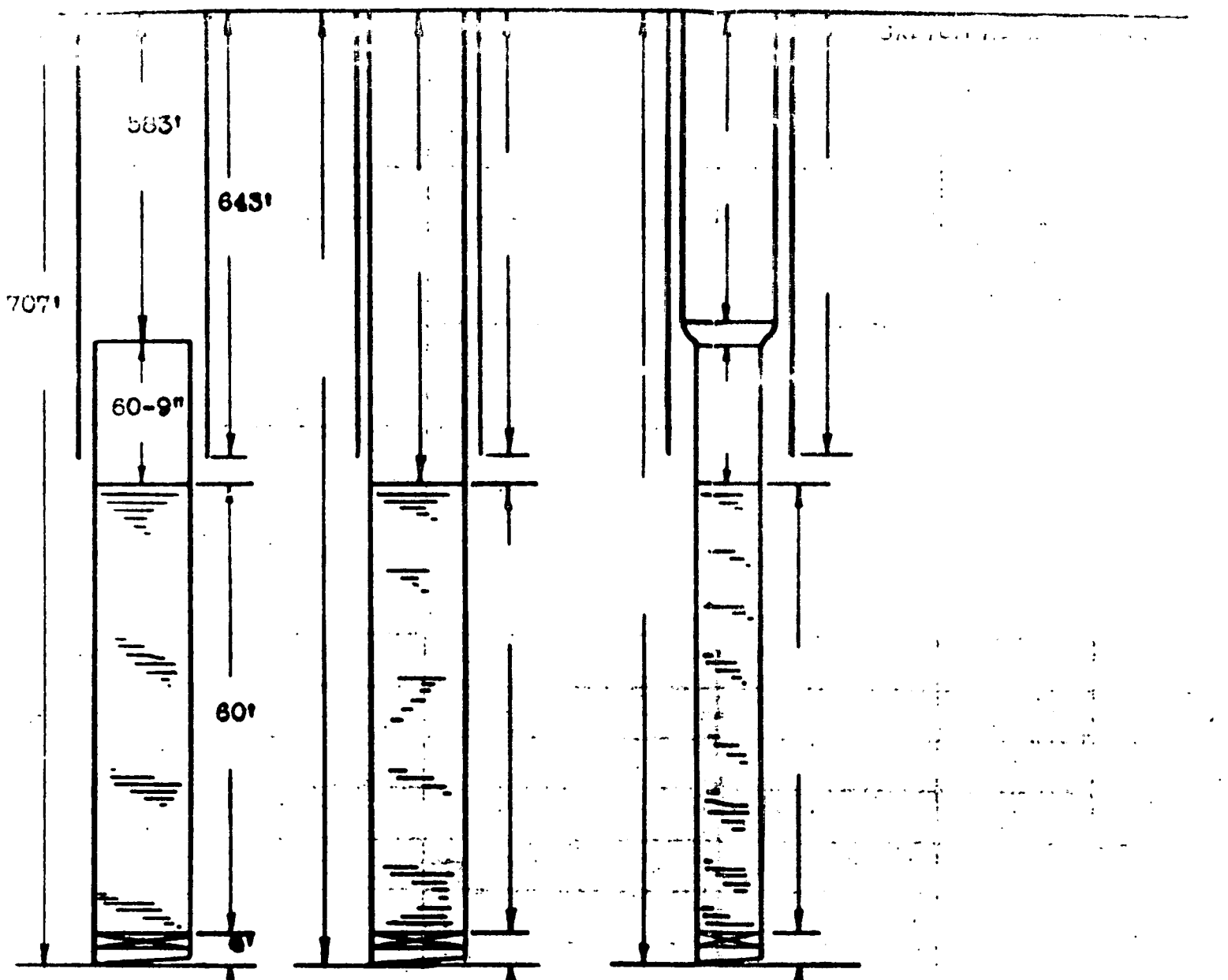
FORMATION AND TEST HOLE INFORMATION

Total Depth	Thickness Each Stratum	Formation	Notes and Explanation
2	2	Top Gravel & Soil	
14	12	Sandy Clay	
58	42	Sand	
150	94	Shale	
183	43	Sandy Shale	
185	2	Rock	
212	27	Sandy Shale	
219	7	Shale	
242	13	Sandy Shale	
257	15	Shale	
268	1	Rock	
277	49	Shale	
326	22	Clay	
341	26	Shale (Hard)	
412	11	Gummy Shale	
416	22	Sandy Shale	
433	20	Fine Sand streaks shale	
452	44	Sand	
516	4	Gummy Shale	
506	90	Sandy Shale	
638	32	Gummy Shale	
643	5	Sandy Shale	
705	62	Sand	
717	12	Gummy Shale	
729	12	Sandy Shale	
732	3	Shale	

Date Started November 26 19 45 Date Finished April 1 19 46

Fully explain and describe all operations (Signed) W. R. Praytor Field Supt.  
 making notations necessary to the successful installation of a good well. (Signed) E. N. Hood Driller

Log of Well for Buckeye Cotton Oil Company Well No. 2  
 (City) Jackson (County) Wade State Mississippi  
 of Well At Plant Made in Test Hole No. 4



STARTED 11-26 1945 COMPLETED 4-1- 1946 DEPTH 707' STATIC WATER LEVEL 117'  
 MEASUREMENTS TAKEN FROM TOP OF (CASING)(FOUNDATION) RIG USED Electric  
 SURFACE CASING: SIZE \_\_\_\_\_ LENGTH \_\_\_\_\_ (T&C)(WELDED)(RIVETED) SACKS CEMENT \_\_\_\_\_  
 WELL CASING : SIZE 18" LENGTH 643' (T&C)(WELDED)(RIVETED) SACKS CEMENT 350  
 INNER CASING : SIZE 8" LENGTH 60'-9" (T&C)(WELDED)(RJ) TYPE GUIDES Straight Guide  
 GUIDES LOCATED On two joints TYPE BACKOFF (PHILL)(LR-STD)(J-TOOL)(BLANK) \_\_\_\_\_  
 SIZE LEAD SEAL \_\_\_\_\_ MAKE OF STRAINER Lays TYPE Shatter MATERIAL Boone  
 SIZE STRAINER 8" LENGTH 60' SIZE OPENING 1/2" B.P. VALVE SIZE 8" LENGTH 4"  
 PLUGGED WITH \_\_\_\_\_ SIZE UNDERREAMED FOLE 18" WITH 10" UNDERREAMER \_\_\_\_\_  
 YARDS OF GRAVEL USED app. 15 HOW PUT IN Wheelbarrow TYPE GRAVEL Torpedo  
 TYPE CLAY USED \_\_\_\_\_ WHAT ELSE \_\_\_\_\_  
 HOW DEVELOPED Agitator HAVE YOU INSTALLED FOUNDATION Yes  
 IS THERE A DER-PICK OVER THE WELL No WHAT IS STATUS OF JOB \_\_\_\_\_

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-**

**PUBLIC SUPPLY WELLS PROJECT**

**GPS LOG**

USER NAME (S) : RLB

DATE : 1-23-2003

UNIT DEQ # : \_\_\_\_\_

FILE # : \_\_\_\_\_

HEALTH DEPT. # : \_\_\_\_\_

ELEVATION :

USGS # : N36

OLWR # :

OWNER : BUCKEYE COTTON OIL CO.

JACKSON QUAD.

LOCATION : \_\_\_\_\_ S \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ COUNTY HINDS

LOCATION DESCRIPTION :

CASING DIA :

PUMP TYPE & SIZE :

GPS FIELD LOCATION : LAT. <sup>2</sup>32.30890

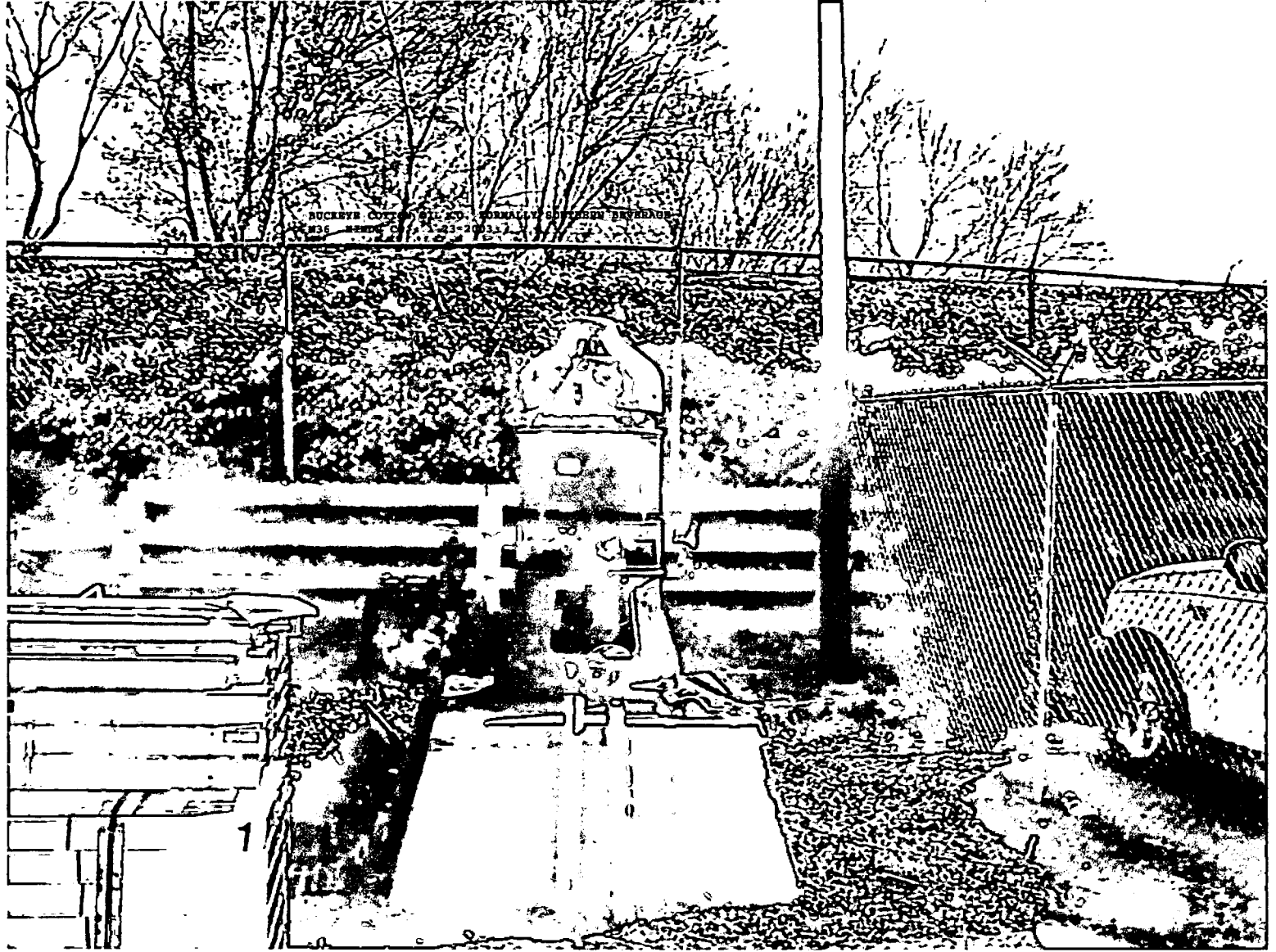
LONG. -90.19183

GPS CORRECTED LOCATION : LAT. LONG.

REMARKS : COULD NOT GET STATIC WATER LEVEL , HIT OBSTRUCTION @220 FT. EL 285 1946 TD 732, W/L 117 IN 1946

32° 18' 32"

90° 11' 30.6"



Buckeye Cotton Oil Co  
N36



Target is UTM 15 764407E 3577950N - JACKSON quad [Quad Info]

