

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Test
Hole.

WELL SCHEDULE

Date March 7, 1957 Field No. _____
Record by Joe W. Lang Office No. AB
Source of data Driller: Ted Arbogast of Layne-Central.

1. Location: State Miss. County Lauderdale

Map _____ 1/4 _____ 1/4 sec. _____ T _____ N _____ S _____ R _____ E _____ W _____

2. Owner: Columbus Air Force Base Address _____

Tenant _____ Address _____

Driller Layne-Central Co. Address Memphis, Tenn.

3. Topography _____

4. Elevation 200 ft. above _____ below _____

5. Type: Dug, drilled, driven, bored, jetted _____ 19A? ?

6. Depth: Rept. 972 ft. Meas. _____ ft.

7. Casing: Diam. _____ in., to _____ in. Type _____

Depth _____ ft., Finish _____ From _____ ft. to _____ ft.

8. Chief Aquifer _____ Others _____

9. Water level _____ ft. rept. _____ 19 _____ above _____ below _____

_____ which is _____ ft. above _____ below surface

10. Pump: Type _____ Capacity _____ G. M. _____
Power: Kind None Horsepower _____

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

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

13. Quality _____ Temp _____ °F.
Taste, odor, color _____ Sample Yes _____ No _____

Unfit for _____

14. Remarks: (Log, Analyses, etc.) Test wells sunk at Air Base during construction.

over

From
Personal conversation with Mr. Ted Arbogast
who was in charge of drilling test holes.

Mr. Arbogast said that a 1,000' test hole
was planned, but after great difficulty
and much time during which several drill
strings were twisted apart finally gave up.
Tried another offset hole and reached only
800' and gave up test.

Found no water below about — feet.
Drilled thru rubbery, gumbo which balled up
on drill pipe — red, rubbery and closed up
hole behind drill. Below this was cherty
clay — very hard pebbles — not clean
gravel — about pea-size. Very hard. Never
did reach bottom of gravel and clay mixture.
Had sufficient water above, so decided
wasn't necessary to finish out hole to 1,000'.
No ^{deep} water sample collected, because he
said no water present below — feet.

U.S. GEOLOGICAL SURVEY
BUREAU OF WATER RESOURCES
WASHINGTON, D. C.