

WRD Exp. (GW)
April 1966

Well No. J 18 (J4a)

WELL SCHEDULE

Log # 72

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by _____ Source of data _____ Date _____ Map _____

State Miss 28 County Lamar 37

Latitude: 310749 N 0893458 Longitude: 1 Sequential number: 1

Lat-long accuracy: 2 T. 2 S. R. 16 Sec 14, NE, SW, SW

Local well number: J008CC1402N16E Other number: HT-2(1)

Local use: 064 Owner or name: Atomic Energy Comm

Owner or name: USAEC Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist F

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other Z

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. Z

DATA AVAILABLE: Well data N Freq. W/L meas.: _____ Field aquifer char. N

Hyd. lab. data: _____

Qual. water data; type: USGS (Questionable sample)

Freq. sampling: φ Pumpage inventory: no. period: _____

Aperture cards: _____

Log data: GE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 820 Meas. 3

Depth cased: 670 Casing type: _____; Diam. 16

Finish: porous concrete, gravel w. (perf.), concrete, gravel w. (screen), gravel w. (horiz. gallery, end), horiz. open hole, other P

Method Drilled: (A) air rot., (B) bored, cable, dug, rot., (C) cable, dug, rot., (D) cable, dug, rot., (H) hyd jetted, (J) hyd jetted, (P) air percussion, (R) air reverse, (T) air reverse, (V) air reverse, (W) air reverse, (Z) air reverse, other H

Date Drilled: 6-3-61 9-6-1 Pump intake setting: _____

Driller: Layne

Lift (type): (A) air, bucket, cent, jet, (B) air, bucket, cent, jet, (C) air, bucket, cent, jet, (J) air, bucket, cent, jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) piston, (S) piston, (T) piston, (Z) piston, other Deep

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: 295 Accuracy: 0

Water Level: _____ ft above below MP; Ft below LSD 161 Accuracy: _____

Date meas: 6-6-1 Yield: 91 gpm Method determined 1

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. 74 °F Date sampled 6-7-61

Taste, color, etc. _____

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. 48

Well No. J 8

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D 13V Subbasin: _____

Topo of well site: (D) (C) (E) (F) (H) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp, (Ø) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat S

MAJOR AQUIFER: system _____ series T M aquifer, formation, group M Z

Lithology: U S Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 50 Depth to top of: _____ ft 600

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

Intervals Screened: _____

Depth to consolidated rock: _____ ft _____ Source of data: _____

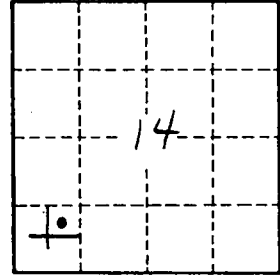
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft 562 Coefficient Storage: _____

Coefficient Perm: 56 gpd/ft²; Spec cap: 4.8 gpm/ft; Number of geologic cards: _____

AEC - Tatum dome
Hydrologic Test Well # 2, Aquifer # 1



Well No.

J 8