

GW09436  
DOH # 140007-01

FORM 9-1642  
(1-68)

Well No. F21  
Elog# 21

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

SEP 26 1973

MASTER CARD

Bowc  
MSGs

Record by: WTO Source of data: MSGs Date: 10/72 Map: \_\_\_\_\_

State: MISS County: 28 (or town) COAHOMA 14

Latitude: 34 16 01 N Longitude: 09 03 11 7 Sequential number: 1

Lat-long accuracy: 2 28 3 28 NW SW SW

Local well number: F021CC2828NO3W Other number: \_\_\_\_\_

Local use: 002021 Owner or name: \_\_\_\_\_

Owner or name: GREEN ACRES WA Address: \_\_\_\_\_

NOV 20 1974

Ownership: (C) County, Fed Gov't, (F) City, Corp or Co, (M) Private, (N) State Agency, (P) Water Dist, (S) \_\_\_\_\_ N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Inatit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other \_\_\_\_\_ P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed \_\_\_\_\_ W

DATA AVAILABLE: Well data  Freq. W/L meas.: \_\_\_\_\_ Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_ period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: Elog 11'-1200' D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1170 Meas. rept accuracy \_\_\_\_\_

Depth cased: Split ft 1070 Casing type: \_\_\_\_\_ Diam. 8x4 in \_\_\_\_\_

Finish: (C) concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other \_\_\_\_\_ S

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) rot., (F) percussion, (G) rotary, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other \_\_\_\_\_ H

Date Drilled: 10-23-72 9:7:2 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Robert RATLIFF

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other \_\_\_\_\_ Deep \_\_\_\_\_

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. \_\_\_\_\_ 10 W Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) topo \_\_\_\_\_

Water Level: \_\_\_\_\_ ft above MP; \_\_\_\_\_ ft below LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_

Date meas: 2-19-74 274 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_

Sp. Conduct 750 K x 10 4 Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_

Taste, color, etc. field = 8.1, water = 21.5 °C

Well No.

HYDROGEOLOGIC CARD

SEARCHED

State 44 ON MASTER CARD Physiographic Province: \_\_\_\_\_ Section: 03

Drainage Basin: E 15F Subbasin: \_\_\_\_\_

SERIALIZED

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (R) (K) (L) (M) (N) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series TE aquifer, formation, group \_\_\_\_\_ MW

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: 110 broken-up ft

Length of well open to: split screen ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft 170

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: \_\_\_\_\_

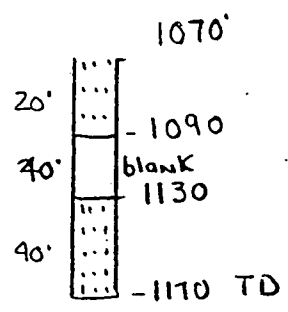
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

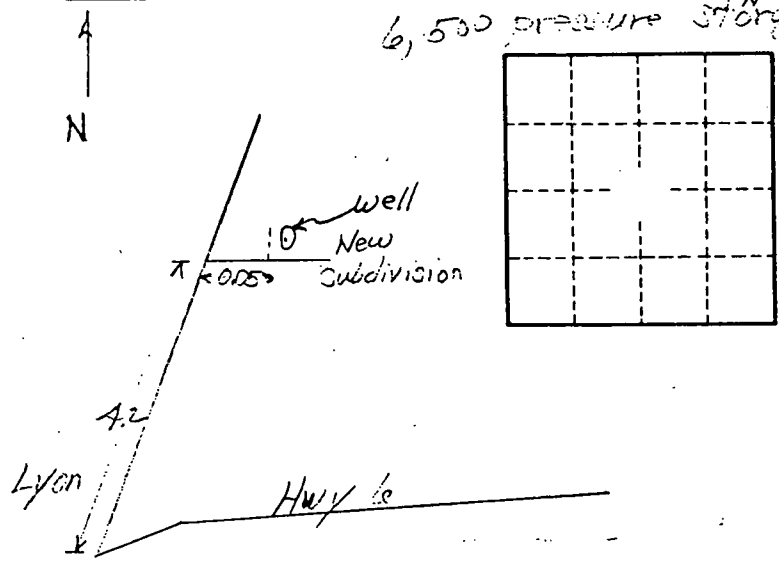
water level  
2-19-74 @ 1420  
2' below lsd  
72 cu ft

treatment: chlorine



Clarksdale

Water level, March 1972  
by driller, 7' below lsd



Description of formations encountered	From	To
Top soil + Gravel	0	35
Sand	35	120
Gravel	120	122
Sand	120	150
Sand + Blue clay	150	152
Sandy shale	180	340
Sand + Blue clay	240	300
Sandy shale	300	392
Clay + Sand	370	452
Sand	450	540
Sandy shale	540	620
Sand + clay	600	650
Clay	650	670
Sand + shale	670	672
Clay + Sandy shale	670	672
Sand with clay shales	670	672

COAHOMA Co  
F21  
No. # 21  
OP 09436

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201

**CODED**

WATER WELL DRILLERS LOG

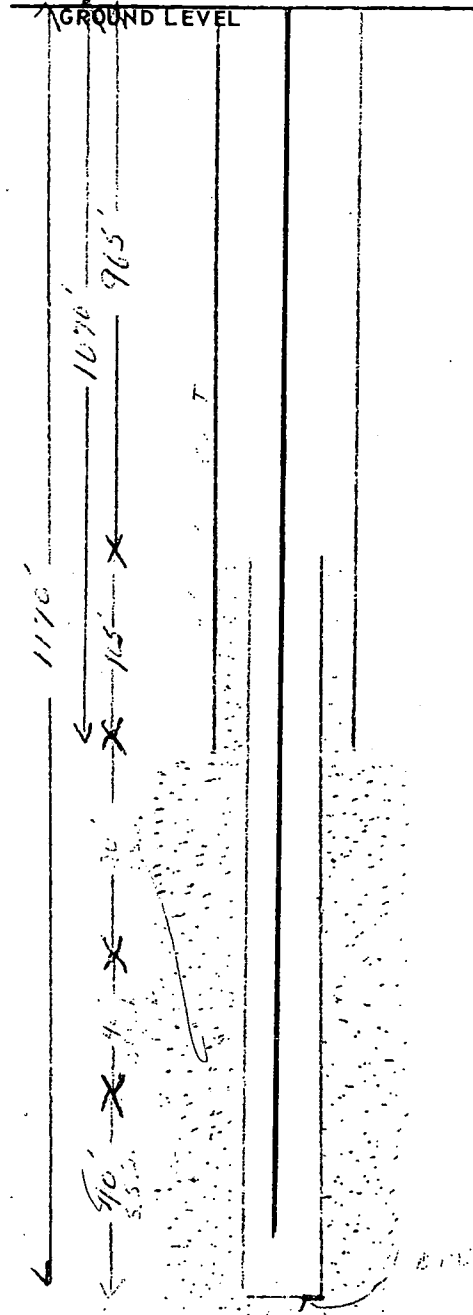
3/12 1923 date well completed  
ROBERT E. RATLIFF CO. INC. COAHOMA firm name  
COAHOMA county well located

LANDOWNER: GREEN ACRES WATER ASSOC. CLARKSDALE MISS. (mailing address)	description of formations encountered	from	to	
WELL LOCATION: sec. 28 T. 28(N) S R. 3 E (W) 5 miles North of CLARKSDALE (distance) (direction) (nearest town)	TOP SOIL + Gumbo	0	25	
	SAND	25	100	
	GRAVEL	100	120	
	SAND	120	150	
	SAND + BLUE CLAY	150	180	
	SANDY SHALE	180	240	
	SAND + BLUE CLAY	240	300	
	SANDY SHALE	300	390	
	CLAY + SAND	390	430	
	SAND	430	540	
WELL PURPOSE: INDUSTRIAL (home, irrigation, municipal, industrial)	SANDY SHALE	540	600	
	SAND + CLAY	600	750	
	CLAY	750	830	
	SAND + SHALE	830	870	
	CLAY + SANDY SHALE	870	1070	
	SAND WITH CLAY STRIPS	1070	1170	
WELL COMPLETION DATA: (1) diameter (inches) 8" x 4" (2) total depth (feet) 1170 (3) static water level (feet) 7' below top of ground. (4) casing Black T/c (material) 1070 (depth) 8" (size) If telescope see back. (5) screen 60' (length) 965' (depth to top) 4" Johnson 355- (size) (material) (6) pump 10 (HP) 125 (yield gpm) Electric (type power) (7) electric log YES (yes or no) Miss. Geo. Surv. (organization running log) (8) how well bottom plugged Back pressure valve				
DRILLERS REMARKS:				

**CODED**

APR 14 1923

If well telescopes please sketch and show depths.




SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION


If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: 6-11-97  
UNIT DEQ #: \_\_\_\_\_ FILE #: B061120A  
HEALTH DEPT. #: 140007-01 ELEV. 165  
USGS #: F-21 OLWR #: MS-GW-09436  
OWNER: Green Acres WA North  
LOCATION: SW, SW, NEs 28 T 28 N R 3 W COUNTY: Coahoma  
LOCATION DESCRIPTION: \_\_\_\_\_  
CASING DIA: 8" PUMP TYPE & SIZE: \_\_\_\_\_  
GPS FIELD LOCATION: LAT. 34 15 59.7 LONG. 90 31 07.4  
GPS CORRECTED LOCATION: LAT. 34 26 55.1 LONG. 90.51872089  
REMARKS: B061214A - 34 15 59.7 90 31 07.4  
coahoma Quad.  
\_\_\_\_\_  
\_\_\_\_\_

**RECEIVED**  
**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW**  
**FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

APR 29 1999

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES  
 P.O. BOX 10631, JACKSON, MISSISSIPPI 39288-0631; (601) 961-5202

This box is for office use only.

FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>10-24-89</u>	Expires: <u>6-22-2009</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>341554</u>	Long. <u>903109</u>	Elev. <u>165</u>	USGS No. <u>F21</u>
Quad. <u>Coahoma</u>	ASCS Farm No.	STAC.	MSDOH No. <u>140007-01</u>
Aquifer: <u>MUWX</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. GW-009436

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E  
 SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation  
 3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire-Protection 9) Livestock 10) Flood Protection 11) Other: \_\_\_\_\_

**SECTION A** (to be completed by ALL APPLICANTS)

LANDOWNER: GREEN ACRES WATER ASSOCIATION, INC. 64-0561883  
 (Name) (SSN or Tax ID No.)

POST OFFICE BOX 13  
 (Address)

MARKS MS 38646 (662 326 - 3322)  
 (City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

\_\_\_\_\_  
 (Name) (SSN or Tax ID No.)

\_\_\_\_\_  
 (Address)

\_\_\_\_\_  
 (City) (State & Zip) (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

SW 1/4 of the SW 1/4 of Section 28, Township 28N, Range 3W, County COAHOMA

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. GW-009435 Second well on system available for emergency tie-in; rated at 217 gpm

**SECTION B** (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MERIDIAN MISSISSIPPI DEPARTMENT OF HEALTH NO.: 140007

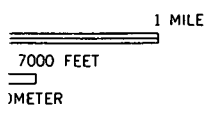
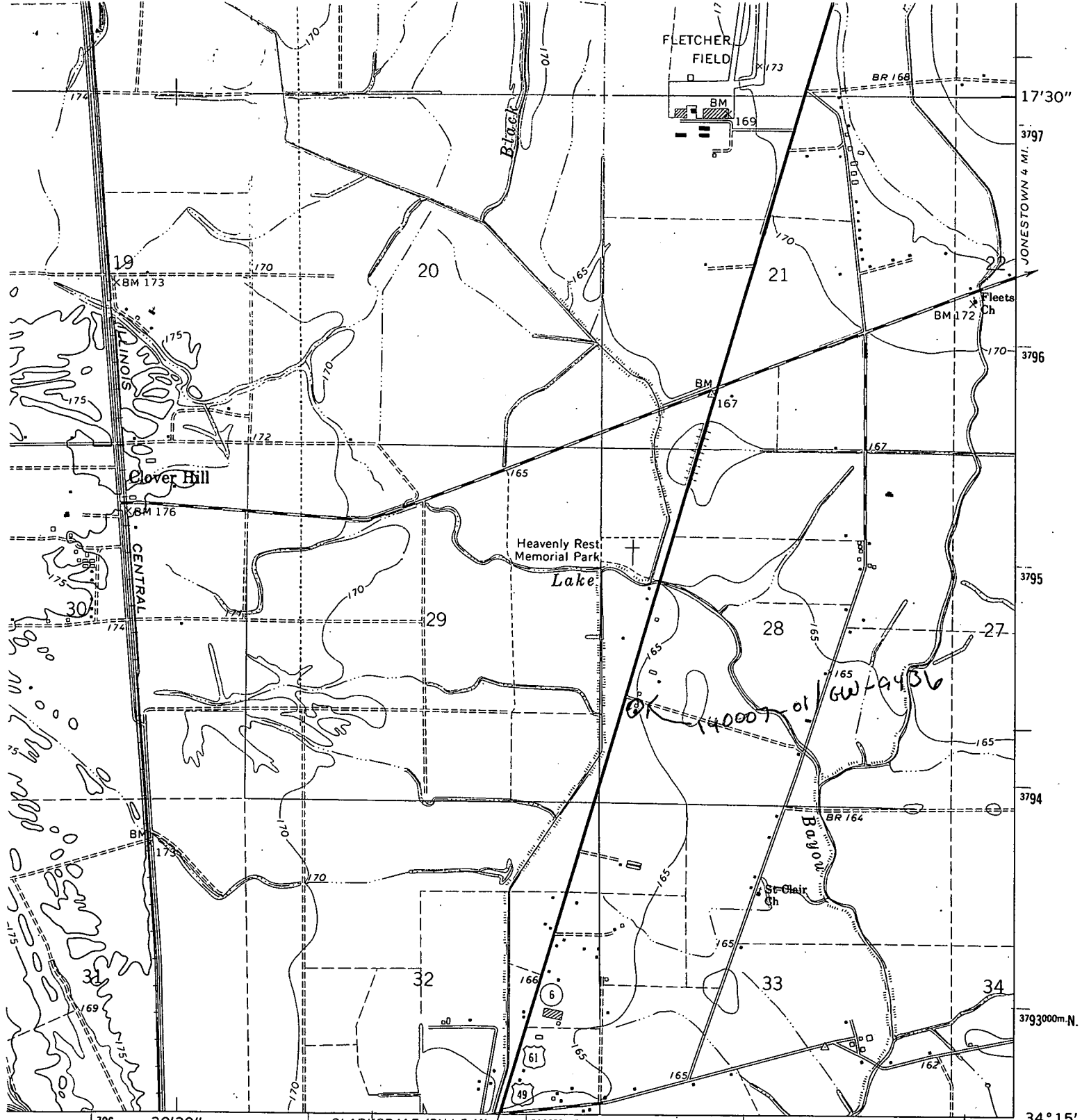
2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.  
 If well has already been drilled, when was well completed (date)? 3-12, 19 73. Under whose name was well originally drilled (if known)? \_\_\_\_\_

3. Description of proposed or completed well:  
 (a) DEPTH OF WELL: 1170 feet. DRILLER: ROBERT E. Raliff Co. INC.  
 (b) SURFACE CASING: Length 1070 feet; Diameter 8 inches; Type Steel  
 (c) SCREEN: Length 60 feet; Diameter 4" inches; Type JOHNSON SS  
 (d) PUMP: Type Layne; Size 10; Capacity 275 gallons per minute; Setting depth \_\_\_\_\_ feet  
 (e) POWER UNIT: Type ELGURIE; Size \_\_\_\_\_ horsepower

4. PERMITTED VOLUME :  
 (a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute  
 (b) 0.48 0.07 million gallons per day at a maximum rate of 275 321 gallons per minute

0.48 M<sup>3</sup> (CONTINUED ON BACK) 321  
5/4/99

*MAP sent*



ROAD CLASSIFICATION

- Heavy-duty —————
- Medium-duty - - - - -
- Light-duty —————
- Unimproved dirt - - - - -
- U. S. Route (shield symbol)
- State Route (circle symbol)

**COAHOMA, MISS.**  
 SE/4 FARRELL 15' QUADRANGLE  
 N3415—W9030/7.5

1964

AMS 2852 I SE—SERIES V843

TUTWILER 2552