GW0571S
DOH # 140005-02

A2

TRANSMITTED FOR ADP

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Recorded by GTO
Date 3/31/76

TRANSMITTED FOR ADP 12/77

Well No. A17
E-Log No. 26
County COAHOMA

Site ID 5 34273709028280 19 | R=0* | T= A * | 2=W*

Data reliab. 3=C * C U | Report. agency 4=USGS* | Dist. 6=28* | 7=28* | Co. 8=027 *

GEN. SITE DATA

Lat. Long./ 9=342737 * | 10=0902828 * | Well No. 12='A017' *

NW SW Location 13=SW NE S23 T30N R03W * | Alt. 16=180. *

Hyd. Unit(OWDC) 20= * | Date 21=03/31/1976 *

Well use 23=W * | Water Use 24=P * | Hole depth 27=1090. * | Well depth 28=1070. *

WL 30=12. * | Date 31=10/01/1976 * | Source 33=D *

Status 273 =Y *

OWNER

R=158* | T= A * | Date 159#10/01/1976 * | Owner No.

Owner 161=LULA *

FIELD OW

R=192* | T= A * | Date 193# / / * | Temp. 196#00010* | 197= . *

R=192* | T= A * | Date 193# / / * | Cond. 196#00095* | 197= . *

R=192* | T= A * | Date 193# / / * | pH 196#00400* | 197= . *

CONSTR.

R=58* | T= A * | 59# 1* | Date 60=10/01/1976 * | Remarks

Drlg. 63=330 * | Name Hendon | Method 65=H * | Finish 66=S *

CASING

R=76* | T= A * | 59#1*

Top csgn. 77# 0. * | Bot. csng. 78=1010. * | Diam. 79# 10. *

R=76* | T= A * | 59#1*

Top csng 77# 943. * | Bot. csgn. 78=1010. * | Diam. 79# 6. *

OPENINGS

R=82* | T= A * | 59#1* | Top 83# 1010. * | Bottom 84=1070. *

Type 85=S * | Diam. 87=6. * | Size 88= . *

R=82* | T= A * | 59#1* | Top 83# . * | Bottom 84= . *

Type 85= * | Diam. 87= . * | Size 88= . *

YIELD

R=146 * | T= A * | 147# 1 * | Q 150=300. * | Q/S 272= . *

134 flows 146 pumped

LIFT

R=42* | T= A * | Lift type 43# T * | Intake 44= * | Power type 45= E *

Date 38= 10/01/1976 * | H.P. 46= 25. *

LOGS

R=198* | T= A * | Log 199# D * | Top 200= 10. * | Bot 201= 1090. *

R=198* | T= A * | Log 199# E * | Top 200= 210. * | Bot 201= 1088. *

R=189* | T= A * | E Log No. 190# 026 * | 191= M I S S D I S T *

ANAL.

R=114* | T= A * | Year 115# * | Type 120= *

AQUIFERS

R=90* | T= A * | 256# 1 * | Top 91= 1005. * | Bot 92= 1075. *

Unit ID 93= 124MUWX * | Name of Unit

R=90* | T= A * | 256# 1 * | Top 91= * | Bot 92= *

Unit ID 93= * | Name of Unit

HYDRAULICS

R=98* | T= A * | 99# 1 * | Unit tested 100= *

R=105* | T= A * | 99# 1 * | Test No. 106# *

107= * | Transmissivity (gal/d)/ft

108= * | Hydraul. cond. (gal/d)/ft^2

110= * | Storage coeff. | Boundaries

Haley + Assoc.
Clarksdale, Ms.

80' pump setting
30' pumping level @ 300 gpm

description of formations encountered	from	to
Brown Clay	0	4
Brown Sand	4	10
Brown Clay	10	30
Sand	30	100
Gravel & Sand Mixed	100	190
Sand	190	205
Gray Clay	205	215
White Sand/Clay Streaks	215	231
Gray Blay	231	300
Sand Streaks	300	315
Clay	315	345
Sand	345	425p
Lignite	425	435
Sand	435	445
Lignite	445	455
White & Brown Clay	455	490
Sand	490	500
Lignite	500	504
Clay/Sand streaks	504	510
Tough Gumbo	510	530
Green Clay	530	620
Good Sand	620	660
Clay	660	670
Hard Rock	670	671
Clay	671	682
Rock	682	683
Clay	683	712
Sand	712	760
Brown Clay	760	880
Sand/Clay Streaks	880	900
Clay	900	930
Sand	930	950
Clay	950	1000
Sand	1000	1080
Clay	1080	1090

COAHOMA
A17
Elog #26
10-76
GW 05715

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

CODED

WATER WELL DRILLERS LOG

October 1976 — date well completed
19
Herndon Well & Supply, Inc. — firm name
Coahoma — county well located

LANDOWNER: Town of Lula
Lula, Mississippi
(mailing address)

WELL LOCATION:
sec. 23 T 30 N R 12 W

Inside (distance) miles - (direction) of Lula (nearest town)

WELL PURPOSE: Municipal
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 10 x 6
(2) total depth (feet) 1070
(3) static water level (feet) 12 below top of ground.
(4) casing Steel (material), 1010 (depth),
10 (size) If telescope see back.
(5) screen 60 (length), 1010 (depth to top)
6 (size), Stainless (material)
(6) pump 25 (HP) 305 (yield gpm)
Elec. (type power)
(7) electric log yes (yes or no)
USGS (organization running log)
(8) how well bottom plugged 6" BWV

DRILLERS REMARKS:

description of formations encountered	from	to
Brown Clay	0	4
Brown Sand	4	10
Brown Clay	10	30
Sand	30	100
Gravel & Sand Mixed	100	190
Sand	190	205
Gray Clay	205	215
White Sand/Clay Streaks	215	231
Gray Blay	231	300
Sand Streaks	300	315
Clay	315	345
Sand	345	425p
Lignite	425	435
Sand	435	445
Lignite	445	455
White & Brown Clay	455	490
Sand	490	500
Lignite	500	504
Clay/Sand streaks	504	510
Tough Gumbo	510	530
Green Clay	530	620
Good Sand	620	660
Clay	660	670
Hard Rock	670	671
Clay	671	682
Rock	682	683
Clay	683	712
Sand	712	760
Brown Clay	760	880
Sand/Clay Streaks	880	900
Clay	900	930
Sand	930	950
Clay	950	1000
Sand	1000	1080
Clay	1080	1090

CODED

RECEIVED
MAR 28 1977
COMM

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

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 1-27-98 AGN. FORM OLWR-AP-2 (REV. 9/94)

Issued: 1-13-88	Expires: 1-27-2008	Fee Paid: X	Permit No.
Lat. 34-27-33	Long. 90-28-29	Elev. 182	USGS No.
Quad. LULA	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: MUWX	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. 05715 GW-

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: Town of Lula (Name) 64-0636319 (SSN or Tax ID No.)

P. O. Box 326 (Address)

Lula, MS 38644-0326 (City) (State & Zip) (601) 337-4579 (Telephone No.)

RECEIVED
OCT 27 1997
Dept. of Environmental Quality
Office of Land & Water Resources

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

_____ (Name) _____ (SSN or Tax ID No.)

MAP sent

_____ (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 NE 1/4 of Section 23, Township 30N, 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. Two other wells

SECTION B (to be completed for GROUNDWATER SOURCE)

1. **AQUIFER:** ~~Alluvial~~ MERIDIAN-UPPER WILCOX **MISSISSIPPI DEPARTMENT OF HEALTH NO.:** 014005 - 02
2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____. If well has already been drilled, when was well completed (date)? 9-20-76, 19____. Under whose name was well originally drilled (if known)? _____
3. Description of proposed or completed well:
   (a) DEPTH OF WELL: 1080 feet. DRILLER: Herndon Well & Supply Co., Inc.
   (b) SURFACE CASING: Length 1010 feet; Diameter 8" inches; Type Steel
   (c) SCREEN: Length 60 feet; Diameter 6" inches; Type Stainless Steel
   (d) PUMP: Type MCA Jacuzzi Size 8"; Capacity 300 gallons per minute; Setting depth 80 feet
   (e) POWER UNIT: Type Electric; Size 35 horsepower
4. **PERMITTED VOLUME:**
   (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
   (b) 0.06 million gallons per day at a maximum rate of 300 gallons per minute

0.32 BB 12-11-97 300

(CONTINUED ON BACK)

SECTION C (to be completed for SURFACE WATER SOURCE)

1. Source of water is from _____ which drains into _____
   which drains into _____
   (major stream or river)
2. Discription of pump/diversion works:
   Pump (size & type): _____ Power Unit (size & type): _____
   Lift: _____feet Maximum capacity: _____gallons per minute
3. _____acre-feet per year at a maximum rate of _____gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS {DAMS} on continuously flowing streams)

1. Name of storage reservoir: _____ Dam Height: _____feet
2. Surface area at normal pool: _____ Storage capacity at normal pool: _____acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. **IRRIGATION**: List the number of acres of each crop to be irrigated: Rice_____; Cotton_____; Oats_____;
   Corn_____; Soybeans_____; Pasture_____; Truck_____; Wheat_____; Grain Sorgum_____;
   Other (specify)_____Acres_____
   A. Method of Irrigation (circle one) - **Center Pivot** **Flood** **Furrow**
   B. Land Condition (circle one) - **Precision Land Formed** **Smoothed**
   C. ASCS Farm No._____ **Tract No.**_____
2. **FISH CULTURE**: Explain how water will be used: _____
   How often will reservoir (s) be emptied and refilled? _____
3. **MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
   Chose "a" or "b". (a) The number of people served is 965 or (b) The number of connections is ~ 400
   What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years? _____ (Volume) _____ (Year); _____ (Volume) _____ (Year); _____ (Volume) _____ (Year); _____ (Volume) _____ (Year)
4. **INDUSTRIAL** : If the water is to be released into a watercourse, indicate the amount released each year _____;
   Rate of release _____; NPDES Permit No. _____
   Explain any changes in quality of water to be released: _____
   Explain how water will be used: _____
   How much groundwater will be used for once-through non-contact cooling? _____
5. **RECREATION**: Explain how water will be used: _____
6. **OTHER USE**: Explain in detail (if needed, attach another page): _____
7. **REMARKS**: _____

List below the person to be contacted for additional information if required.

James A. Mitchell, Jr.
(Name)

P. O. Box 67
(Address)

Lula, MS 38644
(City, State, Zip)

601-337-2381
(Telephone)

The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The **TEN DOLLAR ($10.00) permit fee** is enclosed herewith.

James A. Mitchell Jr.
(Signature)

Subscribed and sworn to before me this 21st day of Oct., 1997, at Lula County of Coahoma

My Commission Expires December 5, 1998.

My commission expires _____; Joyce B. Dean Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: _____

UNIT DEQ #: _____ FILE #: BOS0714A

HEALTH DEPT. #: 140005-02 ELEV. 175

USGS #: A-17 OLWR #: MS-GW-05715

OWNER: Town of Lula

LOCATION: SW, SW, SE S 23 T 30N R 03W COUNTY: Coahoma

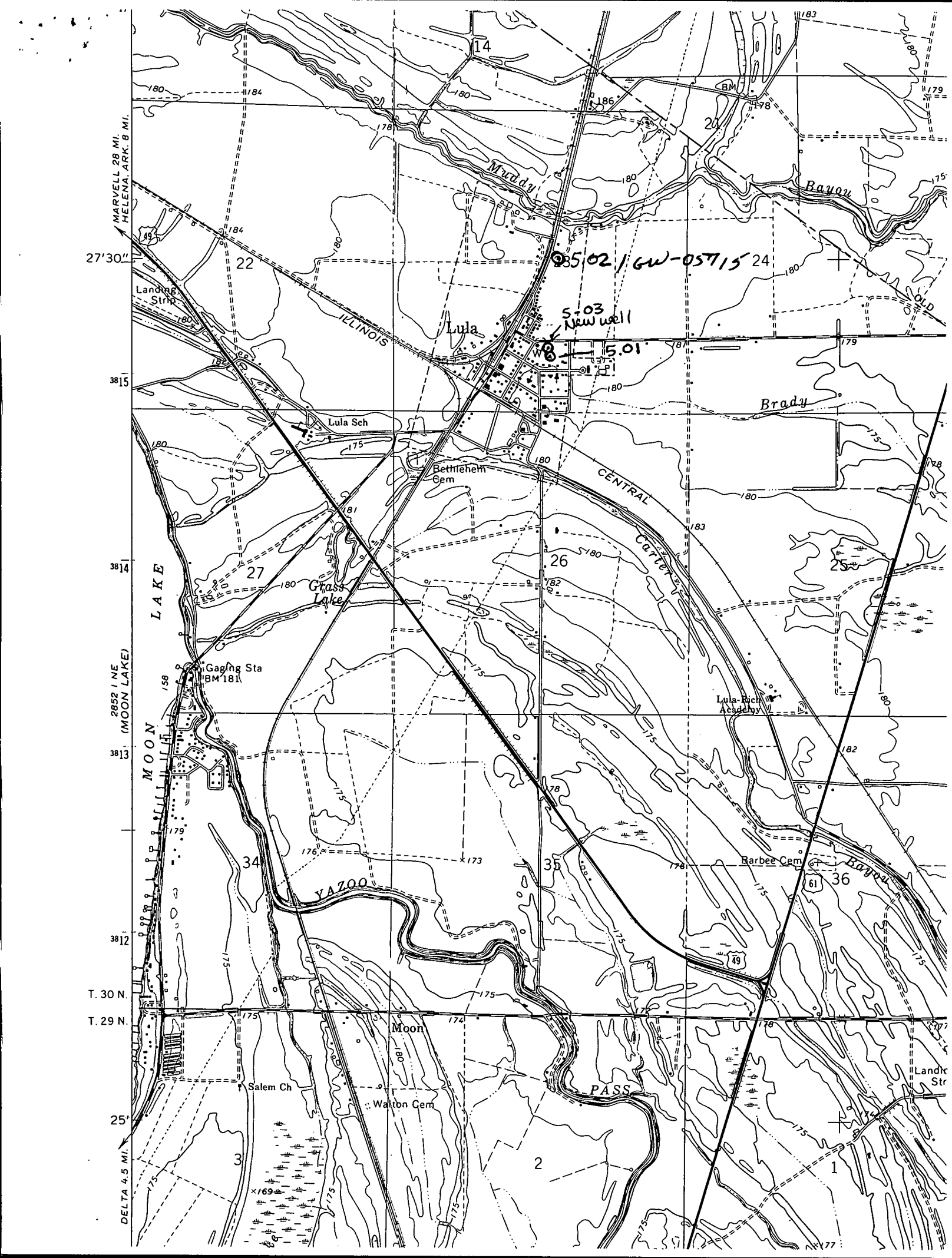
LOCATION DESCRIPTION: Corner of Front + Park St adj to RR

CASING DIA: 10" PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 34 27 34.1 LONG. 90 28 29.1

GPS CORRECTED LOCATION: LAT. 34.459467 LONG. 90.47478817

REMARKS: Lula Quad


MARVELL 28 MI.
HELENA, ARK. 8 MI.
27'30"
Landing Strip
ILLINOIS
Muddy
Bayou
Lula
S-03 New well
S-01
Brady
Lula Sch
Bethlehem Cem
CENTRAL
Carter
LAKE
Grass Lake
Gaging Sta
BM 181
MOON
2852 I NE (MOON LAKE)
Lula-Rich Academy
Barbee Cem
YAZOO
Moon
PASS
Salem Ch
Walton Cem
T. 30 N.
T. 29 N.
DELTA 4.5 MI.
3815
3814
3813
3812
25'
14
20
22
24
27
26
25
34
35
36
3
2
1