

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PE. Grantham Source of data Driv. + E Log Date 2-6-58 Map Marks. Miss

State Mississippi County (or town) Coahoma 1, 4

Latitude: 34 27 15 N Longitude: 090 28 31 W Sequential number: 1

Lat-long accuracy: 20 T. 30 S. R. 3 W. Sec 23 NE SE SW

Local well number: A 008 C D 23 30 N 03 W Other number: _____ B & M

Local use: 064010 274 98 Owner or name: Town of Lula

Owner or name: LULA Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) 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 70 Freq. W/L meas.: 71 Field aquifer char. 72 Z

Hyd. lab. data: _____ 73

Qual. water data; type: _____ 74 C

Freq. sampling: _____ Pumpage inventory: 75 0 yes no, period: _____ 76

Aperture cards: _____ yes 77

Log data: E. Log 10 1071 78 79 D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 1063 Meas. rept accuracy 24 3

Depth cased: (first perf.) _____ ft 999 Casing type: steel Diam. 10.6 in 29 30

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other 31 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other 32 H

Date Drilled: 762 Pump intake setting: _____ ft 36 38

Driller: Layne Central Co. Memphis, Tenn.

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other 39 Deep 40 7 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 15 Trans. or meter no. 41 11

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

Alt. LSD: 180 180 Accuracy: (source) 5' 47 3

Water Level _____ ft above below MP; Ft. below LSD 6 Accuracy: _____ 52 0

Date meas: 069 Yield: _____ gpm 225 Method determined 61 1

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hr 66 68

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____ 72

Sp. Conduct 220 K x 10⁶ 2 Temp. 72 °F 220 Date sampled 371 77 79

Taste, color, etc. _____

WAG
NOV 20 1974

WL Data
WL = 9.80 (1979)
11/25/58
WL = 12.15

FUNCTIONAL PERMITS
ROLLA CO. MISSOURI DIVISION

Well No.

A8

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY COAHOMA

Lula Quod
U.S.G.S. E-105 #10

WELL OWNER Lula

CHECKED

U.S.G.S. NO. A-8

10/12/94

B.O.H. NO 0140005-01

10/12/94

OLWR NO. _____

LOCATION:

MAP NE, SE, SW S 23, T 30 N, R 3 W

10/12/94

GPS _____

ELEV. (MSL) 180'

10/12/94

W.L. (L.S.) (1) - 10.70'

10/12/94

(2) - 10.55'

10/12/94

HEAD (MSL) + 169.45'

10/12/94

SCREENED INTERVAL 999-1,063 (LS) / - 819' - - 883' (MSL)

10/12/94

AQUIFER VERIFIED Meridian - Upper Wilcox

10/12/94

PREVIOUS W.L. -12.15' (1988) / -9.80' (1979) - 6 (1968)

10/12/94

DATA ENTERED _____

ELOG # 10

Coahoma.
A8
10-2-68
CO 5714

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

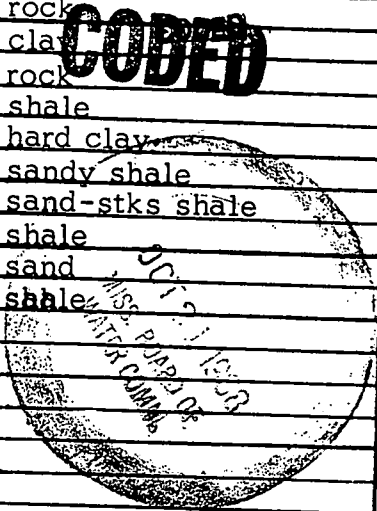
WATER WELL DRILLERS LOG

10-2-19 68 Layne-Central Company Coahoma
date well completed firm name county well located

LANDOWNER: Town of Lula
Lula, Mississippi
(mailing address)
WELL LOCATION:
sec. 23 T. 30N ✓ R. 2 E ✓
S W
(distance) miles (direction) of (nearest town)

WELL PURPOSE: municipal
(home, irrigation, municipal, industrial)
WELL COMPLETION DATA:
(1) diameter (inches) 10"
(2) total depth (feet) 1069'
(3) static water level (feet) 6' 5" below top of ground. ~~XXXX~~
(4) casing steel 356' (material) (depth) 10" (size) If telescope see back.
(5) screen 63' 6" 998' 8" (length) (depth to top) 10" & 6" wire wrapped s.s. (size) (material)
(6) pump 15 200 (HP) (yield gpm) Electric (type power)
(7) electric log (yes or no) (organization running log)
(8) how well bottom plugged

description of formations encountered	from	to
Clay	16	16
fine gray sand	68	52
sand	98	30
coarse sand-pea gravel	112	14
coarse sand-gravel	167	55
sandy clay	173	6
sand	187	14
sand-clay stks	242	55
sandy clay-stks sand	280	38
sand	341	141
clay	371	30
sand-stks shale	411	40
shale	472	61
sandy shale	490	18
shale	524	34
sandy shale	564	40
sandy shale-stks sand	578	14
sand	650	72
shale	653	3
rock	655	2
clay	668	13
rock	670	2
clay	700	30
rock	701	1
shale	823	122
hard clay	956	133
sandy shale	986	30
sand-stks shale	1009	23
shale	1013	4
sand	1068	55
shale	1069	1



DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: _____
UNIT DEQ #: _____ FILE #: B050715 B
HEALTH DEPT. #: 140005-01 ELEV. 180
USGS #: A-08 OLWR #: MS-GW-05714
OWNER: Town of Lula
LOCATION: NW, SW, SE S 23 T 30 N R 03 W COUNTY: Coahoma
LOCATION DESCRIPTION: On 4th St across from New Housing Proj
CASING DIA: 10" PUMP TYPE & SIZE: _____
GPS FIELD LOCATION: LAT. 34 27 13.8 LONG. 90 28 32.7
GPS CORRECTED LOCATION: LAT. 34.453849 LONG. 90.47576715
REMARKS: Lula Quad
Wells 01 + 02 will be abandoned.

**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: <u>1-12-88</u>	Expires: <u>1-27-2008</u>	Fee Paid: <u>Y 30</u>	Permit No.
Lat. <u>34-27-14</u>	Long. <u>90-28-34</u>	Elev. <u>28183</u>	USGS No.
Quad. <u>LULA</u>	ASCS Farm No.	STAC. <u>06</u>	MSDOH No.
Aquifer:	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT ~~RENEWAL~~ PERMIT NO. 05714

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E GW-

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) 64-063319 (SSN or Tax ID No.)

P. O. Box 326 (Address)

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

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



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

OCT 27 1997

(Address) _____

Dept. of Environmental Quality
Office of Land & Water Resources
(City) _____ (State & Zip) _____ (Telephone) _____

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):
SE SW 1/4 of the SW SE 1/4 of Section 23, Township 30 N, 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. 2 other wells

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MERIDIAN UPPER WILCOX
Alluvial MISSISSIPPI DEPARTMENT OF HEALTH NO.: 0140005 - 01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____
If well has already been drilled, when was well completed (date)? 10-2-68, 19____ Under whose name was well originally drilled (if known)? Town of Lula

3. Description of proposed or completed well:
(a) DEPTH OF WELL: 1069 feet. DRILLER: Layne Central Co.
(b) SURFACE CASING: Length, 356, 677 feet; Diameter 10" 6" inches; Type Steel
(c) SCREEN: Length 53-6 feet; Diameter 6 inches; Type Stainless Steel Wrapped
(d) PUMP: Type PRHC 8"; Size 8"; Capacity 200 gallons per minute; Setting depth 70 feet
(e) POWER UNIT: Type Electric; Size 25 horsepower

4. PERMITTED VOLUME :
(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
(b) 0.0 million gallons per day at a maximum rate of 200 gallons per minute
0.0 BB (CONTINUED ON BACK) 200

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. Description 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 Sorghum _____; 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:** STAND BY

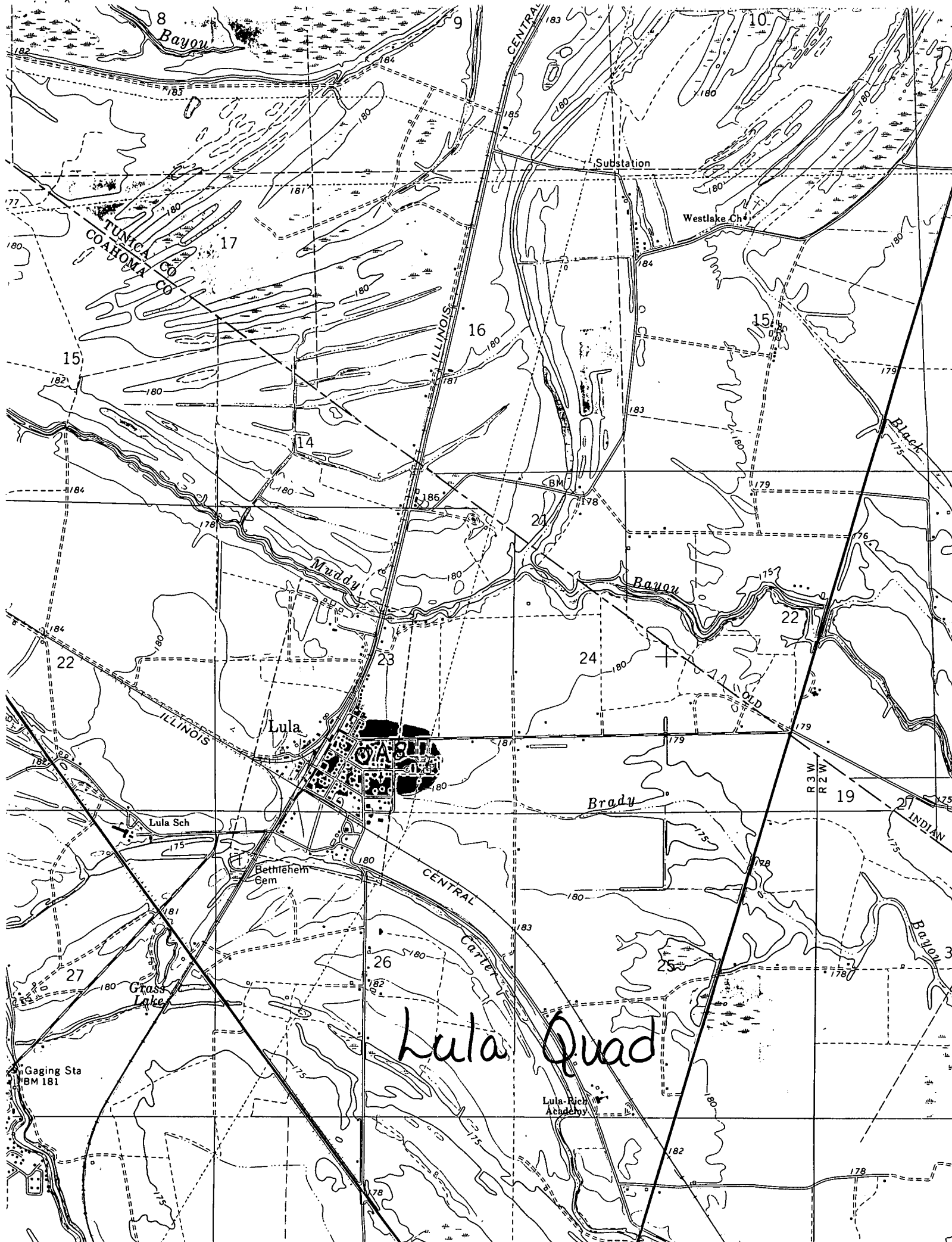
List below the person to be contacted for additional information if required.

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 _____; Lena G. Dean Notary Public.



8 Bayou

CENTRAL

Substation

Westlake Ch

TUNICA CO
COAHOMA CO

ILLINOIS

Black

Muddy

Bayou

Lula

LULA

Lula Sch

Bethlehem
Cem

Brady

CENTRAL

Lula Quad

Lula-Rica
Academy

Gaging Sta
BM 181

Grass
Lake

Bayou

INDIAN

30