

OK

G.W00887
DOH # 0210003-02

TRANSMITTED FOR ADP
YBS

334D

1/81 WTO
Recorded by WTO
Date 1/7/84

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

Well No. N44
E-Log No. 71
County Greene

McLain Quad

Site ID 310505088485801 R=0* T=A* 2=W*

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=041*

Lat. 9=310505* Long. 10=0884858* Well No. 12=N044*

Location 13=SE SW s 32 T 0 2 N R 0 8 W* Alt. 16=75.*

Hyd. Unit (OWDC) 20= Date 21=12/15/1970*

Well use 23=W* Water Use 24=P* Hole depth 27=251.* Well depth 28=180.*

WL 30=27.* Date 31=12/22/1981* Source 33=S*

Status 273= Project No. 5=

R=158* T=A* Date 159# 12/20/1970* Owner No. 161# MCLAIN

OWNER

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=

R=58* T=A* 59#1* Date 60=12/20/1970* Remarks

CONSTR. Drlg. 63=184* Name Eriner Drlg. Method 65=H* Finish 66=G*

R=76* T=A* 59#1* Top csng. 77# 0.* Bot. csng. 78=130.* Diam. 79# 12.*

R=76* T=A* 59#1* Top csng. 77# 100.* Bot. csng. 78=140.* Diam. 79# 8.*

CASING

R=82* T=A* 59#1* Top 83# 140.* Bottom 84=180.*

OPENINGS Type 85=S* Diam. 87=8.* 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=175.* Q/S 272=

134 flows 146 pumped

LIFT

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

Date 38= 12/20/1970* H.P. 46= 15.0*

LOGS

R=198* T= A * Log 199# E* Top 200= 110.0* Bot 201= 251.0*

R=198* T= A * Log 199# * Top 200= * Bot 201= *

R=189* T= A * E Log No. 190# 071* 191- M I S S I S S I P I

ANAL.

R=114* T= A * Year 115# * 117# * 120# *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 100.0* Bot 92= 185.0*

Unit ID 93= 122 MFCN * 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= * 103= *

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

107= * Transmissivity (gal/d)/ft

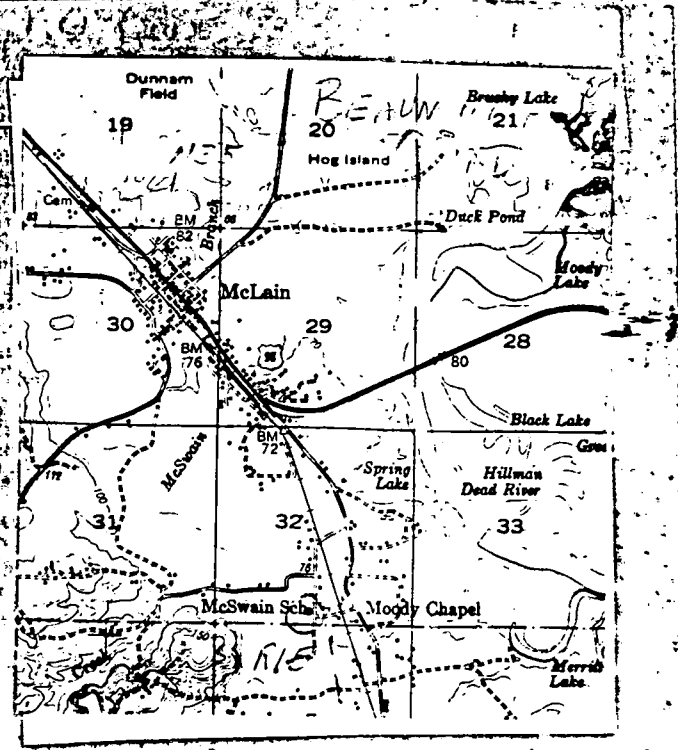
108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# * Network 258 # *

Water Level Data Collection (1)

WL = 2' (1970)



This is in N grid →

E LOG # 71

GREENE
R15 N-414
3-71

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

CODED

WATER WELL DRILLERS LOG

date well completed MARCH 19 71 firm name GRINER Drilling Service county well located Greene

LANDOWNER: Town of McHain
Well # 2
 (mailing address)

description of formations encountered	from	to
Top Soil	0	2
Clay	2	41
SAND	41	56
Clay	56	100
SAND	100	186
Clay	186	25

WELL LOCATION:
 sec. 8 T. 10 N. R. 8 E.
32 2 S. 8 W. W
 (distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 12x6

(2) total depth (feet) 130'

(3) static water level (feet) - 2 below top of ground.

(4) casing Steel, 132' (material), (depth)
12 3/4" (size) if telescope see back.

(5) screen 40', 140' (length), (depth to top)
8 5/8", 304 S.S. (size), (material)

(6) pump 15, 175 (HP), (yield gpm)
Elec. (type power)

(7) electric log yes (yes or no)
M.E.S. (organization running log)

(8) how well bottom plugged Back
Wash Valve

CODED

DRILLERS REMARKS:

MISS. ED
 WATER

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

RECEIVED

AUG 15 1995

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.

12-19-95 AGN.

Office of Environmental Quality
 Office of Land & Water Resources
 FORM OLWR-AP-2 (REV. 9/94)

Issued: 1-14-86	Expires: 1-14-2006	Fee Paid: X	Permit No.
Lat. 310-K.0509	Long. 880-K.4857	Elev. 75	USGS No. R15
Quad. McLain	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: MOCN	Tract No.		Basin No. 03170005
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW 00887

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 McLain 065-0698
 (Name) (SSN or Tax ID No.)
P. O. Box 5
 (Address)
McLain, MS 39456 (601) 753 - 2205
 (City) (State & Zip) (Telephone No.)

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

n/a
 (Name) (SSN or Tax ID No.)
 (Address)
 (City) (State & Zip) (Telephone)

city map sent

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

SE 1/4 of the SW 1/4 of Section 05 32, Township 1N, Range 8W, County Greene

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. _____

SECTION B (to be completed for GROUNDWATER SOURCE)

- AQUIFER: Unknown MISSISSIPPI DEPARTMENT OF HEALTH NO.: 210003
- Proposed work will begin on n/a, 19____, and will be completed by _____, 19____.
 If well has already been drilled, when was well completed (date)? March, 19 71. Under whose name was well originally drilled (if known)? Unknown if different than landowner
- Description of proposed or completed well:
 - DEPTH OF WELL: 180 feet. DRILLER: Griner Drilling Service Inc.
 - SURFACE CASING: Length 132' feet; Diameter 12 inches; Type Steel
 - SCREEN: Length 40' feet; Diameter 8 5/8 inches; Type Stainless Steel
 - PUMP: Type Turbine; Size 15HP; Capacity 175 gallons per minute; Setting depth 106.5 feet
 - POWER UNIT: Type _____; Size _____ horsepower
- PERMITTED VOLUME :
 - _____ acre-feet per year at a maximum rate of _____ gallons per minute
 - 60,000 0.05 million gallons per day at a maximum rate of 175 gallons per minute

(CONTINUED ON BACK)

no changes

SECTION C (to be completed for SURFACE WATER SOURCE)

- Source of water is from n/a which drains into _____
which drains into _____
(major stream or river)
- Description of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
- _____ 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)

- Name of storage reservoir: n/a Dam Height: _____ feet
- 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)

- 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. _____
- FISH CULTURE:** Explain how water will be used: _____
How often will reservoir (s) be emptied and refilled? _____
- MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
Chose "a" or "b". (a) The number of people served is 663 or (b) The number of connections is 225
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?

<u>70,000</u>	<u>2000</u>	<u>75,000</u>	<u>2005</u>	<u>80,000</u>	<u>2010</u>	<u>85,000</u>	<u>2015</u>
(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)
- INDUSTRIAL:** If the water is to be released into a watercourse, indicate the amount released each year _____
Rate of release n/a; 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? _____
- RECREATION:** Explain how water will be used: n/a
- OTHER USE:** Explain in detail (if needed, attach another page): n/a
- REMARKS:** _____

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

L. A. Cooley, Mayor
(Name)
P. O. Box 5
(Address)
McLain, MS 39456
(City, State, Zip)
601-753-2205
(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.

L. A. Cooley
(Signature)

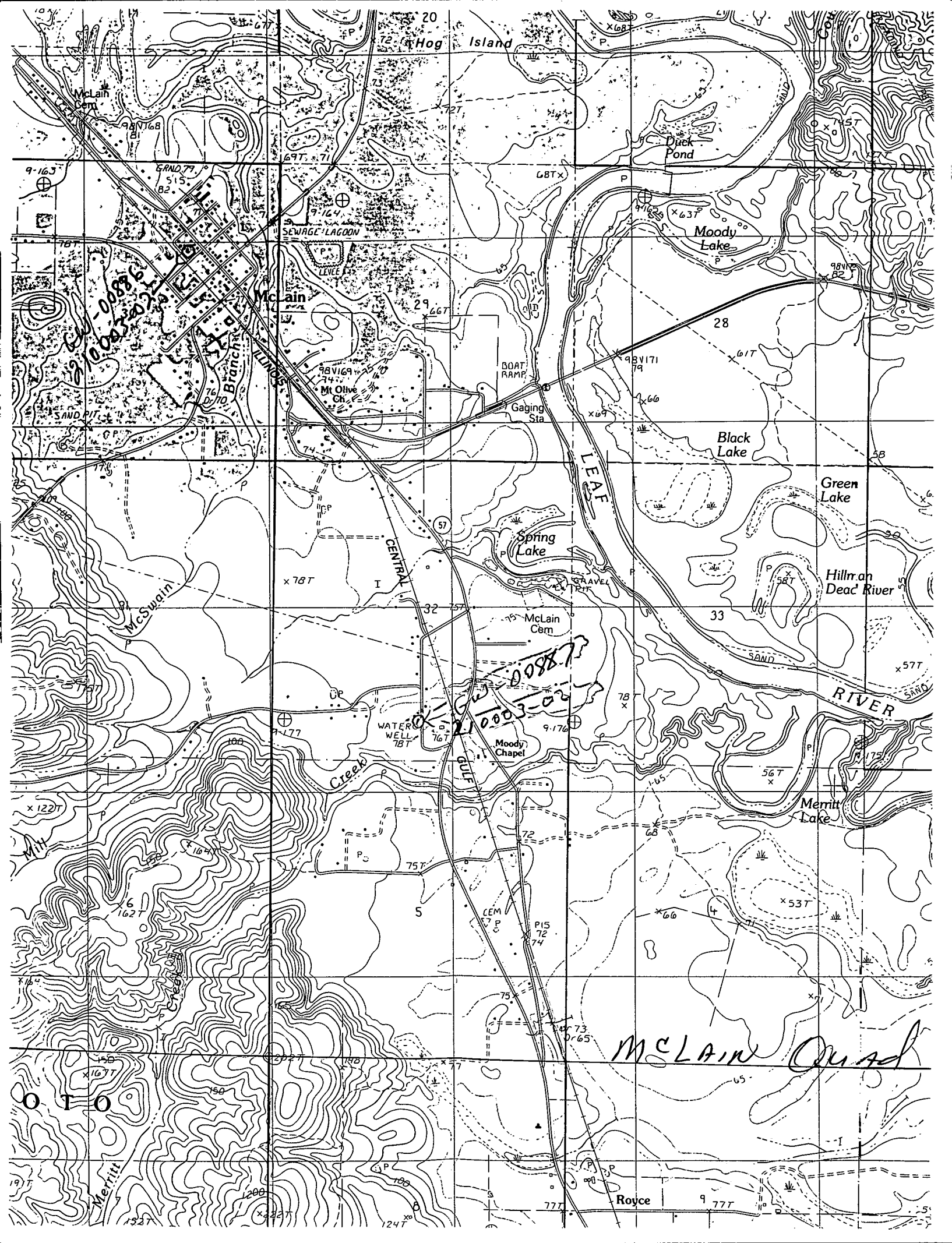
Subscribed and sworn to before me this 14 day of August, 1995, at Greene County of McLain, MS

My commission expires _____ Shemi Benley Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): EVERETT-FREEMAN DATE: 6/22/98
UNIT DEQ #: _____ FILE #: A0622 17A
HEALTH DEPT. #: 210003-02 ELEV. 78.
USGS #: N44 ~~A-15~~ OLWR #: GW-887
OWNER: CITY OF MSLAIN
LOCATION: ^{SE}SE SW S 32 T 2 N R 8 W COUNTY: GREEN
LOCATION DESCRIPTION: ON INDUSTRIAL DR., OFF HWY. 57
SOUTH OF MSLAIN
CASING DIA: _____ PUMP TYPE & SIZE: TURBINE
GPS FIELD LOCATION: LAT. 31° 05.168' LONG. 88° 48.938
GPS CORRECTED LOCATION: LAT. 31.086107 LONG. 88.815704
REMARKS: MSLAIN QUAD



Hog Island

Duck Pond

Moody Lake

McLain

SEWAGE LAGOON

BOAT RAMP

Gaging Sta

Black Lake

Green Lake

Spring Lake

Hillman Dead River

McSwain

McLain Cem

RIVER

Water Well

Moody Chapel

Merritt Lake

McLain Quad

O T O

Royce