

Coded By Q 8/94  
 Checked By 12-13-94  
 Entered By 12/94  
 Date

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 63  
 County NEWTON  
 Agency

Well No. N22  
 Lake Quad  
 GW 14534

WELL RECORD

Agency Code: U1S1G1S1 Site Id: 13211751010891145810111 Project No.: 54

Station Name: 12-NO 22 LADY FOREST FARM Latitude: 9-321175101 Longitude: 10-0189144581

Lac/Long Ac.: 11-501M Dist: 6-29 State: 7-29 County: NEW Land Net: 13-SMSW1S1021T01S1R1101E1

Location Map: 14-NEWTON Altitude: 16-485 Mec/Meas: 17-A L Accuracy: 18-1101 Hydrologic Unit: 20-031171010111

Agency Use: 803-A Date Inventoried: 711 Station Type: 4 Data Type: 804

Instru.: 905 Remarks: 806 Relia.: 3-C L M U 2-H

Date of Construction: 21-07/07/11994 Well Use: 23-W Water Use: 24-N Primary Resifer: 714-24SPRT Hole Death: 27-12521

Well Depth: 29-549 Water Level: 30-1916 Water Level Date: 31-11/22/11994 Method: 34 Status: 37 Source: 33-D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date: 60-07/10/11994 Contractor: 63-1814 Name: Griner Method: 65-H Finish: 66-G

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
<u>76</u>	<u>A</u>	<u>725#1</u> <u>59#1</u>	<u>77</u> <u>101</u>	<u>78</u> <u>500</u> <u>79</u> <u>101</u>
<u>76</u>	<u>A</u>	<u>725#2</u> <u>59#1</u>	<u>77</u>	<u>78</u> <u>79</u>

CONSTRUCTION OPENINGS DATA

R	T	Top/Death	Bot/Death	Diameter	Type	Length	Width
<u>82</u>	<u>A</u>	<u>726#1</u> <u>59#1</u>	<u>83</u> <u>549</u>	<u>84</u> <u>549</u>	<u>87</u> <u>161</u>	<u>85</u> <u>S</u>	<u>89</u> <u>111</u> <u>88</u> <u>1920</u>
<u>82</u>	<u>A</u>	<u>726#2</u> <u>59#1</u>	<u>83</u>	<u>84</u>	<u>87</u>	<u>85</u>	<u>89</u> <u>111</u> <u>88</u>

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type: 43-T Date: 38-11/22/11994 Intake: 44-1255

Power: 45-E H.P.: 46-1401 Serial No.: 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 159-07/10/11994 Owner Name: 161-LADY FOREST FARM

MISCELLANEOUS OTHER ID DATA

E-Log No.: 100 Assigner: 191-MISSISSIPPI

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934     /     /	Aquifer Sampled 1954	Temp 196400010	Value 1974
R=192	T=A	738#2	Date of Measurement 1934     /     /	Aquifer Sampled 1954	So Cond 196400095	Value 1974
R=192	T=A	738#3	Date of Measurement 1934     /     /	Aquifer Sampled 1954	pH 196400400	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Tvae 1994#E	Sec. Depth 2004   1501	End Depth 2014   1252
R=198	T=A	739#1	Log Tvae 1994#D	Sec. Depth 2004   1101	End Depth 2014   2511

MISCELLANEOUS NETWORK DATA *706 = QW WL WD \**

R=114	T=A	730#1	Sec. Year 1154   4	End Year 1164   4	Agency Source 120-A	Freq. 117#	118#
R=121	T=A	730#2	Sec. Year 1154   4	End Year 1164   4	Agency Source 117#	Freq. 118#	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 1844     /     /	Remarks 1854
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 1484   11 / 22 / 1199#H	Tvae 703#P	Discharge 1504   250	So. Capacity 2724
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 914   435	Depth Bot. 924   610	Unit Id 934   124   SPRT1	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 1004	1034
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*22' dd @ 250 gpm  
(8 hrs.)*

*(No well made little sand)*

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Sand	0	42
Clay	42	230
Sand	230	278
Clay	278	435
Sand	435	600
Clay	600	950
Clay w/ sand streaks	950	1251

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Newton</b>		PERMIT NUMBER
WELL NUMBER <b>N 22</b>	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <b>Griner Drilling</b>
DATE WELL COMPLETED <b>11-22-94</b>		<b>Service, Inc.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Lady Forest Farms</b>			
<b>P.O. Box D</b>			
<b>Forest, MS 39074</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>2</b>	<b>5</b>	<b>[N] 10 [E]</b> <b>S W</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>2</b> Miles	<b>south</b>	of <b>Lawrence</b>	
OTHER LANDMARK <b>on Highway 505</b>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Industrial</b>			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): Submersible, <input checked="" type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____ H/P <b>40</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>250</b>	<b>14</b>	<b>255 FT.</b>
PUMP TEST		
Well yielded <b>250</b> GPM with a drawdown of <b>22.04</b> ft. after <b>8</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth	Casing Diameter (In.)	Casing Length (Fl.)
<b>549</b>	<b>10</b>	<b>500</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>steel</b>	<b>1251</b>	<b>196</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <b>500 FEET</b> Type Grout (circle one): Cement, Bentonite, or Mix <input type="checkbox"/>		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric, <input checked="" type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log <b>Griner Drilling Service, Inc.</b>	

<b>SCREEN DATA</b>		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>6</b>	<b>40</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>stainless rod base</b>	<b>549</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>spotted 100 sacks of</b> <b>A + 8% gel at 1250 feet</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Sand</b>	<b>0</b>	<b>42</b>			
<b>Clay</b>	<b>42</b>	<b>230</b>			
<b>Sand</b>	<b>230</b>	<b>278</b>			
<b>Clay</b>	<b>278</b>	<b>435</b>			
<b>Sand</b>	<b>435</b>	<b>600</b>			
<b>Clay</b>	<b>600</b>	<b>950</b>			
<b>Clay w/ sand streaks</b>	<b>950</b>	<b>1251</b>			

**RECEIVED**

**NOV 23 1994**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK



Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-14534

County: NEWTON

Owner: LADY FOREST FARMS, INC.

Aquifer: SPRT

USGS No: N0022

BOH No: N/A

Location: SW 1/4 of the SW 1/4 of SEC 02 TWN 05N RNG 10E Lat: 321758 Long: 891500

Quad: LAKE

District: N/A

Date Issued: 12-JAN-93

Date Renewed: 09-FEB-04

Date Expired: 09-FEB-14

Applicant: LADY FOREST FARMS, INC.

Owner: LADY FOREST FARMS, INC.

Address 1: P. O. BOX D

Address 1: P. O. BOX D

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: FOREST

City: FOREST

State: MS Zip: 39074

State: MS Zip: 39074

Driller: GRINER DRILLING SERVICE, INC

Maximum Rate: 250

Amount Withdrawn Acre feet: 89.6255

Amount Withdrawn Mgd: .08

PIC 0149

32.29957

89.25084

Use

LIVESTOCK

Casing

Type: STEEL

Diameter: 10

Length: 500

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 40

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-  
PUBLIC SUPPLY WELLS PROJECT**

**GPS LOG**

USER NAME (S):                      DATE 9-22-2004

UNIT DEQ #: \_\_\_\_\_ FILE #: \_\_\_\_\_

HEALTH DEPT.                      ELEVATION:

USGS #: N22                      GW-14534

OWNER LADY FOREST FARMS                      QUAD: LAKE

LOCATION:      S 2      T 5N      R 10E      COUNTY NEWTON

LOCATION DESCRIPTION:      CONTACT SUPERVISOR

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CASING DIA:      10                      PUMP TYPE & SIZE      TURB

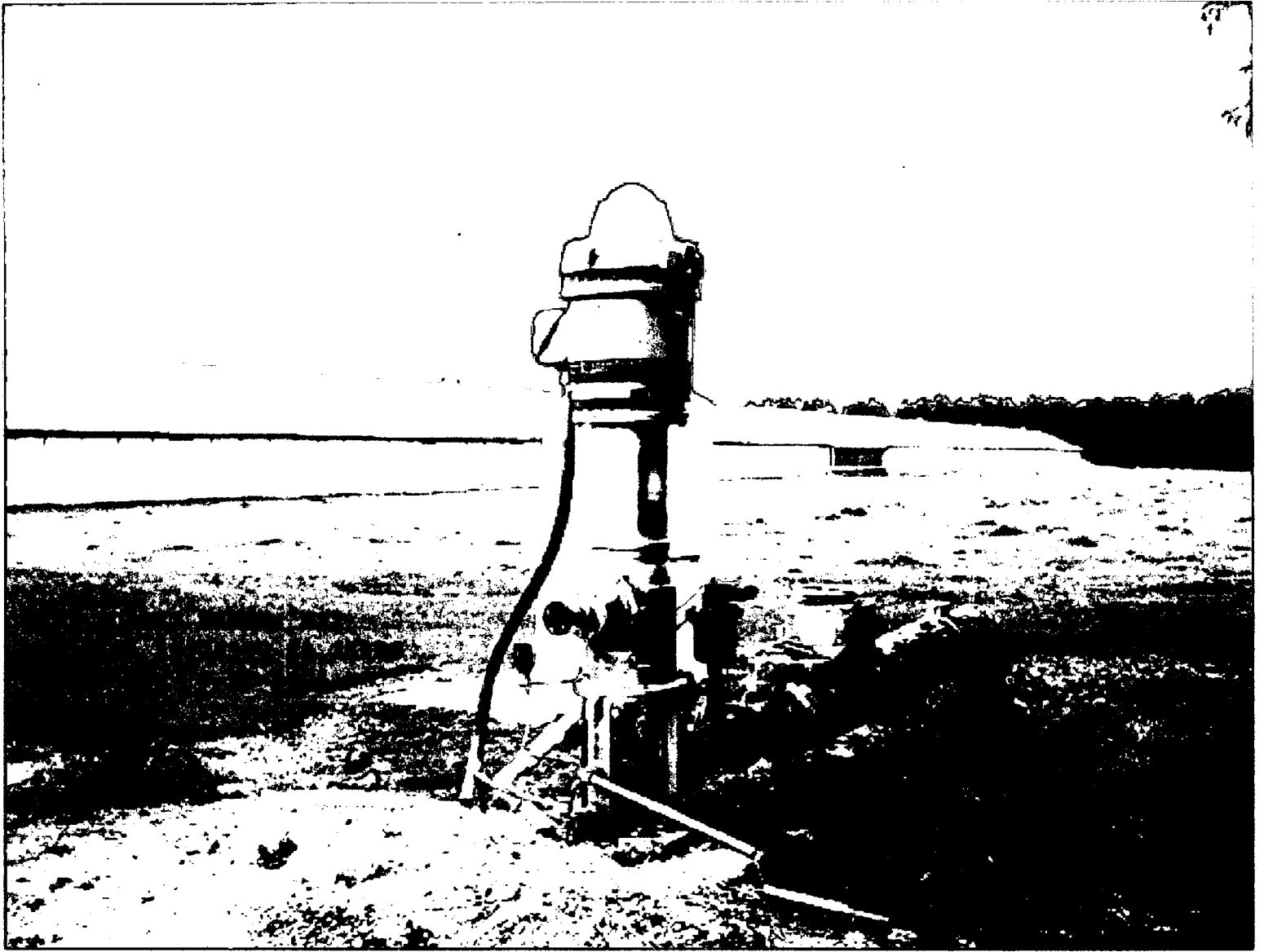
GPS FIELD LOCATION:      LAT 32.29957                      LONG. -89.25086

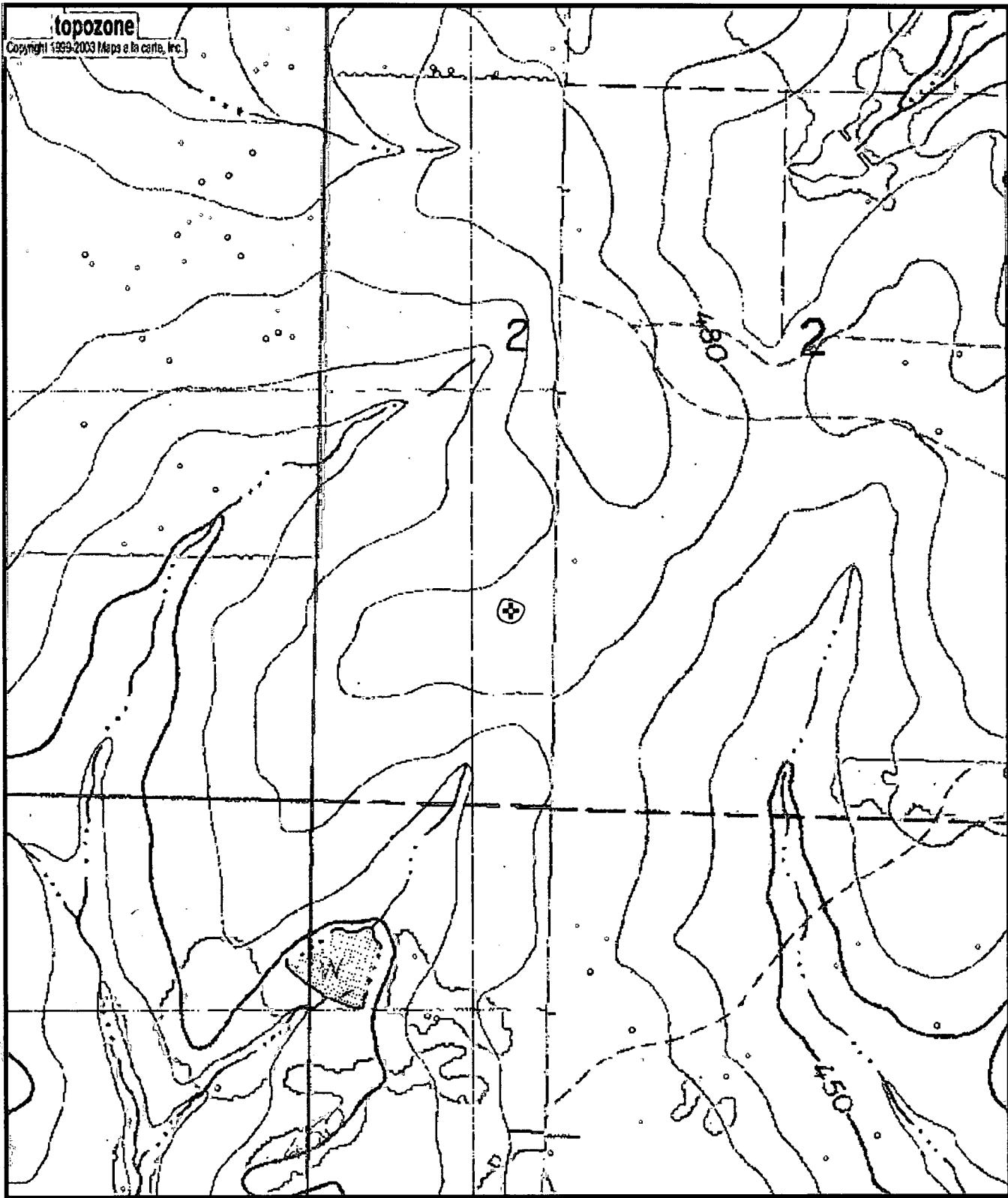
GPS CORRECTED LOCATION:      LAT                      .      LONG.

REMARKS: ACTIVE WELL

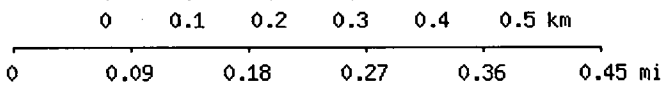
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722  
GW14534



Map center is 32° 17' 59"N, 89° 15' 03"W (WGS84/NAD83)

Lake quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.231  
G=-1.203