

Coded By 10/92
Checked By 9/26/93
Entered By
Date 6-93

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 186
County LAMAR
Agency

Well No. E229

WELL RECORD

Agency Code: U S G S Site Id: 1311611908924501011 Project No. 5

Station Name: 12 E229 N LAMAR WA Latitude: 931116119 Longitude: 10401892450

Lat/Long Ac. 11 S F I M Dist 6=28 State 7=28 County 8=073 SE NW Land Net 13: N W N W S 33 T 10 R 114 W 1

Location Map: 14 HATTIESBURG SW Altitude 408 Met/Meas Accuracy 18 11101 Hydrologic Unit 20 031171010171

Agency Use 803 A I O Date Inventoried 711 Station Type 4 Y Data Type 804

Instru. 805 Remarks 806 Relia. 3 C L M U 2 W X

Date of Construction 09/11/1992 Well Use WA Water Use 23 W Primary Aquifer HBRG Hole Depth 27 115511

Well Depth 28 137151 Water Level 30 126311 Water Level Date 31 12/11/1992 Method 34 * Status 37 * Source 33 D

using mocn 11/01

CONSTRUCTION DATA

Construction Date 60 12/11/1992 Contractor 63 0164 Name LANE Method 65 H Finish 66 D

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 1101	78 1333	79 12
R=76	T=A	725#2	59#1	77 1211	78 1231	79 191

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 1335	84 1375	87 18	Type 85 S	Length 89	Width 88 0249
R=82	T=A	726#2	59#1	83	84	87	Type 90 J	Length 90	Width 88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 Date 38 12/11/1992 Intake 44 137101

Power 45 F L H.P. 46 1101 Serial No. 49

MISCELLANEOUS OWNER DATA

Date of Ownership 159 12/11/1992 Owner Name 161 N LAMAR WA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 1186 Assigner 191 M I S S I S I T

MISCELLANEOUS QM DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	195	Temp	196#00010	Value	197
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	195	Sp Cond	196#00095	Value	197
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	195	pH	196#00400	Value	197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#1	Req. Depth	200	End Depth	201	155
R=198	T=A	739#1	Log Type	199#1	Req. Depth	200	End Depth	201	152.5

MISCELLANEOUS NETWORK DATA

106 = QW WL WDS *

R=114	T=A	730#1	Req. Year	115	End Year	116	Agency Source	117	Freq.	118
R=121	T=A	730#2	Req. Year	115	End Year	116	Agency Source	117	Freq.	118

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184	Remarks	185	MSGW - 14490
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148	Type	703	Discharge	150	Sp. Capacity	272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91	Depth Bot.	92	Unit Id	93	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100	103
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Well # 5

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED SAND	0	20	SAND & Shale streaks	825	1033
SAND & PEA GRAVEL	20	85	SAND & Shale	1033	1063
Clay	85	95	HARD Shale & Sand	1063	1157
	95	150	ROC	1150	1151
Sandy White Clay	150	213	HARD Shale & Rock streaks	1151	1179
Shale & SAND STREAKS	213	408	LIME & Clay	1179	1331
SAND	408	460	SAND & Shale streaks	1131	1459
SANDY SHALE	460	530	Clay & LIME STREAKS	1459	1551
HARD SHALE	530	606			
Blue Clay & Shale	606	715			
SAND	715	825			

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED LAMAR	
WELL NUMBER 5	CODING <input checked="" type="checkbox"/>
E229	
DATE WELL COMPLETED 12/15/92	

PERMIT NUMBER MSGW 14490
NAME OF DRILLING FIRM Layne-Central Co., A Div. of
LAYNE, INC.

NAME & MAILING ADDRESS OF LANDOWNER North Lamar Water Assoc.			
4906 Old Hwy 11, Suite 8			
Hattiesburg MS 39402			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
N 1/4	33	4	14 E
DISTANCE	DIRECTION	NEAREST TOWN	
1 Miles	South	OAK GROVE	
OTHER LANDMARK ON "OLD" Highway 11 UNDER WATER TANK.			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal/Domestic			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 100		
Pump Capacity (GPM) 100	No. of Stages 10	Setting Depth 370 FT.
PUMP TEST		
Well yielded 500 GPM with a drawdown of 71 ft. after 8 hours of pumping		

WELL DATA		
Well Depth 1378	Casing Diameter (In.) 12"	Casing Length (Ft.) 1333'
Type of Casing STEEL	Hole Depth 1522	Depth to Static Water Level 263'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed , Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Layne-Central Co.	

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 40'	Slot Size - Inches .020
Screen Type 8/8 Houston	Depth to Bottom - Feet 5'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 1373 MAR 15 1993 Mississippi Department of Environmental Quality Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED SAND	0	20	SAND & Shale streaks	825	1033
SAND & PEA GRAVEL	20	85	SAND & SHALE	1033	1063
Clay	85	95	HARD SHALE & SAND	1063	1150
SAND	95	150	ROCK	1150	1151
SAND & White Clay	150	213	HARD SHALE & ROCK STREKS	1151	1179
SHALE & SAND STREKS	213	408	LIME & CLAY	1179	1331
SAND	408	460	SAND & SHALE STREKS	1131	1459
SANDY SHALE	460	530	CLAY & LIME STREKS	1459	1551
HARD SHALE	530	606			
BLUE CLAY & SHALE	606	715			
SAND	715	825			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL

X			

SECTION 33

Please indicate well location X.

ADDITIONAL INFORMATION

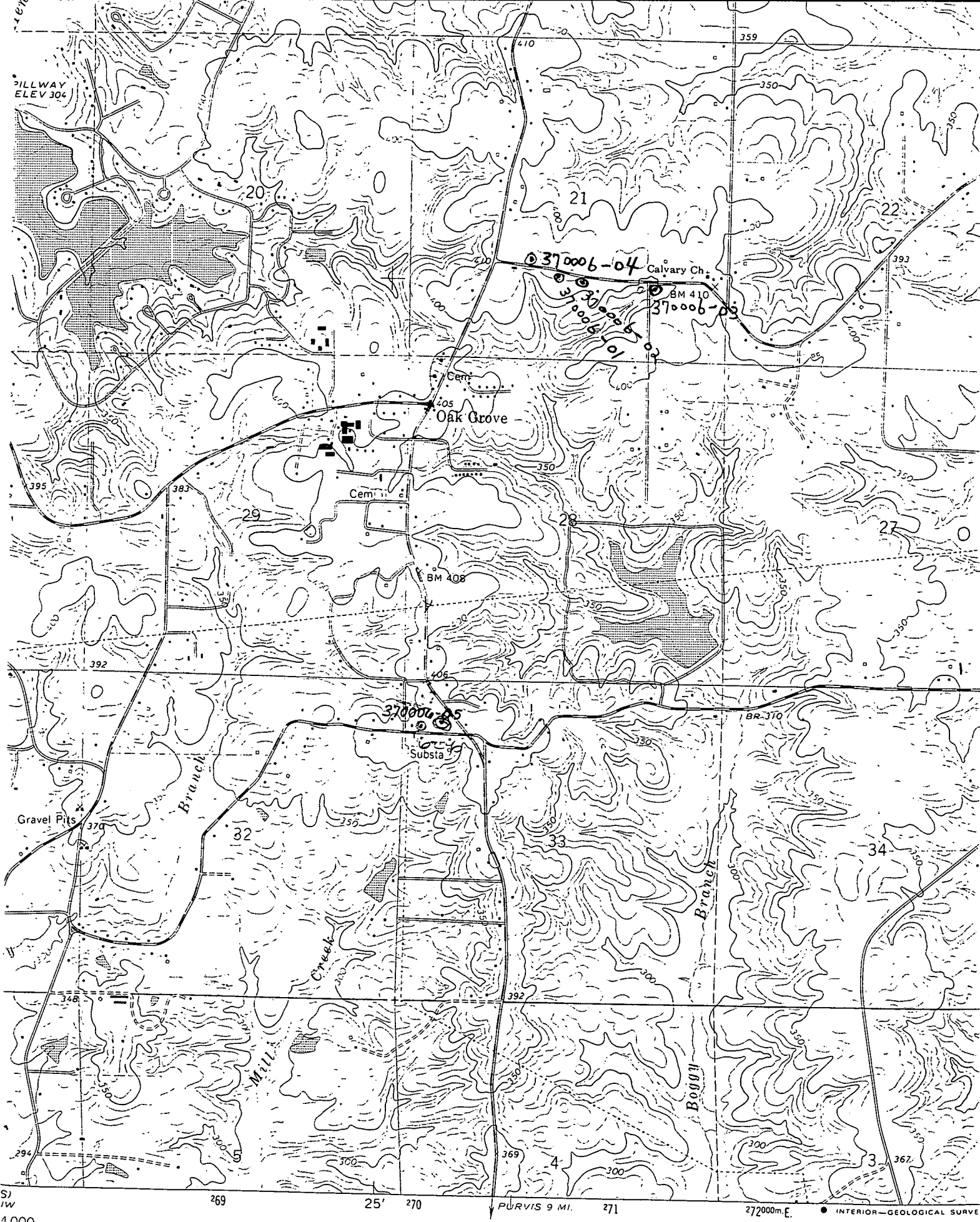
If more than one screen,
show location of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

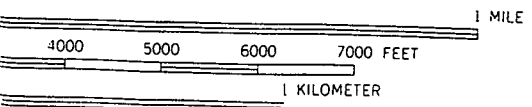
GPS LOG

Hattiesburg SW Quad

USER NAME(S): SHO/CAH DATE: 7-14-94
UNIT DEQ #: 82555 FILE #: C071422A
HEALTH DEPT. #: 370000-05 ELEV. 410
USGS #: 246 E229 OLWR #: 5W 14490
OWNER: N. Lamar Water Assn
LOCATION: NW NW S 33 T 4N R 14W COUNTY: Lamar Co
LOCATION DESCRIPTION: Well is Located 1 mi south of old Hwy 24
on Oak Grove - Purvis RD (old Hwy 11)
CASING DIA: _____ PUMP TYPE & SIZE: Elec
GPS FIELD LOCATION: LAT. 31° 16.333 LONG. 89° 24.801
GPS CORRECTED LOCATION: LAT. 31.272258 LONG. 89.413389
REMARKS: GPS 50ft East of well



SJ 1W 4000 269 25' 270 PURVIS 9 MI. 271 272000m.E. ● INTERIOR-GEOLOGICAL SURVEY



SCALE 10 FEET

ROAD CLASS

Heavy-duty —————
 Medium-duty - - - - -