

GW14405 0370008-04

W 014

Coded By WTO 2/93
Checked By WTO 06-30-93
Entered By WTO 2/93
Date 06-93

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 184
County Lamar
Agency

Well No. 6104

WELL RECORD

Agency Code U S C S Site Id 131111908929541011 Project No. 54 Purvis Quad

Station Name 12-6104 PROGRESS W IA Latitude 9-3111119 Longitude 10-010192954

Lat/Long Ac. 11 S F T M Disc 6-28 State 7-28 County 8-013 Land Net 13-545412161013111512 SE/NW/SW

332A Location Map 14-PUUVIS Altitude 373 Met/Meas 17-AL Accuracy 18-15 Hydrologic Unit 20-103117100171

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

Instru. 805 Remarks 806 Relia. 3-CLM 2-EX

Date of Construction 21-05/19/1992 Well Use 23-W Water Use 24-P Primary Aquifer 714-12121118161 Hole Depth 27-13101 using mocn 11/01.

Well Depth 29-1254 Water Level 30-1125 Water Level Date 31-12/01/1992 Method 34 Status 37 Source 33-D

CONSTRUCTION DATA

Construction Date 60-12/01/1992 Contractor 63-184 Name Griner Method 65-R Finish 66-G

CONSTRUCTION CASING DATA

Top/Casing 77-1101 Bot/Casing 78-1201 Diameter 79-116

Top/Casing 77-1159 Bot/Casing 78-1213 Diameter 79-1101

CONSTRUCTION OPENINGS DATA

Top/Depth 83-1213 Bot/Depth 84-1254 Diameter 87-1101 Type 85-S Length 89 Width 88

Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA

Lift Type 43-F Date 38-12/01/1992 Intake 44-1171

Power 45-E H.P. 46-50 Serial No. 49

MISCELLANEOUS OWNER DATA

Date of Ownership 159-12/01/1992 Owner Name 161-PROGRESS W IA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190-184 Assigner 191-M I S S I O I S T

Test hole # 2 Well #4 for

G104

MISCELLANEOUS QW 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# / / / / / / / / / /	So 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#(D)	Sec. Depth	200# 11101	End Depth	201# 3001
R=198	T=A	739#1	Log Type	199#(D)	Sec. Depth	200# 11101	End Depth	201# 2944

MISCELLANEOUS NETWORK DATA

706 = QW WL WD *

R=114	T=A	730#1	Sec. Year	115# 1 4 / / /	End Year	116# 1 4 / / /	Agency Source	120=A	117# / / / / /	Freq.	118# / / /
R=121	T=A	730#2	Sec. Year	115# 1 4 / / /	End Year	116# 1 4 / / /	Agency Source	117# / / / / /	Freq.	118# / / /	

MISCELLANEOUS REMARKS DATA

R=185	T=A	311#1	Date of Remarks	184# 112 / 10 / 11 / 19 / 12	Remarks	185# MS-GW 14405
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 112 / 10 / 11 / 19 / 12	Type	703# (P)	Discharge	150# 1662	So. Capacity	272# / / / / /
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GEOHYDROLOGIC DATA

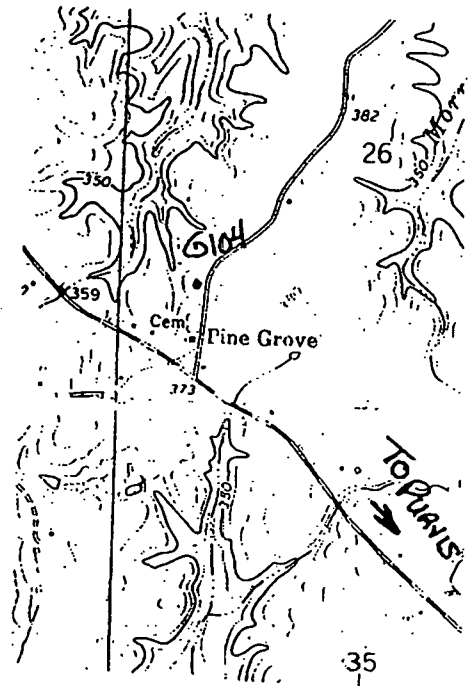
R=90	T=A	721#1	Depth Top	91# 11819	Depth Bot.	92# 12510	Unit Id	93# 11212MDCIN	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100# / / / / / / / / / /	103# / / /
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11.41' dd @ 662 gpm @ 5 hrs.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Top Seal	0	2
Sand	2	42
Clay	42	190
Sand & Pea Gravel	190	255
Clay	255	294



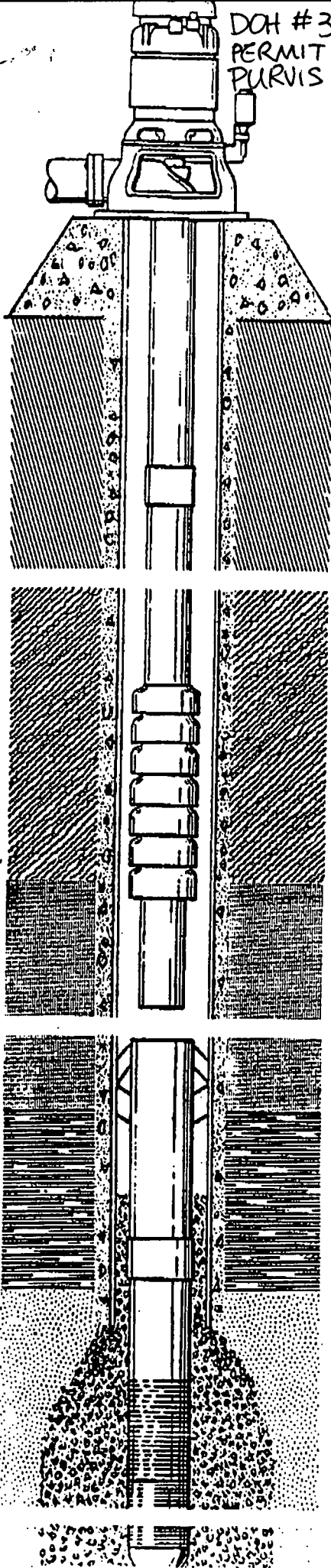
DOH #370008-04
PERMIT #GW-14405
PURVIS QUAD

TELEPHONE 601/736-6347
POST OFFICE DRAWER 825
COLUMBIA, MISS. 39429

G104

LOG FORM

NAME	Progress Water Association	
LOCATION	Well No. 4	
ENGINEER	Shows, Dearman and Waits	
DRILLER	T. Powell	LOG. NO.
COMPLETED	12	19 92
ACCEPTED		
Sales Engineer	Chip Griner	Field Supervisor
		F. Sistrunk



WELL DATA

Length surface casing N/A; size surface casing N/A
Cemented N/A No. Sacks N/A Size Drilled Hole N/A
Depth drilled hole 200' Size well casing 16 Type Steel
Length well casing 200' cemented Yes No. Sacks 120
Size underreamed hole 26" length underreamed hole 54
Size screen 10" type Rod Base mfg. by Houston
Slot size .040 material 304 S.S. length screen 41
Lap pipe size 10 lap pipe length 63 type Steel
Type gravel 8-16 SFM No. yds. 6 Distance to lap 150
Distance to screen top 213 distance to gravel 151
Distance to screen bottom 254 type bottom Plate
Connection top of lap L&R Collar static water level 124.76

PUMP DATA

Type Submersible make Grundfos Serial No. N/A
Size bowls 8" No. stages 3 Curve No. 6005400 Length bowls N/A
Length column 171' size column 6" type column T&C
Size oil tube N/A size shaft N/A length suction N/A
Size suction N/A size discharge 6" Head No. N/A
Overall pump length N/A Length headshaft N/A
Type lubrication N/A type oiler N/A length air line N/A
Rated capacity 600 GPM Total Head 184"
RPM 3600 Size foundation 2 x 2 Height 2'

ELECTRIC MOTOR DATA

Type Submersible Make Franklin Serial No. 2366186015
HP 50 Voltage 460/380 RPM 3450/2875 Frame N/A
Style Sub Phase 3 Cycle 60 AMPS 66
Height motor N/A Dia. base N/A Clutch bore N/A Clutch No. N/A
Top bearing No. N/A Lower bearing No. N/A Lubrication N/A

SWITCH DATA

Type IEC Contactor Make Allen Bradley
Catalog No. 100-A75ND3 Size 75 Amp Rating 75 Amp
Volts 480 Phase 3 Cycles 60
HP rating 50 Size relays 75 Amp Relay type Quick Trip
Entrance switch 100 Amp 3 Ph Breaker
Fuse size & type 100 Amp Breaker Size wire #2

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/Everett DATE: 6/10/98

UNIT DEQ #: _____ FILE #: A061022A

HEALTH DEPT. #: 370008-04 ELEV. 372'

USGS #: G104 OLWR #: GW-14405

OWNER: Progress Comm. Water Assn.

LOCATION: NW SW S 26 T 3N R 15W COUNTY: Lamar

LOCATION DESCRIPTION: Morrow Road

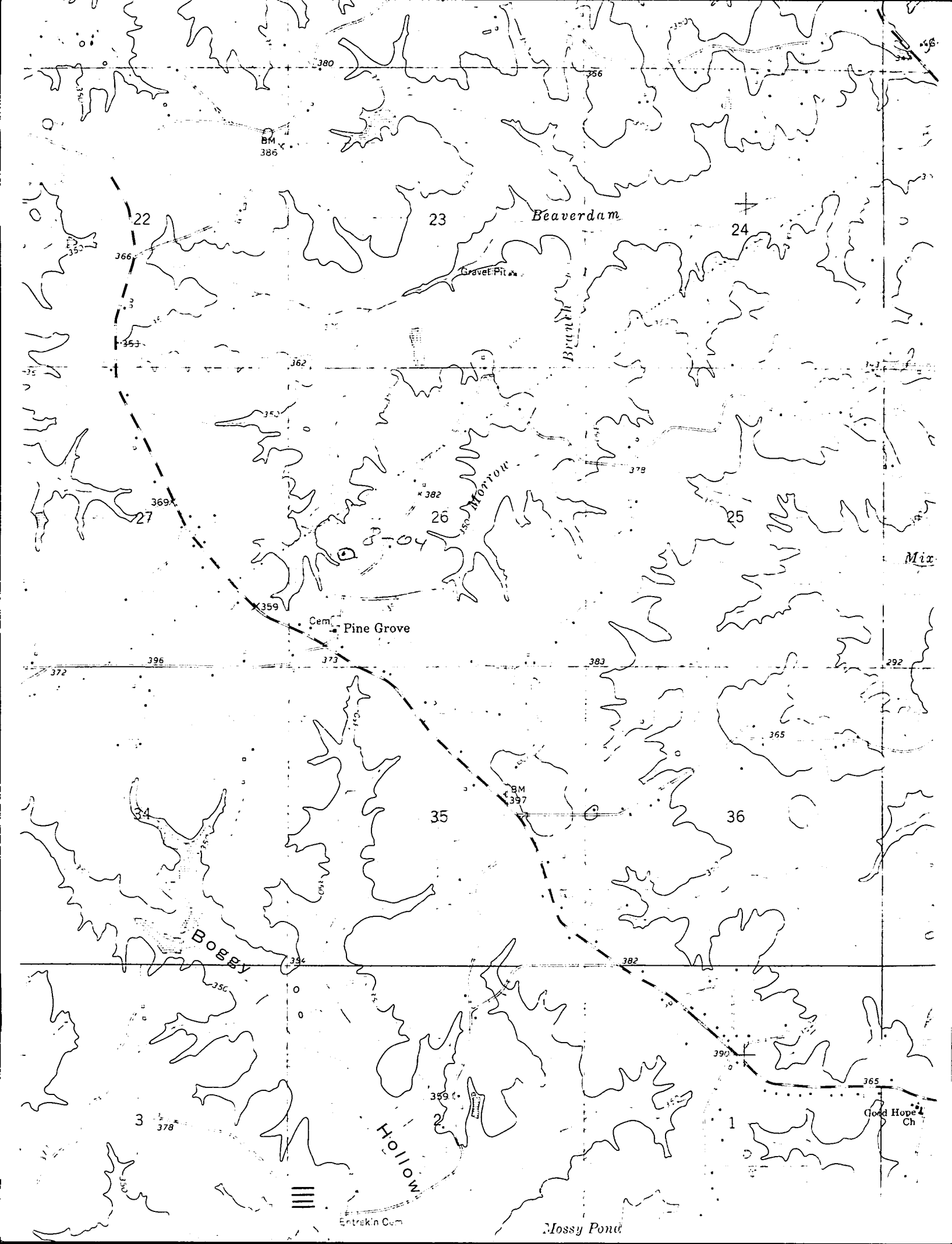
off Pine Grove Rd

CASING DIA: _____ PUMP TYPE & SIZE: Subm.

GPS FIELD LOCATION: LAT. 31° 11.451' LONG. 89° 28.807'

GPS CORRECTED LOCATION: LAT. 31.191363 LONG. 89.479970

REMARKS: Purvis Quad



BM
386

Beaverdam

Gravel Pit

Beaverdam
Creek

Mossy
Pond

Cem.
Pine Grove

Bobby

Hollow

Mossy Pond

Good Hope
Ch.



Entrikin Cem.