

Coded By 0 9/97
 Checked By 0 9/97
 Entered By 0 9/97
 Date 7/98

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 100 Well No. H 28
 County OKTIBBEHA

WELL RECORD

Agency Code U151C1S Site Id 12 332644 10 08844 124 Project No. 54

Station Name 12 H0281 BLACK JACK WA Latitude 33 26 44 Longitude 10 08 44 124

Lat/Long Ac. 11 S 07 W Dist 6 28 State 7 28 County 2 05 NW Land Net 15 NW NW 30 11 11 15 E 2

Location Map 14 ARTESIANA Altitude 16 3301 Mec/Meas 17 A L M Accuracy 18 1 15 Hydrologic Unit 20 10311601104

Agency Use 803 A Y 0 Date Invented 7 11 Station Type J Data Type 804

Instr. 805 Remarks 806 Relis. 3 C M U 3 0 X

Date of Construction 21 09 / 11 9 / 1997 Well Use 23 W Water Use 24 P Primary Aquifer 71 21 61 01 01 01 Hole Depth 27 1314

Well Depth 28 124 Water Level 30 188 Water Level Date 32 05 / 06 / 1998 Method 34 Status 37 Source 35 D

CONSTRUCTION DATA

Construction Date 60 05 / 06 / 1998 Contractor 63 021 Name Hemdon Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

R=75	T=A	725#1	59#1	77 1 10	78 1 10	79 1 10
Top/Casing			Bot/Casing		Diameter	
R=75	T=A	725#2	59#2	77 1 27	78 1 10	79 1 10

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 1 10	84 1 24	85 1 10	86 1 10	88 1 02 01	
Top/Depth			Bot/Depth		Diameter		Type	Length	Width
R=82	T=A	726#2	59#1	83 1 10	84 1 10	85 1 10	86 1 10	88 1 10	

CONSTRUCTION LIFT DATA

Power 45 EL H.P. 46 25 Serial No. 49

Lift Type 43 S Date 38 05 / 06 / 1998 Intake 44 1252

MISCELLANEOUS OWNER DATA

Date of Ownership 159 05 / 06 / 1998 Owner Name 161 BLACK JACK WA

MISCELLANEOUS OTHER ID DATA

E-Log No. 191 M 1 1 S 1 1 D 1 1 5 1 1

Assigner 191 M 1 1 S 1 1 D 1 1 5 1 1

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement	1934	Acuifer Sampled	195#	T-no	196700010	Value	197#
R=192	T=A	738#2	Date of Measurement	1934	Acuifer Sampled	195#	So Cond	196700095	Value	197#
R=192	T=A	738#3	Date of Measurement	1934	Acuifer Sampled	195#	pH	196700400	Value	197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#	Sec. Depth	200#	End Depth	201#	300#
R=198	T=A	739#2	Log Type	199#	Sec. Depth	200#	End Depth	201#	314#

MISCELLANEOUS NETWORK DATA T06 = Gw WL WD *

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

MISCELLANEOUS REMARKS DATA

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

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

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

R=98	T=A	790#1	Unit Tested	100#	103#
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(Will replace well #1)

19.5' dd 205gpm (8hrs)

Black Jack Rd →

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (CONTINUED)	FROM	TO
RED CLAY	0	5	SHALE, SAND & CLAY	950	1040
GRAY CLAY	5	12	SAND	1040	1100
SHALE, LIMEROCK, CLAY	12	221	CLAY	1100	1115
SAND & CLAY	221	555	SANDY SHALE	1115	1180
BLUE CLAY	400	555	SAND	1180	1240
HARD SHALE	555	591	FINE SAND & CLAY	1240	1260
SANDY CLAY	591	620	PEA GRAVEL	1260	1285
TIGHT SAND	620	685	CLAY & PINK GUMBO	1285	1314
CLAY	685	720			
SAND	720	810			
SANDY CLAY & SHALE	810	950	IF MORE SPACE IS NEEDED, USE BACK	(OVER)	

