

Coded By 0491
 Checked By WZM 5/13/92
 Entered By WZM
 Date 5/18/92

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 46
 County LEAKE
 Agency

Well No. K31

Well #2

WELL RECORD

Agency Code U S G S Site Id 132432110883508011 Project No. 5

Station Name 12 K31 PILGRIM REST WA Latitude 93243211 Longitude 100983508

Lat/Long Ac. 11 S F M Dist 6-28 State 7-28 County 8 0 7 9 Land Net 13 NEW SITE LOCATION RPT

Location Map 14 CARTHAGE Altitude 16 400 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 10318101011

Agency Use 803 A I 0 Date Inventoried 7 1 1 Station Type 4 Data Type 804

Instru. 905 Remarks 806 Relia. 3 C L M U 2-W X

Date of Construction 21 06/05/1991 Well Use 23 W Water Use 24 P Primary Aquifer 714 124 M W X Hole Depth 27 181121

Well Depth 28 1710 Water Level 30 11415 Water Level Date 31 02/10/1992 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60 02/18/1992 Contractor Name Dynar Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

R	T	Well No.	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1 77 110	78 1695	79 110
76	A	725#2	59#1 77 1649	78 1720	79 16

CONSTRUCTION OPENINGS DATA

R	T	Well No.	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1 83 1120	84 1710	87 16	85 S *	89	88 1016
82	A	726#2	59#1 83	84	87	85 *	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 02/10/1992 Intake 44 1185

Power 45 E H.P. 46 115 Serial No. 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159 02/10/1992 Owner Name 161 PILGRIM REST WA

MISCELLANEOUS OTHER ID DATA

E-Log No. 100 Assigner 151 M I S I S I O I I S T

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 / / / / / / / /	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#	Beg. Depth 200 / 55 /	End Depth 201 / 812 /
R=198	T=A	739#1	Log Type 199#	Beg. Depth 200 / / / / /	End Depth 201 / / / / /

MISCELLANEOUS NETWORK DATA *706 = QW WL WD **

R=114	T=A	730#1	Beg. Year 115 / 9 /	End Year 116 / 9 /	Agency Source 120=A 117# / / / /	Freq. 118# / *
R=121	T=A	730#2	Beg. Year 115 / 9 /	End Year 116 / 9 /	Agency Source 117# / / / /	Freq. 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 / 02 / 01 / 1992	Type 703# (P)	Discharge @ 60# 150 / / / 146 /	So. Capacity 272 / / / /
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 / 1110 /	Depth Bot. 92 / 1160 /	Unit Id 93 / 124 / M / W / X /	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 / / / / / / / /	103# /
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Well #2

8' dd @ 146 gpm

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	3	Sand, Medium (Mica)	709	760
Clay and Sand Streaks	3	69	Clay	760	812
Sand	69	157			
Clay and Sand Streaks	157	187			
kg Gravel, Gravel, Sand	187	251			
Sand & Clay Streaks	251	281			
Clay	281	379			
Clay, sand & Rock	379	406			
Clay & Sand Streaks	406	520			
Clay	520	640			
Sand with Clay Streak	640	709			