

Coded by
Checked by
Entered by
Date

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 248 Well No. B29
County SMITH
Agency

WELL RECORD

Agency Code U S G S Site ID 1= 321007099315901 Project No.
Station Name Latitude

12= B029 ROGER BARNES 9= 321007
Longitude Lat/Long Ac. Lat/Long Met. Lat/Long Datum Dist Code State Code County Code
10= 0893159 11= F 35= M 36= NAD27 6= 28 7= 28 8= 129
S=GPS, F=+5 sec, T=+10 sec, M=+1 min, b=>1 min

Land Net Location 13= NWSWSE824T04NR07E Meridian
I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington

Location Map 14= HOMEWOOD Altitude 16= 510. Accuracy 18= 5 Method Meas. 17= M
A=Altimeter, L=Surveying, M=TopoMap, b=Unknown

22= NGVD29 20= 031170004 19= 803= A I 0 711=
Station Type Data Type Gr. Time Loc. Time Web-R Reliability Date of Construction

802= Y 804= A I 0 813= -06 814= Y 32= 3= 0 L M U 2= 0 X 21= 02171999
Well Use Water Use Primary Aquifer Hole Depth Well Depth

23= W 24= S 714= 124CCIF 27= 720. 28= 688.

CONSTRUCTION DATA Construction Date Contractor Method Finish
R=58 T=A 723#1 60= 03-26-1999 63= 587 Name A-121g 65= H 66= S

CONSTRUCTION CASING DATA Top/Casing Bottom/Casing Diameter
R=76 T=A 725#1 59#1 77= 78= 504. 79= 4.
R=76 T=A 725#2 59#1 77= 504. 78= 658. 79= 2.

CONSTRUCTION OPENINGS DATA Top/Depth Bottom/Depth Diameter Type Length Width
R=82 T=A 726#1 59#1 83= 658. 84= 688. 87= 2. 85= 0 89= 88= .005
R=82 T=A 726#2 59#1 83= 84= 87= 85= 89= 88=

CONSTRUCTION LIFT DATA R=42 T=A 254#1 Lift Type 43= S Date 38= 03-26-1999 Intake 44= 273
Power H.P. Serial No.
45= E 46= 5. 49=

MISCELLANEOUS OWNR DATA Date of Ownership Owner Name
R=158 T=A 718#1 159= 03-26-1999
161= ROGER BARNES

MISCELLANEOUS OTHER ID DATA E-Log No. Assigner
R=189 T=A 736#1 190= 248 191= M I S S I D I S T

MISCELLANEOUS LOGS DATA Log Type Beg. Depth End Depth
R=198 T=A 739#1 199= D 200= 0. 201= 720.
R=198 T=A 739#2 199= F 200= 5. 201= 230.

MISCELLANEOUS NETWORK DATA 706=QW,WL,WD*

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

MISCELLANEOUS REMARKS DATA

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

DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148=	03-26-1999	Type	703=	P	F	Discharge	150=	35.
Meth. Dis.	152=	Static Water Level	154=	Source WL	155=	Sp. Capacity	272=						

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91=	581.	Depth Bottom	92=	Unit ID	93=	124CCKF	304=P
------	-----	-------	-----------	-----	------	--------------	-----	---------	-----	---------	-------

HYDRAULIC DATA

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

HISTORICAL WATER LEVEL DATA

R=234	T=A	235#	Date	237=	03-26-1999	Water Level	243=L	244=	D
-------	-----	------	------	------	------------	-------------	-------	------	---

(Try to run Elog hole bridged)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay, tan	0	12	Clay, sandy, brown, sh	491	511
Clay, tan & orange	12	17	Sand, sea shells	574	577
Clay, brown	17	19	Clay, gray, brown	572	574
Clay, gray	19	118	Clay, sandy, sd stks	554	581
Lignite	118	119	Sand	581	585
Clay, gray	119	120	Clay, sandy	585	592
Clay, brown, dark	120	143	Sand, st	592	596
Clay, sand stks	143	145	Clay, sandy	596	603
Clay, gray-green	145	423	Clay and sand stks	603	622
Clay, gray	423	468	Clay, sandy, sd stks	622	636
Clay, gray, sdy stks	468	499			

ADDITIONAL INFORMATION

636-656-Sand and clay mixed
 656-658-Sand v. fine
 658-720-Clay