

Coded by HZN 5/2002  
Checked by GRB 12/29/03  
Entered by AK  
Date 12/03

GW15877  
0510001-03

NBL

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

Well No. 042  
E-Log No. Newton  
County Newton  
Agency 2130

WELL RECORD

UNION EAST QUAD

Agency Code: U S G S  
Site ID: i= 3 2 3 0 3 0 0 8 9 . 0 2 5 6 0 1  
Project No. 5= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Station Name: 12= C 0 4 2 N E W T O N B E U L A H H U B R D  
Latitude: 9= 3 2 3 0 3 0  
Longitude: 10= 0 8 9 0 2 5 6  
Lat/Long AC: 11= F  
Lat/Long Met: 35= M  
Lat/Long Datum: 36= N A D 2 7  
Dist Code: 6= 28  
State Code: 7= 28  
County Code: 8= 1 1 0 1

Land Net Location: 13= N W N W S E S 2 3 T O 8 N R 1 2 E  
Meridian: I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington  
Location Map: 14= U N I O N E A S T  
Altitude: 16= 5 2 1  
Accuracy: 18= [ ] [ ] [ ] [ ] [ ] [ ]  
Method Meas.: 17= M  
A=Altimeter, L=Surveying, M=TopoMap, b=Unknown  
Altitude Datum: 22= N G V D 2 9  
Hydrologic Unit: 20= 0 3 1 7 0 0 0 1  
Topo Set.: 19= [ ] [ ] [ ] [ ] [ ] [ ]  
Agency Use: 803= A I [ ] [ ] [ ] [ ] [ ] [ ]  
Date Invented: 711= [ ] [ ] [ ] [ ] [ ] [ ]  
Station Type: 802= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Data Type: B04= A I O  
Gr. Time: 813= -06  
Loc. Time: 814= Y  
Web-R: 32= [ ] [ ] [ ] [ ] [ ] [ ]  
Reliability: 3= C L M [ ] [ ] [ ] [ ] [ ] [ ]  
Date of Construction: 21= 1 2 1 1 2 0 0 1  
Well Use: 23= W  
Water Use: 24= P  
Primary Aquifer: 714= 1 2 4 W L C X L  
Hole Depth: 27= 1 1 4 1  
Well Depth: 28= 1 0 4 0 WA

CONSTRUCTION DATA  
Construction Date: 60= 1 2 1 1 2 0 0 1  
Contractor: 63= 0 5 8 1  
Name: Griner Drilling  
Method: 65= H  
Finish: 66= G

CONSTRUCTION CASING DATA  
Top/Casing: R=76 T=A 725#1 59#1  
Bottom/Casing: 77= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Diameter: 78= 9 9 0  
79= 1 2 Steel  
Top/Casing: R=76 T=A 725#2 59#1  
Bottom/Casing: 77= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Diameter: 78= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
79= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

CONSTRUCTION OPENINGS DATA  
Top/Depth: R=82 T=A 726#1 59#1  
Bottom/Depth: 83= 9 9 0  
Diameter: 84= 1 0 3 0  
Type: 87= 8  
Length: 85= S  
Width: 89= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
88= . 0 1 6  
Top/Depth: R=82 T=A 726#2 59#1  
Bottom/Depth: 83= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Diameter: 84= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Type: 67= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Length: 85= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Width: 89= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
88= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

CONSTRUCTION LIFT DATA  
R=42 T=A 254#1  
Lift Type: 43= T  
Date: 38= 1 2 1 1 2 0 0 1  
Intake: 44= 3 4 0  
Power: 45= E  
H.P.: 46= 7 5  
Serial No.: 49= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

MISCELLANEOUS OWN R DATA  
Date of Ownership: R=158 T=A 718#1 159= 1 2 1 1 2 0 0 1  
Owner Name: 101= B E U L A H H U B B A R D W A T E R A S S N

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

MISCELLANEOUS LOGS DATA  
Log Type: R=198 T=A 739#1  
Beg. Depth: 199= D 200= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
End Depth: 201= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Log Type: R=198 T=A 739#2  
Beg. Depth: 199= E 200= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
End Depth: 201= [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

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=
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148=	12-11-2001	Type	703=	P	F	Discharge	150=	601
Meth. Dis.	152=	R	Static Water Level	154=	Source WL	155=	Sp. Capacity	272=	W/a drawdown of 76.6 ft. after 8 hours of pumping				

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91=	Depth Bottom	92=	Unit ID	93=	124WLCXL	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100=	103=
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HISTORICAL WATER LEVEL DATA

R=234	T=A	235#	Date	12-11-2001	Water Level	237=	217	243=L	244=D	239=R	247=MS008
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5 miles W of Union

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
sand	0	67
clay	67	163
sand	163	207
clay	207	885
sand	885	1141



If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
600	8	340 FT

PUMP TEST  
Well yielded \_\_\_\_\_ 601 \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ 76.6 \_\_\_\_\_ ft.  
after \_\_\_\_\_ 8 \_\_\_\_\_ hours of pumping.

### LOG DATA

TYPE OF LOG RUN (Circle One):  
(Electric, ) (Gamma Ray, ) Density, Sonic, Neutron,  
Other (Describe) \_\_\_\_\_

No Log Run.

Name of Organization Running Log

Griner Drilling Service

### GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

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

RECEIVED

WATER RESOURCES DIVISION  
U.S. GEOLOGICAL SURVEY

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-**

**PUBLIC SUPPLY WELLS PROJECT**

**GPS LOG**

USER NAME (S): RLB

DATE : 9-23-2004

UNIT DEQ # : \_\_\_\_\_

FILE # : \_\_\_\_\_

HEALTH DEPT. # : 510001-03 ELEVATION : \_\_\_\_\_

USGS # : C42

OLWR # : GW-15877

OWNER : BEULAH HUBBARD W A

QUAD : UION EAST

LOCATION : \_\_\_\_\_ S 23 T 8N R 12E COUNTY  
NEWTON

LOCATION DESCRIPTION : FROM LITTLE ROCK GO WEST ON H49, FOR 1.2  
MILES, WELL IS ON NORTH SIDE OF ROAD , 100 YARDS FROM PAVEMENT.

CASING DIA : 12

PUMP TYPE & SIZE : TURB

GPS FIELD LOCATION : LAT. 32.52379

LONG. 89.04026

GPS CORRECTED LOCATION : LAT. \_\_\_\_\_ LONG. \_\_\_\_\_

REMARKS : ACTIVE

\_\_\_\_\_  
\_\_\_\_\_

Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-15877

County: NEWTON

Owner: BEULAH HUBBARD WATER ASSOCIATION

Aquifer: WLCXL

USGS No: C0042

BOH No: 0510001-03

Location: NE 1/4 of the SE 1/4 of SEC 23 TWN 08N RNG 12E Lat: 323122 Long: 890224

Quad: UNION EAST

District: N/A

Date Issued: 09-SEP-02

Date Renewed:

Date Expired: 09-SEP-12

Applicant: BEULAH HUBBARD WATER ASSOCIATION

Owner: BEULAH HUBBARD WATER ASSOCIATION

Address 1: 4704 HIGHWAY 494

Address 1: 4704 HIGHWAY 494

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: LITTLE ROCK

City: LITTLE ROCK

State: MS Zip: 39337

State: MS Zip: 39337

Driller: GRINER DRILLING SERVICE, INC

Pic 0157

~~Emergency~~

Maximum Rate: 600

32.52379

Amount Withdrawn Acre feet: 224.0638

89.04026

Amount Withdrawn Mgd: .2

Use

RURAL WATER ASSOCIATION

Casing

Type: STEEL

Diameter: 12

Length: 990

Screen

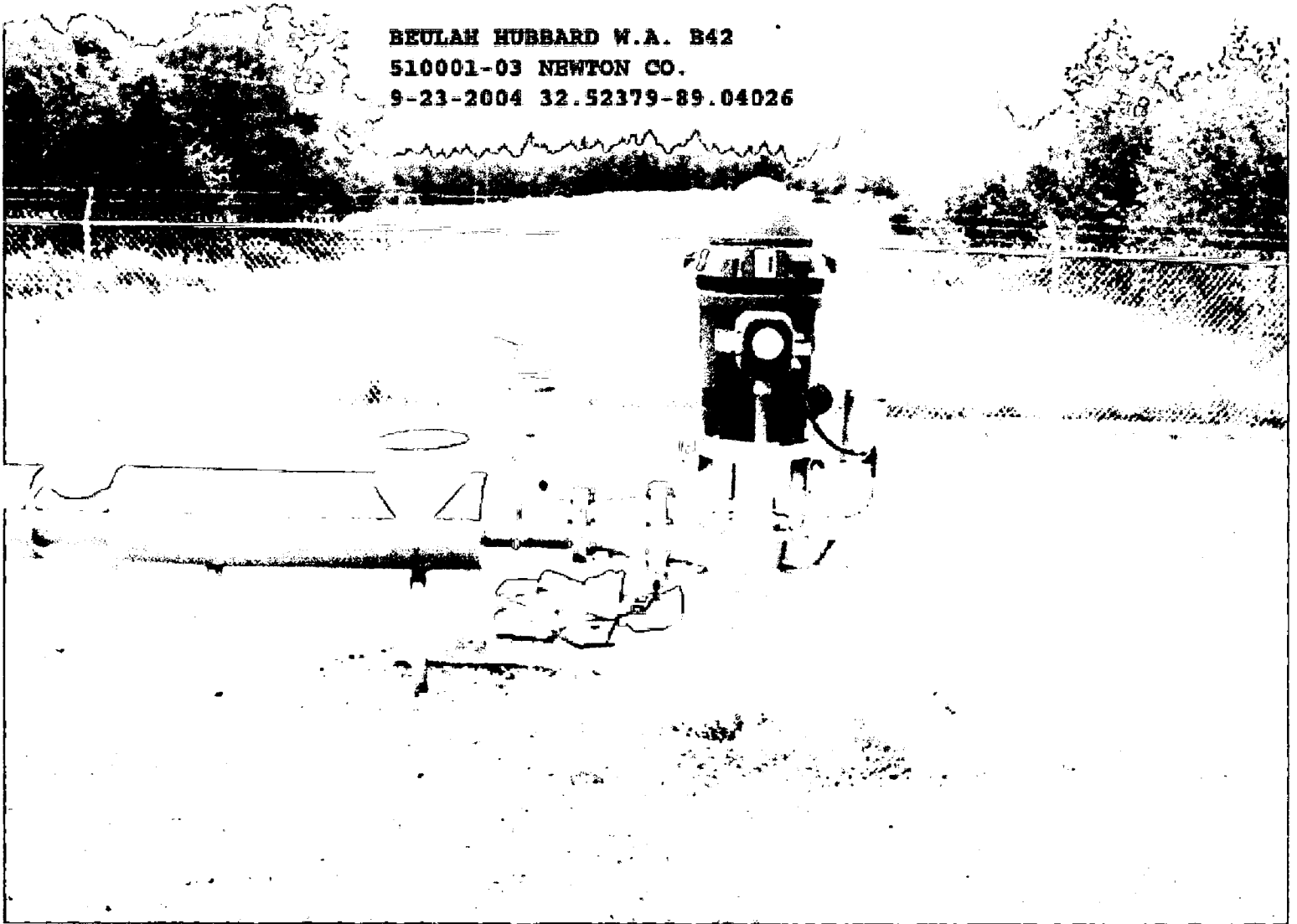
Type: OTHER

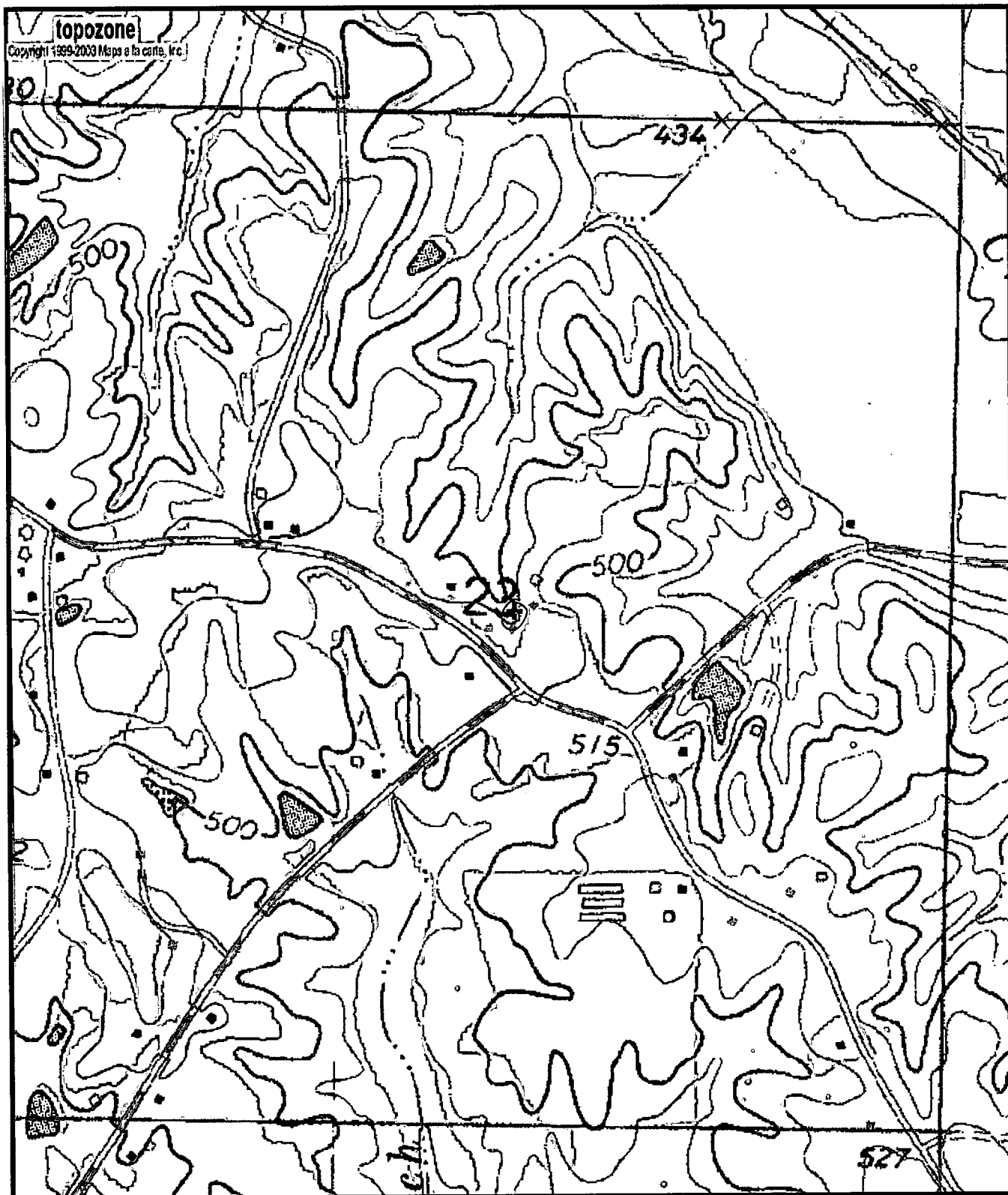
Diameter: 8

Length: 40

From Little Rock go west on  
H494 for 1.2 miles. Well is just  
off the road on north side of  
Road.

BEULAH HUBBARD W.A. B42  
510001-03 NEWTON CO.  
9-23-2004 32.52379-89.04026





C42  
Gw15877  
0510001-03

0 0.1 0.2 0.3 0.4 0.5 km  
0 0.09 0.18 0.27 0.36 0.45 mi  
Map center is 32° 31' 26"N, 89° 02' 25"W (WGS84/NAD83)  
**Union East** quadrangle  
Projection is UTM Zone 16 NAD83 Datum

M=-0.412  
G=-1.097