

**City of Huntsville
Raven's Nest Golf Course
Water Well**

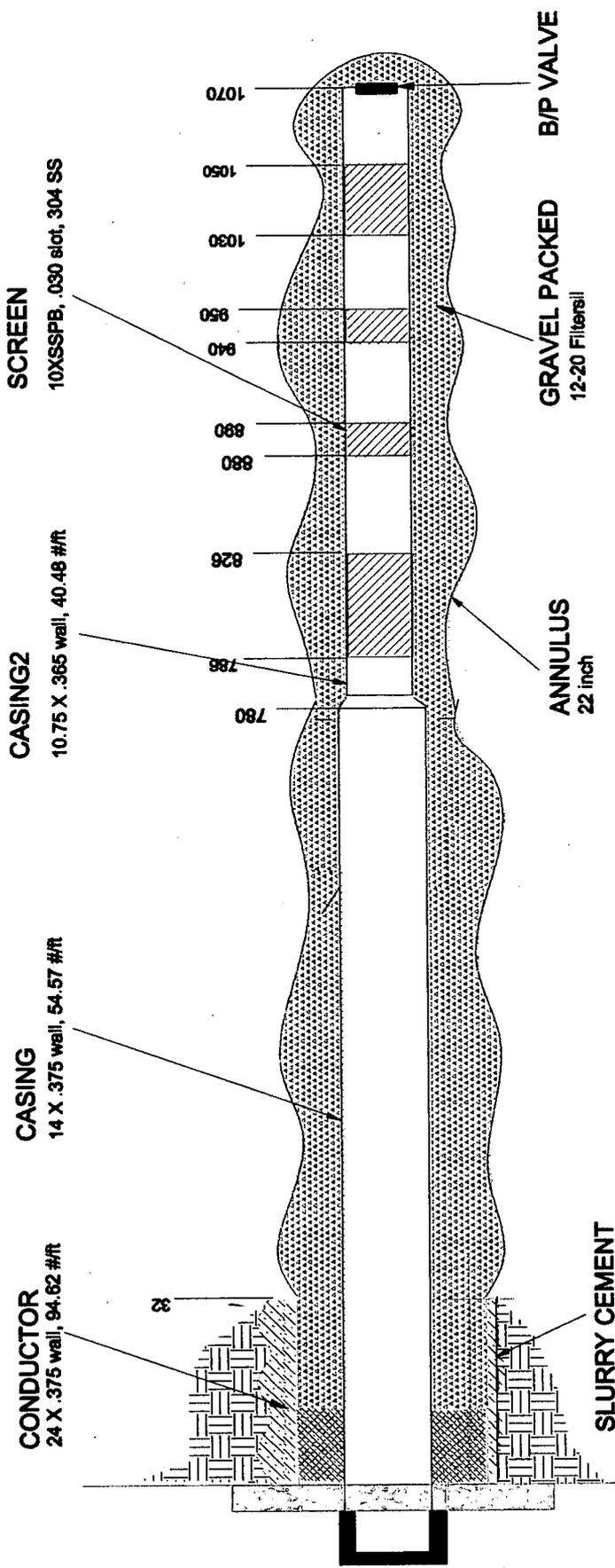
Driller's Log

0	-	30	24 Inch Conductor
30	-	40	Sand & Clay
40	-	60	Clay
60	-	100	Sand
100	-	140	Shale
140	-	170	Shale & Sand Streaks
170	-	300	Shale
300	-	360	Shale & Sand Streaks
360	-	385	Sand
385	-	420	Sand & Shale Streaks
420	-	470	Shale & Sand Streaks
470	-	520	Hard Sand
520	-	600	Hard Shale
600	-	680	Rocks & Sand
680	-	700	Sand & Shale
700	-	800	Hard Shale
800	-	820	Sand & Rocks
820	-	850	Hard Clay & Shale
850	-	890	Hard Sand & Rocks
890	-	1005	Hard Shale
1005	-	1050	Sand & Shale
1050	-	1105	Hard Shale
1105	-	1120	Hard Sand
1120	-	1265	Hard Shale
1265	-	1390	Hard Shale & Rocks
1390	-	1415	Hard Sand
1415	-	1420	Hard Shale
1420	-	1430	Sand & Hard Shale
1430	-	1450	Hard Shale
1450	-	1460	Hard Sand & Shale
1460	-	1511	Hard Shale

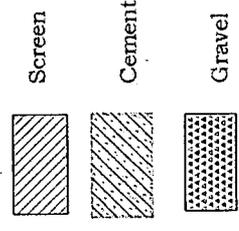
**City of Huntsville
Raven Nest Golf Course
Irrigation Water Well**

Installed Material Record

<u>Item</u>	<u>Description</u>	<u>Amount</u>	<u>Remarks</u>
Conductor	24" O.D. X .375 Wall 94.62 #/ft., PEB, CS	30 Ft.	J & S Water Wells
Cement	Slurry	5 Yards	Transit Mix Concrete
Casing	14" O.D. X .375 Wall, 54.62 #/ft., API5LB, CS, ERW, PEB, DRL	780 Ft.	J.D.Fields & Company
Cement	Tremie Method	144 Sacks	J & S Water Wells
Casing 2	10.75" O.D. X .365 Wall, 40.48 #.ft., API5LB, CS, ERW, PEB, DRL	210 Ft.	J.D. Fields & Company
Screen	10" X SSPB, 304 SS, .030" Slot	80 Ft.	Johnson/Niagara Screen
Gravel	12-20 Filtersil	48 Cu.Yds.	Unimin Corp.
Centralizers	Standard 14" X 20"	10	Industrial Rubber,Inc.
B/P Valve	10" X 4" Standard Swage 4" Saw Tooth Nipple 4" Wash Plug	1 1 1	B.P. Seal Company



LEGEND



- 1) Not to scale
- 2) Cement Plugback @ 1060 feet

CITY OF HUNTSVILLE	
Raven Nest Golf Course Irrigation Water Well Huntsville, Texas	
JOB NO.	250104
ISSUED BY: JLS	
DATE: 6/10/02	

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation
Water Well Driller/Pump Installer Program
 P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8676
 Toll free (800) 803-9202
 Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER		Name		Address		City		State		Zip	
Thomas Harris c/o Rick Renfro w/ Christian Builders		Rt 4 Box 3861		Trinity		TX		TX		75862	

2) WELL LOCATION		County		Physical Address		City		State		Zip	
Walker 236		Robinson Creek Rd		Huntsville		TX		TX		77320	

3) Type of Work		Lat.		Long.		Grid #		5) NT	
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning						60-20-5			
4) Proposed Use (check)		<input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell		<input checked="" type="checkbox"/> Domestic					
		If Public Supply well, were plans submitted to the TNRCC?		<input type="checkbox"/> Yes <input type="checkbox"/> No					

6) Drilling Date		Diameter of Hole			7) Drilling Method (check)		
Started 5/13/02		Dia. (in) From (ft) To (ft)			<input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other		
Completed 5/14/02		6.75 -1.5 193					

From (ft)	To (ft)	Description and color of formation material	8) Borehole Completion <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Under-reamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other					
0	1	Bit t.s.	If Gravel Packed give the interval from _____ ft. to _____ ft.					
1	16	Red sdy cl	Casing, Blank Pipe, and Well Screen Data					
16	21	W & br.cl.	Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
21	41	Sdy br.cl.	4	N	PVC Casing	-1.5	179	
41	61	Br. & w.cl.	2.5	N	U.C. Screen	183	193	#10
61	71	Br.cl.						
71	81	w.cl.						
81	98	Br.&w.cl.						
98	103	Sd.st.						
103	116	Br. & w.cl.						
116	121	Sd						
121	131	Sd.&gr.						

9) Cementing Data		Cementing from -1.5 ft. to 20 ft. # of sacks used 4	
		29 ft. to 179 ft. # of sacks used 7	
Method Used Pressure		Cementing By R. McPike	
Cementing within 48 hours		Distance to septic system field or other concentrated contamination _____ ft.	
13) Plugged <input type="checkbox"/> Well plugged within 48 hours		Method of verification of above distance _____	
Casing left in well:		Cement/Bentonite placed in well:	
From (ft)	To (ft)	From (ft)	To (ft)

14) Typepump		<input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other	
Depth to pump bowls, cylinder, jet, etc., 160 ft.			

15) Water Test		<input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: 10 gpm with _____ ft. drawdown after _____ hrs.	
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16) Water Quality		Did you knowingly penetrate any strata which contain undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If yes, did you submit a REPORT OF UNDESIRABLE WATER? Type of water Good Depth of Strata 37 Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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 TDLR MAIL ROOM CB

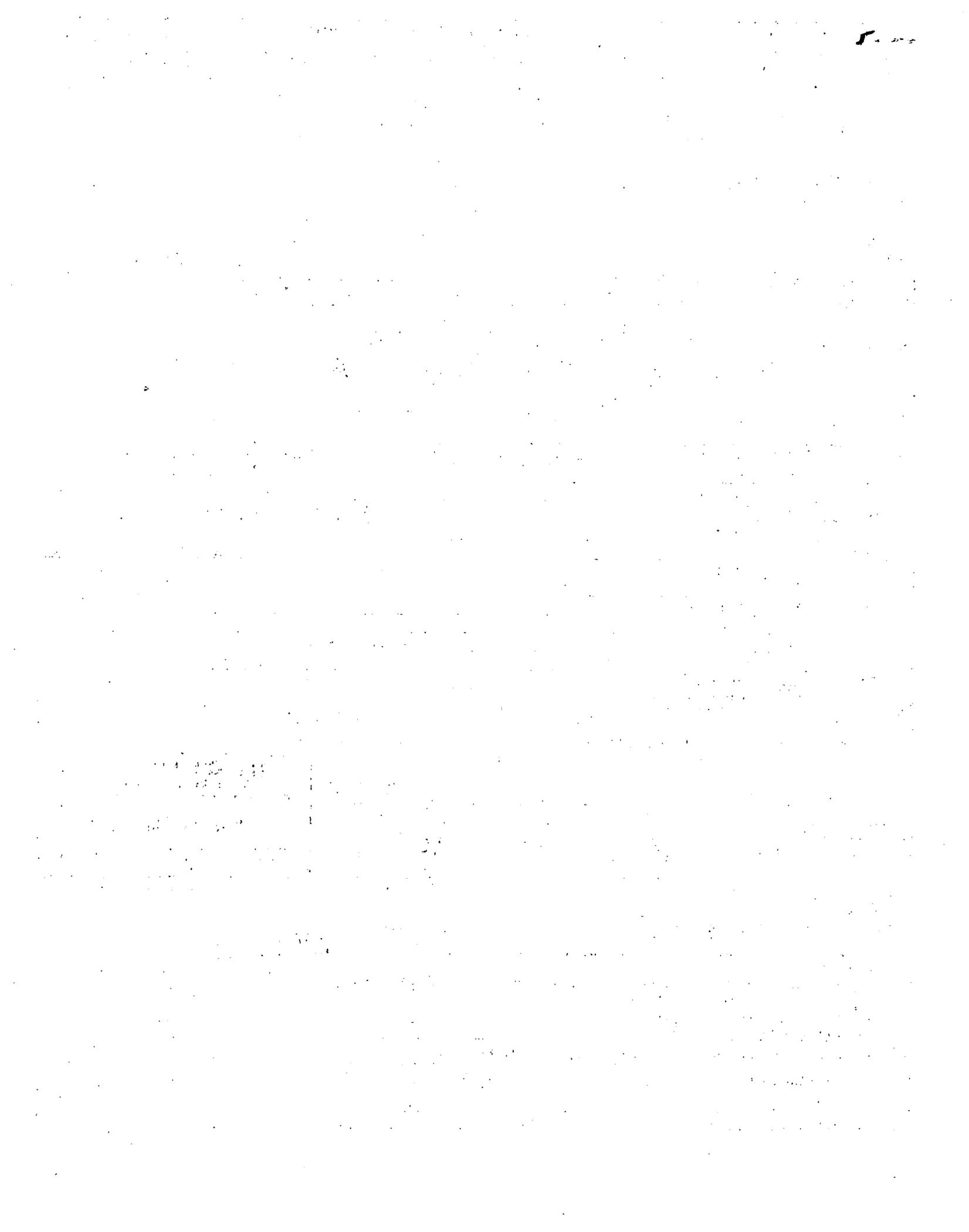
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NOV 22 2004

TCEQ - CENTRAL FILE ROOM

Company or Individual's Name (type or print) Holly Water Wells, LTD		Lic. No. 3114W	
Address 2928 State Hwy 19		City Huntsville State TX Zip 77320	
Signature <i>Raymond McPike</i>		Signature _____	
Licensed Driller/Pump Installer		Apprentice	
Date _____		Date _____	



#12 WALKER

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas WATER WELL REPORT

For TDWR use only Well No. 60-20-50 Located on map Yes Received: C.F.S.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Ralph Hightower Address Rt. 2 Box 267 Huntsville, Texas 77340
2) LOCATION OF WELL: County Walker 2 miles in SSW direction from Huntsville

Legal description: Section No. Block No. Township Abstract No. Survey Name Distance and direction from two intersecting section or survey lines See attached map. Map on 60-13-6E

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging
4) PROPOSED USE (Check): Domestic Industrial Public Supply Irrigation Test Well Other
5) DRILLING METHOD (Check): Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other

6) WELL LOG: Date drilled 3-4-83 DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) 6 1/2 Surface 225
7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other If Gravel Packed give interval ... from ... ft. to ... ft.

Table with 5 columns: From (ft.), To (ft.), Description and color of formation material, Dia. (in.), New or Used, Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial, Setting (ft.) From To, Gage Casing Screen. Rows include 0-4 top soil, 4-8 red clay, 8-22 sandy red clay, 22-42 red clay, 42-72 sand, 72-75 white clay, 75-82 sand, 82-112 white clay, 112-122 sandy white clay, 122-138 white clay, 138-142 sand, 142-146 white clay, 146-188 coarse sand, 188-202 white clay, 202-225 sand.

CEMENTING DATA Cemented from 213 ft. to 163 ft. Method used Pressure Cemented by Henry Lee (Company or Individual)

9) WATER LEVEL: Static level 156 ft. below land surface Date 3-5-83 Artesian flow gpm. Date

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APR 13 1983

DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

10) PACKERS: Type Depth Lead L 209

11) TYPE PUMP: Turbine Jet Submersible Cylinder Other Depth to pump bowls, cylinder, jet, etc., 200 ft.

12) WELL TESTS: Type Test: Pump Bailer Jetted Estimated Yield: gpm with ft. drawdown after hrs.
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? good Depth of strata 23 ft. Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME RALPH A. CADWALLADER, Henry Lee Water Well Drillers Registration No. 2026, 2221 ADDRESS P.O. Box 638 Riversdie, Texas 77367 (Signed) Ralph A. Cadwallader Holly Water Well Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

**IMPORTANT NOTICE FOR PERSONS
HAVING WELLS DRILLED CONCERNING
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

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10 11 1986
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Send original copy by certified mail to the Texas Water Development Board, P.O. Box 12386, Austin, Texas 78711

State of Texas WATER WELL REPORT

For TWDB use only Well No. 60-20-513 Located on map VC 5 Received: 6/8 Form GW 8 Form GW 9

OWNER: Person having well drilled MANDY RUNNELS Address Rt. 2 Box 217 HUNTSVILLE TEXAS Landowner (SAME) Address

LOCATION OF WELL: County WALKER Labor League WM MOCK (1) Abstract No. 347 NW 1/4 NE 1/4 SW 1/4 SE 1/4 of Section Block No. Survey H

miles in SW direction from HUNTSVILLE (Town) Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check): New Well [X] Deepening [] Reconditioning [] Plugging [] 4) PROPOSED USE (Check): Domestic [X] Industrial [] Municipal [] Irrigation [] Test Well [] Other [] 5) TYPE OF WELL (Check): Rotary [X] Driven [] Dug [] Cable [] Jetted [] Bored []

6) WELL LOG: Diameter of hole 3 1/2 in. Depth drilled 88 ft. Depth of completed well 88 ft. Date drilled 4-15-68 All measurements made from 0 ft. above ground level.

Table with 3 columns: From (ft.), To (ft.), Description and color of formation material. Rows include SANDY TOP SOIL, RED SHALE, SANDY RED SHALE, WHITE SHALE, FINE WHITE SAND, WHITE SHALE, WHITE SAND.

Table with 3 columns: From (ft.), To (ft.), Description and color of formation material. Includes note: (Use reverse side if necessary)

7) COMPLETION (Check): Straight wall [X] Gravel packed [] Other [] Under reamed [] Open hole []

8) WATER LEVEL: Static level 51 ft. below land surface Date 4-15-68 Artesian pressure lbs. per square inch Date

9) CASING: Type: old [] New [X] Steel [] Plastic [X] Other [] Cemented from 0 ft. to 74 ft.

10) SCREEN: Type PLASTIC Perforated [] Slotted []

Table with 4 columns: Diameter (inches), Setting (From/To ft.), Gage. Row: 2 inches, 1' ABOVE GROUND to 78, STANDARD 1/2" #40

Table with 4 columns: Diameter (inches), Setting (From/To ft.), Slot size. Row: 2 inches, 78 to 88, #12

11) WELL TESTS: Was a pump test made? [X] Yes [] No If yes by whom? JAMES H. SUGG JR. Yield: 517 gpm with 9 ft. drawdown after 3 hrs

12) PUMP DATA: Manufacturer's Name RUTH BERRY Type JP2D JET H.P. 3/4 Designed pumping rate 340 gpm gph [X] Type power unit ELECTRIC Depth to bowls, cylinder, jet, etc., 70 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. NAME JAMES H. SUGG JR. Water Well Drillers Registration No. 1006 Address 6705 THORN WALK HOUSTON TEXAS (Signed) James H. Sugg Jr. SUGG & SMITH DRILLING CO.

Please attach electric log, chemical analysis, and other pertinent information, if available.

10

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JUN - 6 1958

Central Records
Texas Water Development Board

TEXAS WATER
DEVELOPMENT BOARD

JUN 23 1958

RECEIVED

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

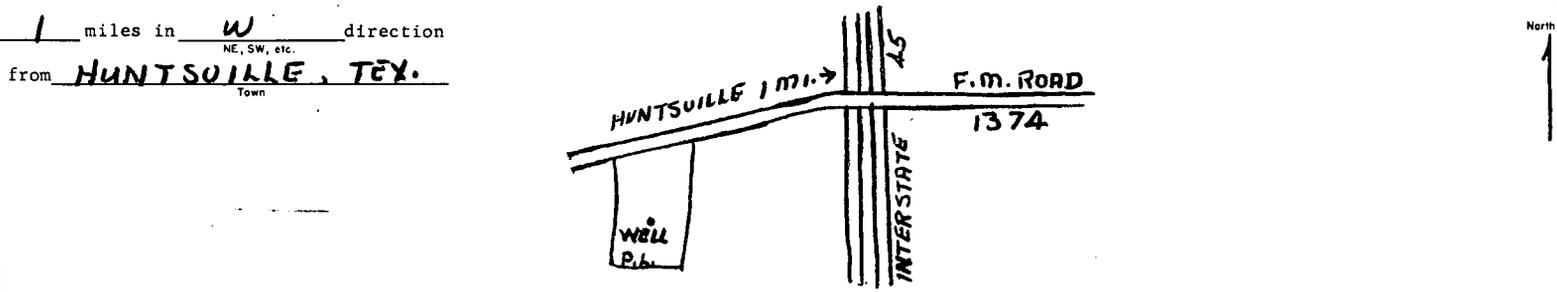
For use by TWC only
Well No. 60-20-59
Located on map 444
By AW Date 9/27/63
Map no. 236

1) Well Owner: MR. EDWARD MITCHELL RT 2 HUNTSVILLE, TEXAS
Street or RFD City State

2) Land Owner: _____
Street or RFD City State

3) Intended use: Industrial ; Municipal ; Irrigation ; Other DOMESTIC

4) Location of well: County WALKER Labor _____ League _____ Abstract No. _____
NW 1/4 NE 1/4 SW 1/4 SE 1/4 of Section Block No. Survey
(Circle as many as are known)



Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: ROTARY Diameter of hole 6 in. Date drilled SEPT 27 1963

All measurements made from _____ ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	101	SAND & CLAY	370	375	SAND
101	141	SHALE	375	382	HARD LIME + CLAY
141	194	HARD SAND	382	402	SANDY SHALE
194	250	STICKY CLAY	402	422	BLUE SANDY SHALE
250	300	SANDY CLAY	422	453	SOFT SAND
300	315	HARD LIME + CLAY	453	460	SAND + CLAY
315	325	HARD SAND	460	476	CLAY T.D.
325	370	SANDY SHALE			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall
 Under reamed
 Gravel packed
 Open hole
 Other _____

CASING

Type: Old New
 Cemented from _____ ft.
 to _____ ft.

Diameter (inches)	Setting	
	from (ft)	to (ft)
4 I.D.	0	438

SCREEN

Type STAINLESS STEEL BAR-LUG
.012 GAUGE
 Perforated Slotted

Diameter (inches)	Setting	
	from (ft)	to (ft)
4"	438	453

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Driller Jerry Kerns P.O. 304 487 CONROE TEX. Reg. No. 2516
Street City State

Please attach electric log, chemical analysis, and other pertinent information if available.

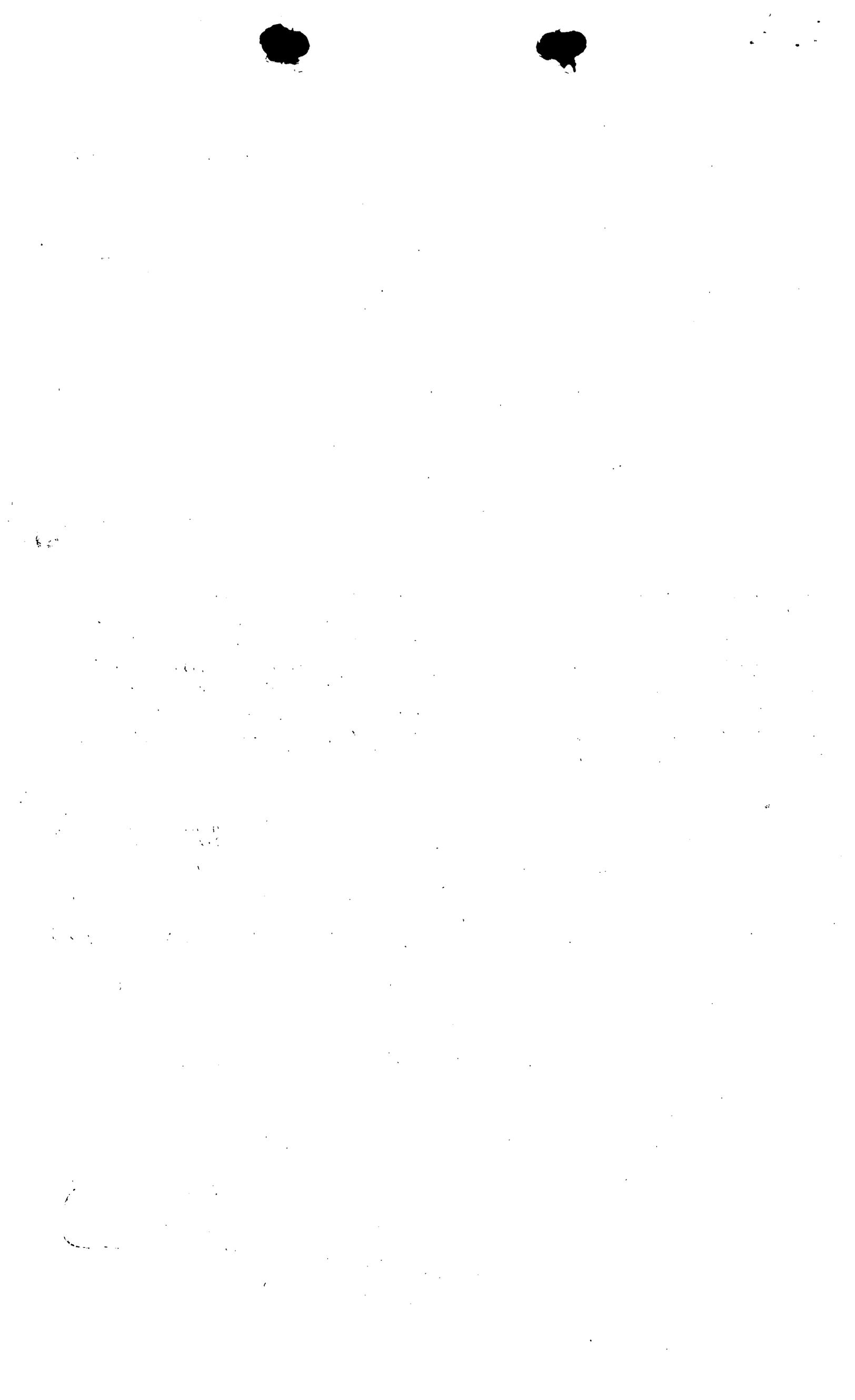
If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level <u>231'</u>		
ft. below <u>GROUND LEVEL</u>		
Pumping level		
feet	hours	gpm
-	12	25

Pump type 46251-25A18E REDA SUB.
 Designed pumping rate 25 gpm gph
 Type power unit REDA ELECTRIC
 Horsepower 2
 Depth to bowls, cylinder, jet, etc., 294 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____



#1

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only Well No. 60-20-SC Located on map 1000 Received: 7/9/84

1) OWNER EVONNE HIGHTOWER (Name) Address RT 2 Box 227 HUNTSVILLE TEXAS 77340 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County WALKER 4 miles in W direction from HUNTSVILLE (Town) (N.E., S.W., etc.)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines... [] Legal description: Section No. Block No. Township Abstract No. Survey Name Distance and direction from two intersecting section or survey lines [X] See attached map. 1

3) TYPE OF WORK (Check): [X] New Well [] Deepening [] Reconditioning [] Plugging 4) PROPOSED USE (Check): [X] Domestic [] Industrial [] Public Supply [] Irrigation [] Test Well [] Other 5) DRILLING METHOD (Check): [X] Mud Rotary [] Air Hammer [] Driven [] Bored [] Air Rotary [] Cable Tool [] Jetted [] Other

6) WELL LOG: Date drilled 6-25-79 DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) 6 1/2 Surface 142 7) BOREHOLE COMPLETION: [] Open Hole [X] Straight Wall [] Underreamed [] Gravel Packed [] Other If Gravel Packed give interval ... from ... ft. to ... ft.

Table with 4 columns: From (ft.), To (ft.), Description and color of formation material, 8) CASING, BLANK PIPE, AND WELL SCREEN DATA: Dia. (in.), New or Used, Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial, Setting (ft.) From To, Gage Casing Screen. Rows include SAND, RED CLAY, SAND, BROWN CLAY, SAND, and 4 N PLASTIC.

CEMENTING DATA Cemented from ... ft. to ... ft. Method used Cemented by (Company or Individual)

9) WATER LEVEL: Static level 60 ft. below land surface Date 6-25-79 Artesian flow gpm. Date

10) PACKERS: Type RUBBER Depth 132

11) TYPE PUMP: [] Turbine [] Jet [X] Submersible [] Cylinder [] Other Depth to pump bowls, cylinder, jet, etc., 128 ft.

12) WELL TESTS: [] Type Test: [] Pump [] Bailer [] Jetted [] Estimated Yield: gpm with ft. drawdown after hrs. 13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? [] Yes [] No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? Good Depth of strata 19 Was a chemical analysis made? [] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME E.A. HOLLY (Type or Print) Water Well Drillers Registration No. 801 ADDRESS Box 37 RIVERSIDE TEXAS 77367 (Street or RFD) (City) (State) (Zip) (Signed) E.A. HOLLY (Water Well Driller) E.A. HOLLY CO. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

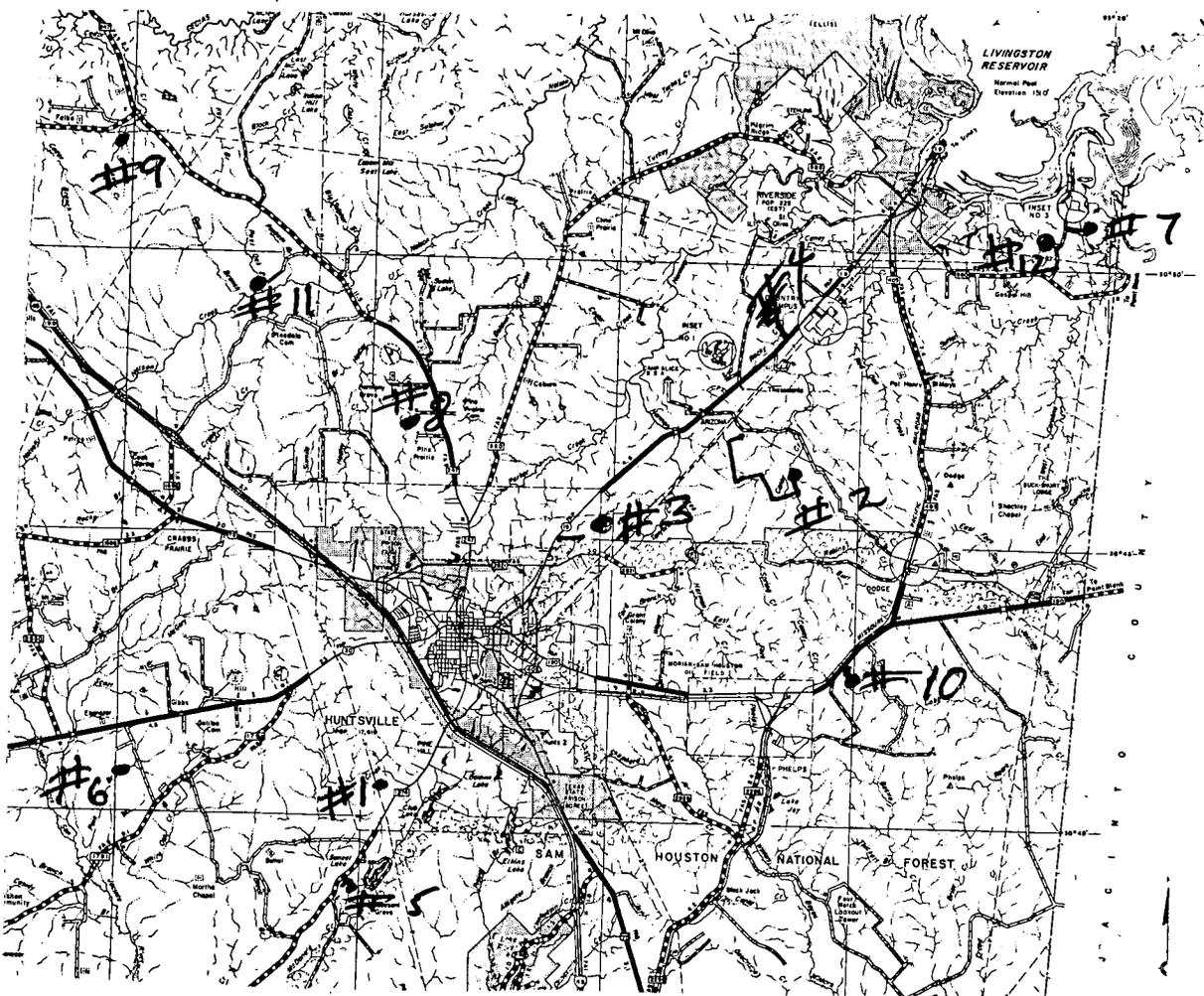
**IMPORTANT NOTICE FOR PERSONS
HAVING WELLS DRILLED CONCERNING
PRIVILEGE OF CONFIDENTIALITY**

RECEIVED
JUN 29 1979
DEPT. OF
WATER RESOURCES

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).



AUG 13 '79
CR/IDWR

#2 W.K.K.

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas WATER WELL REPORT

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Mary Harrison Address POBox 1021 Huntsville, Texas 77340
2) LOCATION OF WELL: County Walker 2 miles in SW direction from Huntsville

Legal description: Section No. Block No. Township Abstract No. Survey Name Distance and direction from two intersecting section or survey lines See attached map. on 60-13-7 over

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging
4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other
5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG: Date Drilling: Started 2-14-89 Completed 2-15-89 DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) 6.5 Surface 194

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other If Gravel Packed give interval . . . from ft. to ft.

Table with 3 columns: From (ft.), To (ft.), Description and color of formation material. Rows include 0-2 top soil, 2-7 brown clay, 7-14 sand, 14-39 white and brown clay, 39-44 sand, 44-112 brown clay, 112-119 sand, 119-121 clay, 121-152 sand, 152-167 brown clay, 167-194 sand.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA: Table with 5 columns: Dia. (in.), New or Used, Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial, Setting (ft.) From To, Gage Casing Screen. Rows include 4 N PVC -1.5 174 40 and 2 N PVC UC 189 179 #10.

9) CEMENTING DATA [Rule 319.44(b)] Cemented from 174 ft. to 74 ft. No. of Sacks Used 6 0 ft. to 15 ft. No. of Sacks Used 2 Method used Pressure Cemented by Henry Lee

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL: Static level ft. below land surface Date Artesian flow gpm. Date

12) PACKERS: Type Depth Rubber 170

13) TYPE PUMP: Turbine Jet Submersible Cylinder Other Depth to pump bowls, cylinder, jet, etc., 160 ft.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? good Depth of strata 27 ft. Was a chemical analysis made? Yes No

14) WELL TESTS: Type Test: Pump Bailer Jetted Estimated Yield: 20 gpm with ft. drawdown after hrs.

RECEIVED MAR 10 1989

TEXAS WATER COMMISSION

(Use reverse side if necessary)

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME HOLLY WATER WELLS Water Well Driller's License No. 2026

ADDRESS 607 Hwy 19 Huntsville, Texas 77340

(Signed) [Signature] (Licensed Water Well Driller) (Signed) [Signature] (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 60-20-5 Located on map

9m: NISL
9m: WIEL

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER NIDOM MUNS (Name) Address 3701 SPRING DR. HUNTSVILLE TX (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County WALKER 3 miles in S direction from HUNTSVILLE (Town)

Legal description:
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
 See attached map. map on 60-29-8 over

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging
4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other _____
5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 8/3/86
DIAMETER OF HOLE
Dia. (in.) From (ft.) To (ft.)
Surface
6 1/2 0 164
7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
0	3	SAND	Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial Setting (ft.) From To Gage Casing Screen
3	14	Red CLAY	
14	32	Red & White CLAY	4" New PVC 0 144
32	45	SAND	4" New PVC Slotted 144 164 12ga
45	125	White CLAY	
125	164	SAND	

CEMENTING DATA
Cemented from 0 ft. to 30 ft.
Method used GRAVITY
Cemented by BW W
(Company or Individual)

9) WATER LEVEL:
Static level 125 ft. below land surface Date 8/7/86
Artesian flow _____ gpm. Date _____

RECEIVED
OCT - 3 1986

10) PACKERS: Type Depth
4x6 FORMATION 30 & 144'

TEXAS WATER COMMISSION
(Use reverse side if necessary)

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 143' ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

12) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
Yield: 25 gpm with 20 ft. drawdown after 6 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Ballard's Water Well (Type or Print) Water Well Driller's License No. 2384
ADDRESS P.O. Box 2004 (Street or RFD) Willis (City) Texas (State) 77378 (Zip)
(Signed) Charles A. Ballard (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TDWR use only Well No. 60-20-5 Located on map _____

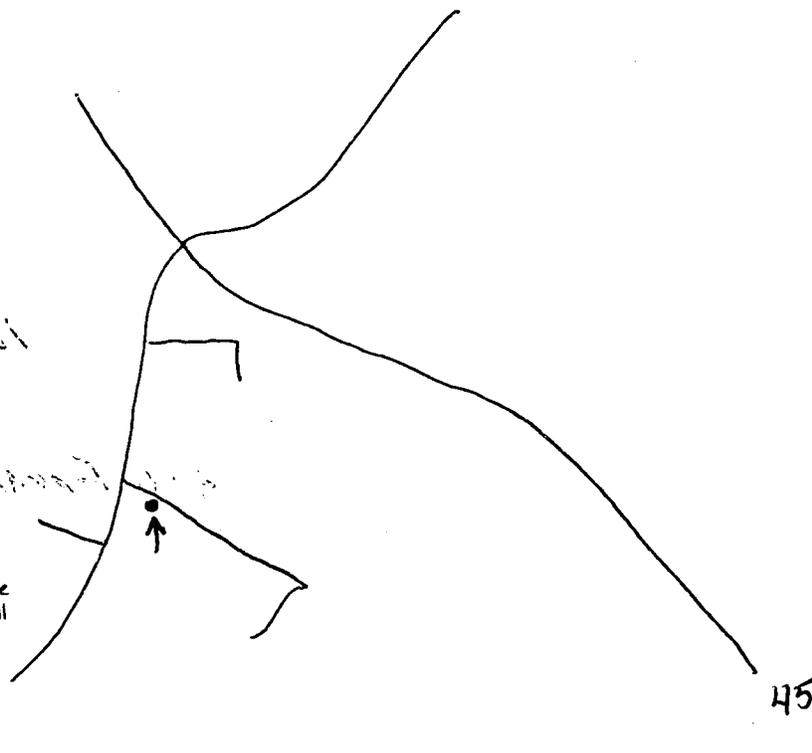
2000 10/10/11
2000 10/10/11

**IMPORTANT NOTICE FOR PERSONS
HAVING WELLS DRILLED CONCERNING
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).



ATTENTION OWNER: Confidentiality
Privilege Notice on on reverse side
of Well Owner's copy (pink)

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER: Page Miller (Name) ADDRESS: 69 White Rd. Huntsville Tx 77340 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County Walker 69 White Rd. Huntsville Tx 77340 (Street, RFD or other) (City) (State) (Zip) GRID # 60-20-5
Haley Rd

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check): Monitor Environmental Soil Boring Domestic
 Industrial Irrigation Injection Public Supply De-watering Testwell
 If Public Supply well, were plans submitted to the TNRCC? Yes No

6) WELL LOG:
Date Drilling:
Started 8-1 1997
Completed 8-3- 1997

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
10"	Surface	10'
6 3/4	10'	183'
5 7/8	173	187'

7) DRILLING METHOD (Check): Driven
 Air Rotary Mud Rotary Bored
 Air Hammer Cable Tool Jetted
 Other _____

From (ft.)	To (ft.)	Description and color of formation material
0-10		Sand
10-36		Clay
36-55		Sand
55-69		clay
69-72		Rock
72-109		Sand
109-158		clay
158-163		Rock
163-174		Shale
174-185		Sand
185-187		clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): Open Hole Straight Wall
 Underreamed Gravel Packed Other _____
 If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen
			From	To	
4	N	PVC	0	173'	+40
2	N	PVC Blank	169'	177'	+40
2	N	PVC Screen	177'	187'	+8

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., 83' ft.

9) CEMENTING DATA [Rule 338.44(1)]
 Cemented from 173' ft. to 73' ft. No. of sacks used 5
0 ft. to 10' ft. No. of sacks used 6
 Method used pressure
 Cemented by Richard A. Klee
 Distance to septic system field lines or other concentrated contamination 157' ft.
 Method of verification of above distance Tape

14) WELL TESTS:
 Type test: Pump Bailer Jetted Estimated
 Yield: 60 gpm with _____ ft. drawdown after _____ hrs.

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 338.44(2)(A)]
 Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
 Pitless Adapter Used [Rule 338.44(3)(b)]
 Approved Alternative Procedure Used [Rule 338.71]

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable constituents?
 Yes No If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? good Depth of strata 11'
 Was a chemical analysis made? Yes No

11) WATER LEVEL:
 Static level 36' ft. below land surface Date 8-2-97
 Artesian flow _____ gpm. Date _____

12) PACKERS: Rubber Type K Depth 169'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME <u>Gray's Water Well</u> (Type or print)	WELL DRILLER'S LICENSE NO. <u>799160PK</u>	FILE ID	SEQ #
ADDRESS <u>P.O. Box 1788</u> (Street or RFD)	<u>Trinity</u> (City)	<u>SEP 30 1998</u> (Date)	<u>TS862</u> (Zip)
(Signed) <u>Vernon Gray</u> (Licensed Well Driller)	(Signed) <u>Richard A. Klee</u> (Registered Driller Trainee)	COMMENT	TEMP

Please attach electric log, chemical analysis, and other pertinent information, if available.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-371-6299																							
1) OWNER <u>Ronnie White</u> (Name) ADDRESS <u>Pine Hill Rd. Hunterville 77340</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL: County <u>Walker</u> <u>Pine Hill Rd. Hunterville TX 77340</u> (Street or RFD) (City) (State) (Zip) STATE WELL # <u>60-20-5</u>																									
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)																							
6) WELL LOG: Date Drilling: Started <u>6-12-1996</u> Completed <u>6-21-1996</u>		DIAMETER OF HOLE <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Dia. (in.)</th> <th style="width:20%;">From (ft.)</th> <th style="width:20%;">To (ft.)</th> </tr> <tr> <td><u>6 3/4</u></td> <td>Surface</td> <td><u>387</u></td> </tr> <tr> <td><u>3 7/8</u></td> <td><u>387</u></td> <td><u>406</u></td> </tr> </table>		Dia. (in.)	From (ft.)	To (ft.)	<u>6 3/4</u>	Surface	<u>387</u>	<u>3 7/8</u>	<u>387</u>	<u>406</u>	7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____														
Dia. (in.)	From (ft.)	To (ft.)																									
<u>6 3/4</u>	Surface	<u>387</u>																									
<u>3 7/8</u>	<u>387</u>	<u>406</u>																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">From (ft.)</th> <th style="width:15%;">To (ft.)</th> <th style="width:70%;">Description and color of formation material</th> </tr> <tr> <td></td> <td></td> <td><u>0-4 Sand</u></td> </tr> <tr> <td></td> <td></td> <td><u>4-24 Clay</u></td> </tr> <tr> <td></td> <td></td> <td><u>24-38 Sand</u></td> </tr> <tr> <td></td> <td></td> <td><u>38-129 Clay</u></td> </tr> <tr> <td></td> <td></td> <td><u>129-145 Sand</u></td> </tr> <tr> <td></td> <td></td> <td><u>145-387 Clay</u></td> </tr> <tr> <td></td> <td></td> <td><u>387-406 Sand</u></td> </tr> </table>		From (ft.)	To (ft.)	Description and color of formation material			<u>0-4 Sand</u>			<u>4-24 Clay</u>			<u>24-38 Sand</u>			<u>38-129 Clay</u>			<u>129-145 Sand</u>			<u>145-387 Clay</u>			<u>387-406 Sand</u>	8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.	
From (ft.)	To (ft.)	Description and color of formation material																									
		<u>0-4 Sand</u>																									
		<u>4-24 Clay</u>																									
		<u>24-38 Sand</u>																									
		<u>38-129 Clay</u>																									
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		<u>145-387 Clay</u>																									
		<u>387-406 Sand</u>																									
		CASING, BLANK PIPE, AND WELL SCREEN DATA:																									
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="2" style="width:10%;">Dia. (in.)</th> <th rowspan="2" style="width:10%;">New or Used</th> <th rowspan="2" style="width:40%;">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2" style="width:20%;">Setting (ft.)</th> <th rowspan="2" style="width:10%;">Gage Casting Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> <tr> <td><u>4</u></td> <td><u>N</u></td> <td><u>PVC</u></td> <td><u>0</u></td> <td><u>387</u></td> <td><u>40</u></td> </tr> <tr> <td><u>2</u></td> <td><u>N</u></td> <td><u>PVC</u></td> <td><u>387</u></td> <td><u>406</u></td> <td><u>#10</u></td> </tr> </table>				Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen	From	To	<u>4</u>	<u>N</u>	<u>PVC</u>	<u>0</u>	<u>387</u>	<u>40</u>	<u>2</u>	<u>N</u>	<u>PVC</u>	<u>387</u>	<u>406</u>	<u>#10</u>		
Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen																						
			From	To																							
<u>4</u>	<u>N</u>	<u>PVC</u>	<u>0</u>	<u>387</u>	<u>40</u>																						
<u>2</u>	<u>N</u>	<u>PVC</u>	<u>387</u>	<u>406</u>	<u>#10</u>																						
		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>387</u> ft. to <u>287</u> ft. No. of sacks used <u>10</u> <u>0</u> ft. to <u>10</u> ft. No. of sacks used <u>5</u> Method used <u>Pressure</u> Cemented by <u>Richard McKee</u> Distance to septic system field lines <u>155</u> ft. Method of verification of above distance <u>Tape Measure</u>																									
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>280</u> ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																									
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>180</u> ft. below land surface Date <u>6-21-96</u> Artesian flow _____																									
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? <u>Good</u> Depth of strata <u>19</u> Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: <u>Rubber</u> Type <u>1C</u> Depth <u>380</u> <div style="text-align: center; font-size: 2em; border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED JUN 1997 </div>																									
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																											
COMPANY NAME <u>Gray's Water Well Ser</u> (Type or print) WELL DRILLER'S LICENSE NO. <u>2011 WPK</u>																											
ADDRESS <u>PO Box 1788 TRINITY</u> (Street or RFD) (City) (State) (Zip)																											
(Signed) <u>Vernon Gray</u> (Licensed Well Driller)		(Signed) <u>Richard McKee</u> (Registered Driller Trainee)																									

Please attach electric log, chemical analysis, and other pertinent information, if available.

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER Rich Dupuy ADDRESS PO Box 7138 Huntsville Tx 77342
(Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: Walker Bawden rd. STATE WELL # _____
County (Street or RFD) (City) (State) (Zip)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check): Monitor Environmental Soil Boring Domestic
 Industrial Irrigation Injection Public Supply De-watering Testwell
If Public Supply well, were plans submitted to the TNRCC? Yes No

5) 60-70-5

6) WELL LOG:
Date Drilling: _____
Started 3-7 19 96
Completed 3-11 19 96

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6.5	Surface	165

7) DRILLING METHOD (Check): Driven
 Air Rotary Mud Rotary Bored
 Air Hammer Cable Tool Jetted
 Other _____

From (ft.)	To (ft.)	Description and color of formation material
0-1		top soil
1-11		br sdy cl
11-31		w cl
31-41		sd st
41-61		br cl w/sd st
61-81		gray cl
81-85		cl
85-91		sd & gr
91-98		br cl
98-111		bl cl
111-121		cl w/ sd st
121-133		loosed & gr
133-139		bl cl
139-145		sd st
145-146		rock

8) Borehole Completion (Check): Open Hole Straight Wall
 Underreamed Gravel Packed Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen
			From	To	
4	N	PVC	-1.5	152	40
2	N	stainless steel	152	162	10

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from -1.5 ft. to 12 ft. No. of sacks used 1
52 ft. to 152 ft. No. of sacks used 7
Method used pressure
Cemented by McPike
Distance to septic system field lines _____ ft.
Method of verification of above distance No septic

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 140 ft.

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 338.44(2)(A)]
 Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
 Pitless Adapter Used [Rule 338.44(3)(b)]
 Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: Pump Bailer Jetted Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 70 ft. below land surface Date 3-11-96
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
 Yes No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? good Depth of strata 19
Was a chemical analysis made? Yes No

12) PACKERS:

Type	Depth
1 ea 2 1/2" LxR K-packer	143

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Holly Water Well WELL DRILLER'S LICENSE NO. 3114 W
(Type or print)
ADDRESS 607 HWY 19 huntsville Tx 77340
(Street or RFD) (City) (State) (Zip)
(Signed) _____ (Signed) _____
(Licensed Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

#12 WALKER

Send original copy by certified mail to: Texas Water Commis. P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: Confidentially
Privileged Notice on Reverse Side

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Suler Ryan ADDRESS 3749 Summer Lane Huntsville, TX 77340
 (Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
 County Walker 2 miles in South idiot direction from Huntsville,
 (NE, SW, etc.) (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
 Distance and direction from two intersecting section or survey lines _____

SEE ATTACHED MAP

on 60-11-5

3) TYPE OF WORK (Check):

New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):

Domestic Industrial Monitor Public Supply
 Irrigation Test Well Injection De-Watering

5) DRILLING METHOD (Check):

Mud Rotary Air Hammer Jetted Bored
 Air Rotary Cable Tool Other _____

6) WELL LOG:

Date Drilling:
 Started 8-8-90 19__
 Completed 8-10-90 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6.5	Surface	212

7) BOREHOLE COMPLETION:

Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval ... from _____ ft. to _____ ft.

From (ft.) To (ft.) Description and color of formation material

0-2	top soil
2-12	brown clay
12-60	sand
60-78	sandy clay
78-122	white clay
122-147	brown clay
147-152	sand
152-162	sandy clay
162-179	brown clay
179-212	sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., If commercial	Setting (ft.)		Gage Casting Screen
			From	To	
4	N	PVC	-1.5	191	40
2	N	PVC UC	192	212	#10

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 19 ft. to 91 ft. No. of Sacks Used 7
0 ft. to 15 ft. No. of Sacks Used 2
 Method used Pressure
 Cemented by Raymond McPike

13) TYPE PUMP:

Turbine Jet Submersible Cylinder
 Other _____

Depth to pump bowls, cylinder, jet, etc., 160 ft.

14) WELL TESTS:

Type Test: Pump Bailor Jetted Estimated
 Yield: 25 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:

Did the drilling penetrate any strata which contained undesirable constituents?
 Yes No If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? good Depth of strata 33 ft
 Was a chemical analysis made? Yes No

10) SURFACE COMPLETION

Specified Surface Slab Installed [Rule 287.44(2)(A)]
 Pileless Adapter Used [Rule 287.44(3)(B)]
 Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:

Static level 114 ft. below land surface Date 8-10-90
 Artesian flow _____ gpm. Date _____

12) PACKERS:

Type Depth
Rubber 175

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Holly Water Wells
 (Type or print)

WELL DRILLER'S LICENSE NO. 2026

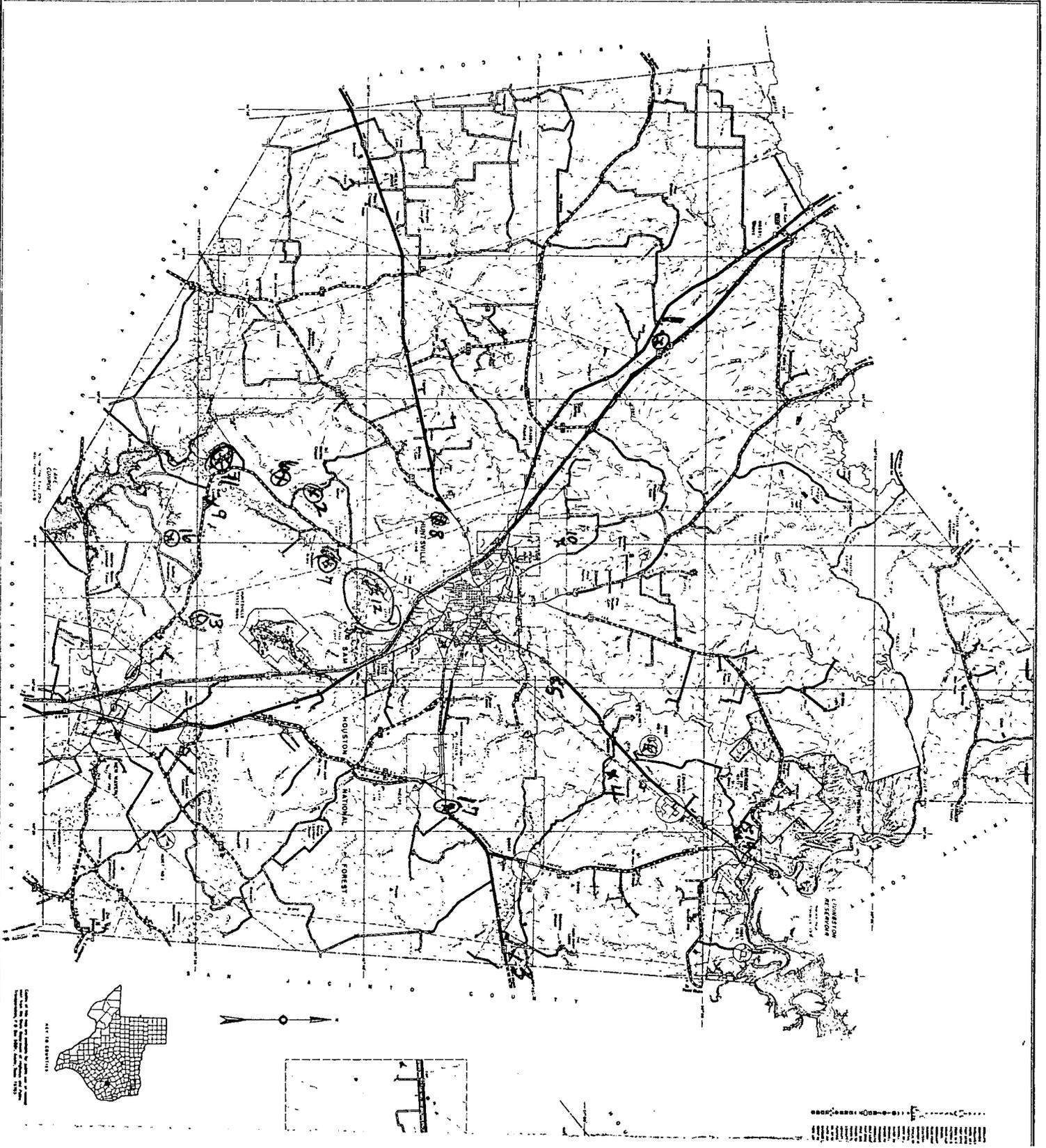
ADDRESS 607 Hwy 19 Huntsville, Texas 77340
 (Street or RFD) (City) (State) (Zip)

(Signed) [Signature]
 (Licensed Well Driller)

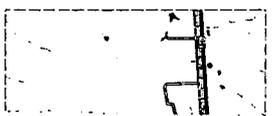
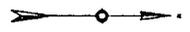
(Signed) _____
 (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 60-20-5 Located on map _____



Scale 1:50,000



Legend symbols and scale information.

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER David McCullough ADDRESS 64 White Rd Huntsville Tx 77340
(Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County Walker 6 M. SW of Huntsville on White Rd. STATE WELL # _____
(Street or RFD) (City) (State) (Zip)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check): Monitor Environmental Soil Boring. Domestic
 Industrial Irrigation Injection Public Supply De-watering Testwell
If Public Supply well, were plans submitted to the TNRCC? Yes No

5) 60-20-5

6) WELL LOG:
Date Drilling:
Started 5-26 1998
Completed 5-29 1998

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6.75	Surface	320

7) DRILLING METHOD (Check): Driven
 Air Rotary Mud Rotary Bored
 Air Hammer Cable Tool Jetted
 Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	top bit soil
1	15	sa.st.
15	21	r & wh.cl.
21	61	br.cl.
61	101	wh.cl.
101	112	sa. & gravel
112	115	cl & sa.
115	121	cl.
121	141	wh. & br.c.
141	161	br.cl.
161	174	wh.cl.
174	178	bl.
178	179	rock
179	181	bl.
181	201	cl. & r.st.

8) Borehole Completion (Check): Open Hole Straight Wall
 Underreamed Gravel Packed Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc: Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen
			From	To	
4	N	PVC Casing	-1.5	308	
2	N	PVC Screen	310	320	#10

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from -1.5 ft. to 15 ft. No. of sacks used 2
158 ft. to 308 ft. No. of sacks used 7
Method used by pressure
Cemented by H. Lee
Distance to septic system field lines _____ ft.
Method of verification of above distance _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 220 ft.

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 338.44(2)(A)]
 Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
 Pitless Adapter Used [Rule 338.44(3)(b)]
 Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: Pump Bailer Jetted Estimated
Yield: 25 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 140 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
 Yes No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? good Depth of strata 12
Was a chemical analysis made? Yes No

12) PACKERS:

Type	Depth
Rubber packer	RxR 301&302

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Holly Water Wells WELL DRILLER'S LICENSE NO. 2221W
(Type or print)
ADDRESS 607 Hwy 19 Huntsville Tx 77340
(Street or RFD) (City) (State) (Zip)
(Signed) [Signature] (Signed) _____
(Licensed Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation
Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed
and filed with the department
and owner within 60 days
upon completion of the well.

WELL REPORT

1) OWNER A. WELL IDENTIFICATION AND LOCATION DATA

Name Cary & Vicky Valentine	Address 393 ROBINSON CREEK RD	City HUNTSVILLE	State TEXAS	Zip 77340
---	---	---------------------------	-----------------------	---------------------

2) WELL LOCATION

County Walker	Physical Address Robinson Creek Rd.	City Huntsville	State TX	Zip 77340
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3) Type of Work	Lat.	Long.	Grid # 60-20-5
------------------------	------	-------	-----------------------

<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning	4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No	5) N↑
--	---	---------------------

6) Drilling Date Started 4/2/01 Completed 4/3/01	Diameter of Hole			7) Drilling Method (check) <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____
	Dia. (in)	From (ft)	To (ft)	
	6.75	-1.5	161	

From (ft)	To (ft)	Description and color of formation material	8) Borehole Completion <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Under-reamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other				
0	1	T.s.	If Gravel Packed give the interval from 150 ft. to 160 ft.				
1	12	Sdy.cl.	Casing, Blank Pipe, and Well Screen Data				
12	21	Br.&w.cl.	Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From To	Gage Casing Screen
21	41	W.cl.	4	N	PVC Casing	-1.5 150	
41	61	W.cl.w/sd.st.	4	N	PVC slotted screen	150 160	#12
61	77	Sdy.cl.					
77	81	Sd.					
81	105	Sd.&gr.					
105	119	W.cl.					
119	121	Sd.					
121	161	Sd.&gr.					

(Use reverse side of Well Owner's copy, If necessary)

13) Plugged <input type="checkbox"/> Well plugged within 48 hours Casing left in well: _____ Cement/Bentonite placed in well: _____ <table border="1"> <thead> <tr> <th>From (ft)</th> <th>To (ft)</th> <th>From (ft)</th> <th>To (ft)</th> <th>Sacks used</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	From (ft)	To (ft)	From (ft)	To (ft)	Sacks used																9) Cementing Data Cementing from -1.5 ft. to 20 ft. # of sacks used 4 _____ ft. to _____ ft. # of sacks used _____ Method Used Pressure Cementing By R.Mcpike Distance to septic system field or other concentrated contamination _____ ft. Method of verification of above distance _____
From (ft)	To (ft)	From (ft)	To (ft)	Sacks used																	

14) Typepump <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., 140 ft.	10) Surface Completion <input type="checkbox"/> Specified Surface Slab Installed <input type="checkbox"/> Specified Surface Sleeve Installed <input checked="" type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used
--	---

15) Water Test Type test <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: 12 gpm with _____ ft. drawdown after _____ hrs.	11) Water Level Static level 85 ft. below Date / / Artesian Flow _____ gpm. Date / /
--	--

16) Water Quality Did you knowingly penetrate any strata which contain undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If yes, did you submit a REPORT OF UNDESIRABLE WATER? Type of water Good Depth of Strata 10 Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12) Packers Type Depth Gravel Pack _____ _____ SEQ # _____ FMP # _____ LIC # _____
--	--

Company or Individual's Name (type or print) Holly Water Wells, Inc.	APR 28 2001	Lic. No. 3114W
Address 2928 SH 19	City Huntsville	State TX Zip 77320
Signature <i>Raymond M. Cpik</i> Licensed Driller/Pump Installer	Date _____	Signature _____ Apprentice Date _____

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation
Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us
WELL REPORT

This form must be completed
and filed with the department
and owner within 60 days
upon completion of the well.

1) OWNER **A. WELL IDENTIFICATION AND LOCATION DATA**

Name Kenneth Rushing	Address 50 Pavey Circle	City New Waverly	State TX	Zip 77358
--------------------------------	-----------------------------------	----------------------------	--------------------	---------------------

2) WELL LOCATION

County WALKER	Physical Address 50 PAVEY CIRCLE	City NEW WAVERLY	State TEXAS	Zip 77358
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3) Type of Work

New Well Deepening
 Reconditioning

Lat.	Long.	Grid # 60-20-5
4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		

6) Drilling Date

Started 7/26/00
Completed 7/27/00

Diameter of Hole		
Dia. (in)	From (ft)	To (ft)
6.75	-1.5	182

7) Drilling Method (check)

Driven
 Air Rotary Mud Rotary Bored
 Air Hammer Cable Tool Jetted
 Other _____

From (ft)	To (ft)	Description and color of formation material
0	2	Top bit soil
2	15	Br. & wh.cl.
15	18	Sa.
18	22	Wh.cl.
22	45	Sa.
45	77	Br. & wh.cl.
77	125	Sa.
125	147	Br.cl.
147	151	R.st.
151	152	Cl.
152	157	Sa. & r.st.
157	162	Sa.

8) Borehole Completion Open Hole Straight Wall
 Under-reamed Gravel Packed Other _____
If Gravel Packed give the interval from _____ ft. to _____ ft.

Casing, Blank Pipe, and Well Screen Data					
Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft)		Gage Casing Screen
			From	To	
4	N	PVC Casing	-1.5	167	
2.5	N	PVC Screen	172	182	#8

9) Cementing Data

Cementing from -1.5 ft. to 10 ft. # of sacks used 2
17 ft. to 167 ft. # of sacks used 7
Method Used Pressure
Cementing By HWW
Distance to septic system field or other concentrated contamination _____ ft.
Method of verification of above distance _____

13) Plugged

Well plugged within 48 hours
Casing left in well: _____ Cement/Bentonite placed in well: _____
From (ft) To (ft) From (ft) To (ft) Sacks used

10) Surface Completion

Specified Surface Slab Installed
 Specified Surface Sleeve Installed
 Pitless Adapter Used
 Approved Alternative Procedure Used

14) Typepump

Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 140 ft.

11) Water Level

Static level 77 ft. below Date / /
Artesian Flow _____ gpm. Date / /

15) Water Test

Typetest Pump Bailer Jetted Estimated
Yield: 20 gpm with 1 ft. drawdown after _____ hrs.

12) Packers

Type	Length
1 - 2.5" Rubber Packers RxD	159'
1 - 2.5" Rubber Packers RxD	160'

16) Water Quality

Did you knowingly penetrate any strata which contain undesirable constituents?
 Yes NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Good Depth of Strata 10
Was a chemical analysis made? Yes No

Company or Individual's Name (type or print) **Holly Water Wells, Inc.**

Address **2928 SH 19** City **Huntsville**

Signature Jerry Lee Date 7/27/00
Licensed Driller/Pump Installer

Signature _____ Date _____
Apprentice

EMP # _____ Date **AUG 25 2000**
State **TX** Zip **77320**
COMMENT _____

STATE OF CALIFORNIA

1900

IN SENATE
January 10, 1900

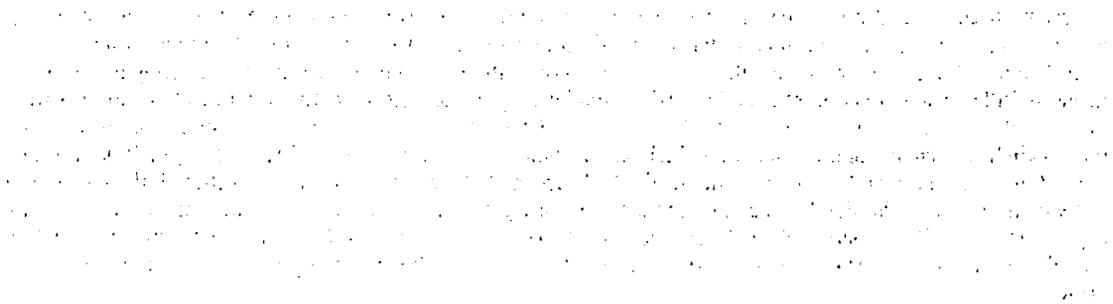
REPORT
OF THE
COMMISSIONERS OF THE
LAND OFFICE
FOR THE YEAR
1899

ALBINO W. BROWN, Governor
JAMES H. HANCOCK, Lieutenant Governor
JAMES M. HAY, Speaker
JAMES H. HANCOCK, Secretary

Published by the State Printer
1900

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
LABORATORY OF ORGANIC CHEMISTRY

1. The following reaction scheme shows the synthesis of compound 1 from compound 2.



2. The following reaction scheme shows the synthesis of compound 3 from compound 4.

