

Monday, March 28, 2011

CLIENT

Banks Environmental Data, Inc.
1601 Rio Grande
Suite 500
Austin, TX 78701

SITE

Sample Report North U.S. Highway 87

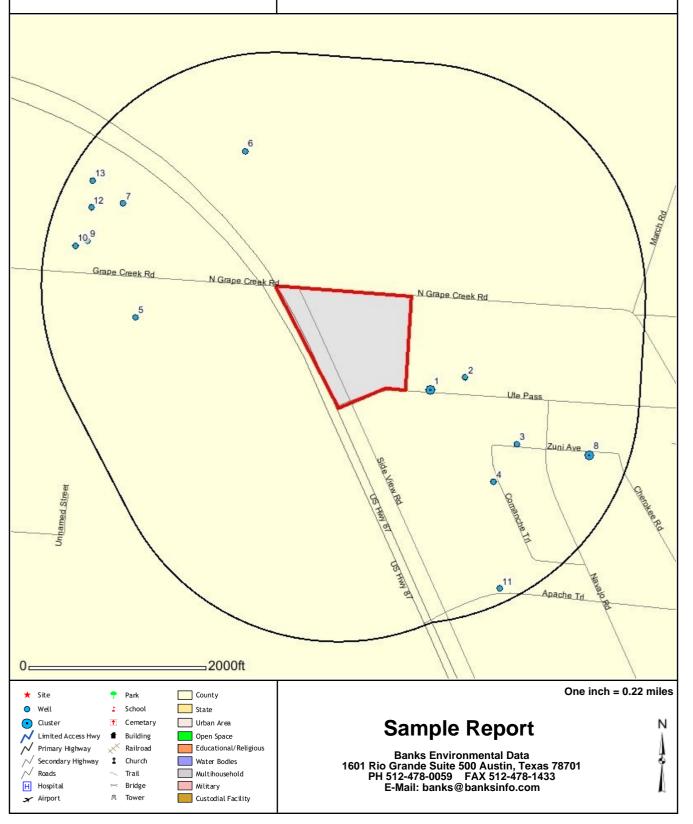
San Angelo, TX 76901

PO #: Banks

ES #: 1000



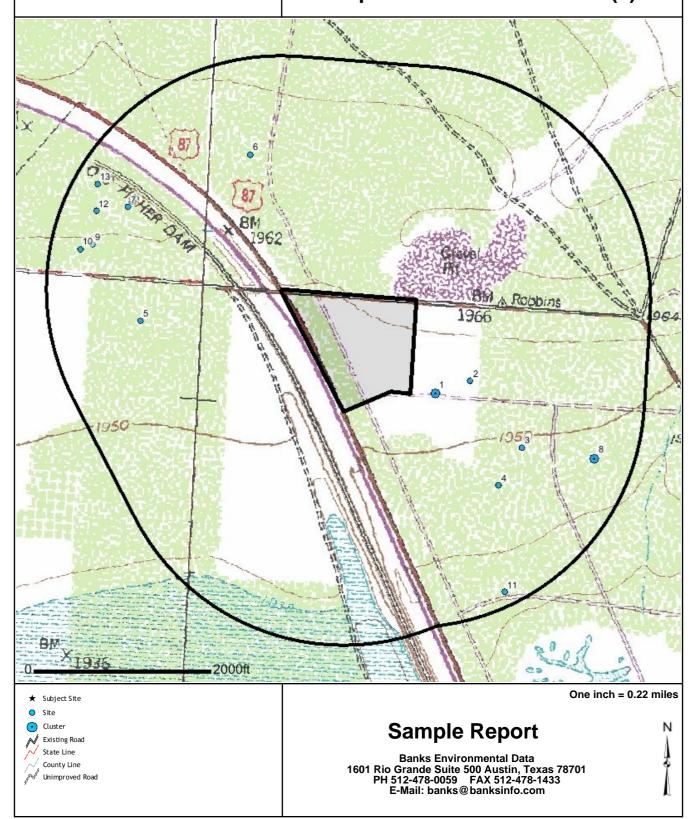
Map of Wells within 0.5 Mile(s)





Water Well Report [™] on USGS Topo

Map of Wells within 0.5 Mile(s)





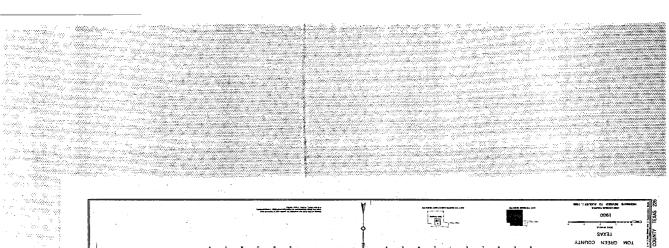
DETAILS

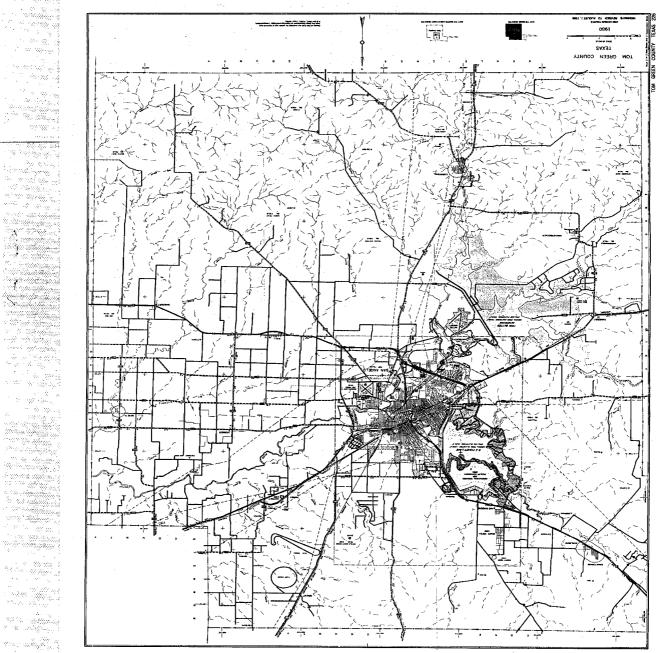
Map #	Source ID	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Driller's Log
1	43-29-7	Shirley Smith	Domestic	130	2/20/1990	-100.49178	31.54233	<u>View</u>
1	43-29-7	Shirley Smith	Domestic	94	2/25/1990	-100.49207	31.54233	<u>View</u>
2	WIID151701	Elizabeth Bradford	Domestic	80	4/15/2005	-100.49055	31.54277	<u>View</u>
3	43-29-7	Leroy Ferguson	Domestic	105	4/15/2000	-100.48856	31.54078	<u>View</u>
4	43-29-7	Dennis R. McKerley	Domestic	100	9/10/1988	-100.48934	31.53959	<u>View</u>
5	43-28-6N	John Cargile	Domestic	84	11/19/1970	-100.50253	31.54413	<u>View</u>
6	43-29-4	Lonnie Seals	Domestic	75	9/31/1999	-100.49887	31.54943	8 <u>View</u>
7	43-28-6	Cinda Williams	Domestic	92	3/15/1968	-100.50319	31.54764	<u>View</u>
8	43-29-7	Alton L. Clark	Domestic	100	12/11/1999	-100.48594	31.54055	<u>View</u>
8	43-29-7	Alton L. Clark	Domestic	100	12/4/1999	-100.48588	31.54067	<u>View</u>
9	43-28-6J	Wm. L. Wynn	Domestic	82	1/5/1969	-100.5044	31.54642	<u>View</u>
10	43-28-6J	J.H. McCuistion	Domestic	90	12/14/1968	-100.50482	31.54625	<u>View</u>
11	43-29-7	Walter Hendricks	Domestic	148	10/13/1995	-100.48892	31.5363	<u>View</u>
12	45-29-6F	Dale Anderson	Domestic	150	2/21/1980	-100.50431	31.54747	<u>View</u>
13	43-28-6G	Phil Schroeder	Domestic	90	10/21/1968	-100.50432	31.54829	<u>View</u>

STATE OF TEXAS WATER WELL REPORT

£ .-- &

1) OW 2) LO	NER: S CATION	MITH, SHIRLEY OF WELL: Count	ADDRE	SS: 1225 UTB	PASS		CITY: SA	AN ANGELO	STATE: TX	
		IPTION								
22442	222411			••••						
						1				
3} TY	PE OF	WORK: New Well		1) PROPOSED US	E: Domesti	.c		5) DRILLING	; METHOD: Air	Rotary
6) WE	LL LOG	: 90079	DIAMETER OF			7) BO	REHOLE ME	THOD:		
		•	DIAMETER		T 0					
			6 3/4"	9'	130			TOAM	05 EA	76
TAMP	NDTI I P	n. 02/20/00				. 11	GENABL'		FT. TO FT. TO	
AUID	 nvindo	D: 02/20/90 								
GEOLO	GICAL	DESCRIPTION:		8) CASING, B	LANK PIPE,	AND WE	LL SCREE!	DATA:		
PRON	PO	DESCRIPTION		DIA NE					TO GAG	E CASING SCREEN
0	1	SOIL								
1	16	CALICHE								
16	26	RED CLAY & GRAVE	iL							
26	34	CLAY, YELLOW								
34	86	CLAY, RED			••					
86	89	LIMB	•							
89 107	107 108	CLAY, RED LIMESTONE		9) CEMENTING						
108	110	SAND			from 6'	`PP	PO 15'	79		
	•	WATER		Cemenced	IIVM U	PT.		PT.		
110	111	LIMESTONE		Wethod u	sed: By ba		••			
111	116	SANDSTONE, BROWN	i		by: CURT		DRILLING		B E I V	医101
116	130	CLAY, RED						100 E	و المالي	
	•••			10) SURFACE C	OMPLETION:	1		121		
								ПП	ICT 3 19	390
•										
				11) WAYER LEV	EL:				_	MOISSIMMO
					EVBL : 47			02/20/90	WATER CO	WWII
		· ·			FLOW:			JEY4	3 11111-	
				12) PACKERS:						
13) T	YPE PO	MP:		14) WELL TEST	:					
	None			Bailer						
	DEPTH	TO PUMP:		YIRLD: 2				DOWN AFTER	ers	
451 8										
13) #		UALITY: OF WATER:		DEPTH OF ST	D141.			No ci	HENICAL ANALY	CIC MINE
		RATA OF UNDESIRABI			ruin;			RV C	noutcan usuni	OIG KADA
		VUIT AL AMBOTURDI								
ADDRE	SS: P.	E: CURTIS-ABEL DRI O. BOX 348	CITY:	SAN ANGELO	STATE	TX 21	P CODE:	76902	WELL NO.	43-29-7
									LOCATED	ON MAP
		RTIPY THAT THIS W								
		THE BEST OF MY KI			ERSTAND TI	IAT FAIL	URE TO CO	OMPLETE ITEMS	5 1 YORU 12 6	ILLL RESULT IN THE
POG (S) RRIM	G RETURNED FOR COL	ALPRATION WHD	KESUBALTTAL.						
lei	۱ اه م	/4/		<i>(</i>	102	.41				
(sign	- las	/ Tropies	WATER WELL DI	TELEPI	(81gh	:a)	/n:	ECICABORA UNI	ILLER TRAINSE	
		(PTCPM9ED	MULTE APPT N	KT T P P K)			(1)	PATOLPKEN NKI	FRORK LKHINRE	1}

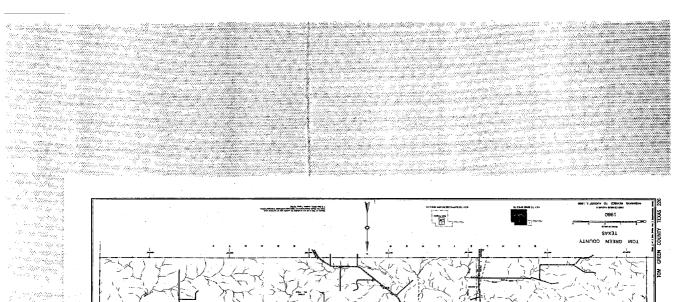


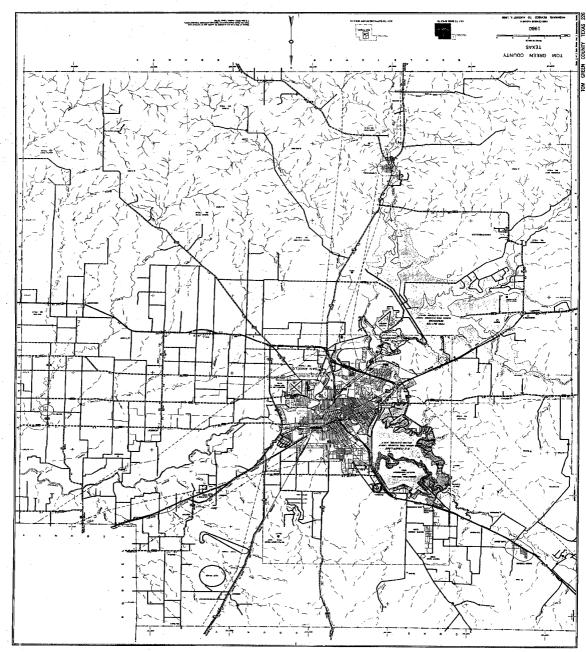


LEGA	L DESCR	IPTION S	EE ATTACHED	MAP										
 3) ?	YPE OF	YORK: New Well												Rotary
6) N	ELL LOG		DIAMETER OF DIAMETER 6 3/4"	HOLE	FROM			7) B01 Opes	REHOLE					
DATE	DRILLE	D: 0 2/25/90						IF	GRAVE		PROM PROM	PT. T	0	PT.
	OGICAL 1	DESCRIPTION: DESCRIPTION		8) CI	ASING,	BLANK NEW/USE	PIPE, D DES	AND WEI CRIPTI(LL SCRI	BEN D	ATA: FRON			CASING SCRE
9 1	1 16	SOIL CALICHE												
16 26	26 30	CLAY, RED SAND & GRAVEL												
30 34	34 38	CLAY, RED CLAY, YELLOW WATER						• • • • • • • • • • • • • • • • • • •		· · · · · ·				
38 51	51 52	CLAY, RED CLAY, RED				NG DATA ed from		FT.				e v		REL
52	94	WATER CLAY, RED				l usedi ed by:				FT	UU	OCT	_	1990
		***************************************		10) S	URFACE	COMPLE	TION:					NATE		MMISSION .
			 	11) W	ATER L STATIC ARTESI	EVEL: LEVEL AN PLOW	: 60'	PT. GPM.	DATE DATE	: 0 2/	25/90			
							TYPE Rubber		t		DBPTE			
13)	TYPE PU Rone	MP: TO PUMP:		14) W	BLL TE Bailer	IST:								
15)	WATER Q	UALITY: OF WATER: RATA OF UNDESIRABL	E WATER PENE:	DEP'	TH OF	STRATA:					RO C	HEMICAL		
CONF	ANY HAN	E: CURTIS-ABEL DRI	LLING CO.	WAT	ER WEL	L DRILL	ER'S L	ICENSE	NO.: :	2972W		FOR	TDWR L NO.	

(LICENSED WATER WELL DRILLER)

____(signed) ________(REGISTERED DRILLER TRAIBEE)





Well Report: Tracking #:151701

Page 1 of 2

STATE OF TEXAS WELL REPORT for Tracking #151701

Owner: Elizabeth Bradford Owner Well #: No Data

Address: 1240 UTE Pass Grid #: 43-29-4
San Angelo , TX 76904

Well Location: 1240 UTE Pass Latitude: 31° 32' 34" N

San Angelo , TX 76904

Well County: Tom Green Longitude: 100° 29' 26" W

Elevation: No Data GPS Brand Used: No Data

Type of Work: New Well Proposed Use: Domestic

Drilling Date: Started: 4/15/2005

Completed: 4/15/2005

Diameter of Hole: Diameter: 9 7/8 in From Surface To 80 ft

Drilling Method: Air Rotary

Borehole Gravel Packed From: 80 ft to 20 ft

Completion: Gravel Pack Size:

Annular Seal Data: 1st Interval: From 1 ft to 20 ft with 11 (#sacks and material)

2nd Interval: No Data 3rd Interval: No Data Method Used: Wheel Barrel Cemented By: BJW

Distance to Septic Field or other Concentrated Contamination: n/a ft

Distance to Property Line: n/a ft Method of Verification: Walk Off Approved by Variance: No Data

Surface Completion:

Surface Sleeve Installed

•

Water Level:

Static level: 30 ft. below land surface on 4/15/2005

Artesian flow: No Data

Packers: No Data

Plugging Info: Casing or Cement/Bentonite left in well: No Data

Type Of Pump: No Data

Well Tests: Bailer \ Estimated

Yield: .8 GPM with 45 ft drawdown after 1 hour

Water Quality: Type of Water: **Good**

Depth of Strata: **35 ft.** Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained undesirable constituents: No

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct

supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for

completion and resubmittal.

Company Woehl Drilling

Well Report: Tracking #:151701

Page 2 of 2

Information:

11854 FM 2166

San Angelo , TX 76904

Driller License

54940

Number:

Licensed Well Driller Signature:

Bennett J. Woehl

Registered Driller

No Data

Apprentice Signature:

No Data

Apprentice Registration Number:

Comments:

\$dfs

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking #151701) on your written request.

Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 (512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

CASING, BLANK PIPE & WELL SCREEN DATA

From (ft) To (ft) Description 1-6 Dirt 6-33 White Lime 33-37 Sandy Gravel 37-61 Red Bed 61-63 Dark Brown Sand 63-80 Red Bed Water at 35' Dia. New/Used Type 5 New PVC 1 80 1/4 13 Used Steel 1 2

Setting From/To

Send original copy by certified return receipt requested....... to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-Texas Water Well Drillers Advisory Council ATTENTION OWNER: Confidentiality State of Texas MC 177 Privilege Notice on on reverse side P.O. Box 13087 Austin, TX 78711-3087 512-239-0530 of Well Owner's copy (pink) WELL REPORT ADDRESS 2900 2310 SAN ANGELO, TY 7690) GRID # フレル County on (Street, RFD or other) ☐ Monitor 4) PROPOSED USE (Check): ☐ Environmental Soil Boring 1 Domestic 3) TYPE OF WORK (Check): ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell New Well Deepening if Public Supply well, were plans submitted to the TNRCC?

— Yes ☐ Reconditioning Plugging DIAMETER OF HOLE 7) DRILLING METHOD (Check):

Driven 6) WELL LOG: Dia. (in.) From (ft.) To (ft.) All Rotary | Mud Rotary | Bored Date Drilling 105 フライタ Surface Started 4 ☐ Air Hammer ☐ Cable Tool ☐ Jetted □ Other_ Ŋ, Description and color of formation material 8) Borehole Completion (Check):

Open Hole From (ft.) To (ft.) ☐ Underreamed ☐ Gravel Packed ☐ Other_ BIALLdirt If Gravel Packed give interval ... from _ ft. GANEL ROCK CASING, BLANK PIPE, AND WELL SCREEN DATA: Steel, Plastic, etc. Setting (ft.) Gage Casting Perf., Slotted, etc. Screen Screen Mfg., if commercial gABOUR 100 PINSHL Neu Slotte 5-11 Neu Methodused (Use reverse side of Well Owner's copy, if necessary) Distance to septic system field lines or other concentrated contamination 13) TYPE PUMP: Method of verification of above distance ☐ Turbine ☐ Jet < 10) SURFACE COMPLETION Other_ ☐ Specified Surface Slab Installed [Rule 338.44(2)(A)] Depth to pump bowls, cylinder, jet, etc., Bpecified Steel Sleeve Installed [Rule 338.44(3)(A)] Pitless Adapter Used [Rule 338.44(3)(b)] 14) WELLTESTS: ☐ Approved Alternative Procedure Used [Rule 338.71] ☑ Bailer ☐ Jetted ☐ Estimated Type test: Pump 0 Yield: _____gpm with __ ft. drawdown after _ 11) WATER LEVEL Static level ft, below land surface 15) WATER QUALITY: Artesian flow_ gpm. Did you knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? Depth of strata Was a chemical analysis made? ☐ Yes ☐ No dge and belief. I DRILLER'S LICENSE NO. ADDRESS 4 (Zip) (Signed) (Registered Driller Trainee) Please attach electric log, chemical analysis, and other pertinent information, if available.

3 , 1					<u></u>				
Please use black ink. Send original copy by certified mail to the	14	State o					exas Water Well	Drillers B	oard
Texas Department of Water Resource P. O. Box 13087	ATTENTION OWN						Austin, Texas 78	711	
Austin, Texas 78711	- 11 11					7	180 11	1 Tu	MAN
1) OWNER Winnes A	Name)	_ Address 🕢	(Street	or RFD)	nmanche	(City)	SUN UNIG	(Zip	<u>7690</u> 3
2) LOCATION OF WELL:	een	miles in			direction from .				•
			(N.E., S.	W., etc.)			(Town)		``
Driller must complete the legal descri	ption to the right	☐ Legal descri			Block No	Towns	shîn		¥
with distance and direction from two tion or survey lines, or he must locate	intersecting sec-		No		Survey Name				
well on an official Quarter- or Half-Se General Highway Map and attach the	cale Texas County	Distance	and direc	tion fron	n two intersecting sect	ion or sur	vey lines		
		See attach	ed map.						
3) TYPE OF WORK (Check):	4) PROPOSED USE (Ch	eck):		5) [RILLING METHOD	(Check):			
New Well Deepening	1 '		pply		Mud Rotary Air H	-			
☐ Reconditioning ☐ Plugging	☐ Irrigation ☐ Test We					Tool [Jetted ☐ Oth	er	
6) WELL LOG:	DIAMETER OF F Dia. (in.) From (ft.)	To (ft.)		REHOLI pen Hol	e Straig	ht Wall	☐ Under	reamed	
Of Figure	Surface	10	. ₽G	ravel Pa	cked 🗆 Other				
Date drilled 11/198	8 bin 0	100	111	Gravel	Packed give interval	. from	ft. to .	100	ft.
From To	Description and color of fo	rmation	8) CA	SING, B	LANK PIPE, AND WE	LL SCREI	EN DATA:		
(ft.) (ft.)	material		1		Steel, Plastic, etc.		Setting (f	t.)	Gage
10 - 10	Caliaba		Dia. Dia. (in.) Us	r	Perf., Slotted, etc. Screen Mgf., if comm	ercial	From	То	Casing Screen
50-55 lim	stone Water	1	5in 2	2 #	Ve	- -	12 in about	100H	49
55 - 105 fingle	Ashale						ļ		
15-85 Fef de	ed + sand yeate	د ۸	i				-		
90 - 100 lim	o + shall	<u> </u>							
1001 50	· · · · · · · · · · · · · · · · · · ·		1		IG DATA [Rule 319	9.44(b)]	15 0	. 4	_
7/12/12 04 8	71		Cen	nented f	rom	ft. to ft. to	10 g	rai	_ft. _ft.
	<u> </u>		-1	hod use	.// . // '	<u> </u>	4. 511.11		
			Çen	nented b	y Burlison	Wal	u 2010		
			10) SU	IRFACE	COMPLETION				
			1		d Surface Slab Installe		9.44(c)] /0X	ID	
	-		1		dapter Used [Rule 31 d Alternative Procedu		Rule 319.71]		
			11) W	TER L	EVEL:				
	103 6 18 18 1	VED			vel <u>20</u> ft. b			dept 1	a 1409
	IJIJ	101			flowft. b	elow land : gpm.	surface DateS⊸ —Date	ocp /	
		উষ্ট	12) PA	CKERS	: :	уре	Dep	th	
	TORAKS THE TOP I TO								
	2400 M. 1 1 11	691801C	12) T	YPE PUI	· MD•				
			1	urbine		Submersi	ble □ Cy	linder	
	· · · · · · · · · · · · · · · · · · ·			ther					
	e side if necessary)		Dep	th to pu	mp bowls, cylinder, je	t, etc.,		ft.	
15) WATER QUALITY: Did you knowingly penetrate a	my strata which contained und	desirable	14) W	ELLTE	STS:				
water? ☐ Yes ☑ No If yes, submit "REPORT OF U	NDESIRABI E WATER"		т -	ype Tes		Bailer		Estimate	
Type of water? Was a chemical analysis made?	Depth of strata		. Y	ield:	gpm with	<u> 30</u> ft	. drawdown after	_ 5 hr	s.
·············	vell was drilled by me (or und	ter my supervisi	on) and ti	nat each	and all of the stateme	nts berein	are true to the be	est of my	
	vell was drilled by me (or und inderstand that failure to comp								
COMPANY NAMEBURIES	on Water Well	Dri Wards V	Ver L Orille	r's Licen	se No.0256	22)		
(Type	or Print)	c. 1		/	- 1	71 -		112	
ADDRESS 4/8 E 5 9	(ED)	->An/Hn (Cir	<u>GC/ 0</u>	2	/ <i>CX</i>	HS (tate)	// (Zip)	90.	5
(Signed) James	P Burlo	200 2 19/10	ned)						
(License		(Sign		(Reg	istered Driller Trainee) F	or TDWR use or	1 2 9 -	7
Please attach electric log, chemical a							ocated on map		
TDWR-0392 (12/29/83)	DEPARTM	ENT OF WAT	TER RE	SOURC	ES COPY				

Send original copy by State of Certified mail to the	
Texas Water Development Board	Located on map \(\lambda_c \simes \) Received: \(\gamma/\ellow\)
Austin, Texas 78711 WATER WELL	REPORT
1) CWNER: Person having well drilled John Cargile forme	Address 1131 N. Bell San Angelo, Texas (Street or RFD) (City) (State)
Landowner A & M College (Name)	Address College Station, Texas (Street or RFD) (City) (State)
OLY OCA TRONG OF STREET	in W - NW direction from San Angelo, Texas (N.E., S.W., etc.)
Locate by sketch map showing landmarks, roads, creeks,	(N.E., S.W., etc.) (Town) or Give legal location with distances and directions from
hiway number, etc.*	adjacent sections or survey lines.
87 - Liquer	Labor
Dirt Re	Block Survey
w. well 2 mg	Abstract No.
(Use reverse side if necessary)	(NW NEX SWX SEX) of Section
3) TYPE OF WORK (Check): 4) PROPOSED USE (Check): (Domestic Domestic) Industri	5) TYPE OF WELL (Check): ial Municipal Rotary Driven Dug
Reconditioning Plugging Irrigation Test We	
6)WELL LOG: 4 3 //L RIL	Depth of completed well 84 ft. Date drilled 11-19-70
	_
	Oft.above ground level.
From To Description and color of (ft.) (ft.) formation material	9) Casing: Type: Old (New) Steel (Plastic) Other
0 5 Soil	Cemented from ft. to ft.
5 36 Clay (Gravel 14'-16')	Diameter Setting (inches) From (ft.) To (ft.) Gage
36 50 Gravel	(inches) From (ft.) To (ft.) Gage 6 0 84 .250
50 54 Conglomerate rock	<u> </u>
54 55 Cavity (Water)	
55 75 Conglomerate rock	10) SCREEN: Type None
75 84 Red Shale	Type NONE Perforated Slotted
	Diameter Setting Slot
<u> </u>	(inches) From (ft.) To (ft.) Size
(Use reverse side if necessary) 7) COMPLETION (Check):	11) WELL TESTS:
(Straight wall) Gravel packed Other	Was a pump test made? (Yes) No If yes, by whom? Curtis Drlg
Under reamed Open Hole	Yield: 200 gpm withft. drawdown afterhrs.
8) WATER LEVEL: Static level 50 ft. below land surface Date 11-19-70	Bailer test gpm with ft.drawdown after hrs.
Artesian pressure lbs. per square inch Date	Artesian flowgpm
Depth to pump bowls, cylinder, jet, etc.,ft.	Temperature of water
below land surface.	12) WATER QUALITY:
	Was a chemical analysis made? (Yes) No Did any strata contain undesirable water? Yes (No)
. 1	
	Type of water? Potable depth of strata
I hereby certify that this well was drille each and all of the statements herein are	
each and all of the statements herein are	Type of water? Potable depth of strata 1 1
each and all of the statements herein are NAME Henry F. Curtis Wa (Type or Print)	Type of water? Potable depth of strata 1.0 d by me (or under my supervision) and that true to the best of my knowledge and belief. ster Well Drillers Registration No. 292
each and all of the statements herein are NAME Henry F. Curtis Wa (Type or Print)	Type of water? Potable depth of strata 1. depth of
each and all of the statements herein are NAME Henry F. Curtis wa (Type or Print) ADDRESS P. O. Box 1173 San	Type of water? Potable depth of strata 1. depth of

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 ONNIE SEH S (Name) 2) ADDRESS OF WELL: (Name) County JOHN Creew (Street, RFD)	ne AS ABOVE	(City) GRID # 43_29-4
*	: (Check):	-watering
6) WELL LOG: DIAMETER O Date Drilling: Dia. (in.) From (in.) Started 9-30 19 9 9 8 3/4 Surfac Completed 9-3/ 1999 7 7 6 1/5) To (ft.) [] Air-Piotary Mud I	Rotary Bored Die Tool Jetted
From (ft.) To (ft.) Description and color of forma 0 - Blick die t 1 - 5 Lime Stone	☐ Underreamed ☐	Gravel Packed
25-40 Clay grayer 40-73 Red Bud	Dia. Or Perf., Slotted, Gin.) Used Steel, Plastic, Or Perf., Slotted, Screen Mg., I	etc. Settling (ft.) Gage etc. Casting
(Use reverse side of Well Owner's copy, if necessary	Method used 5/U/ Cemented by Book Distance to septic system	
□ Turbine □ Jet □ Submersite □ Cylinder □ Other □ Depth to pump bowls, cylinder, jet, etc., □ tt. 14) WELL TESTS Type test: □ Pump □ Dailer □ Jetted □ Est	☐ Specified Steel Sleeve ☐ Pitless Adapter Used ☐ Approved Alternative I	o Installed [Rule 338.44(2)(A)] Installed [Rule 338.44(3)(A)]
Tield:gpm withft. drawdown after 15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesiconstituents? Yes	Artesian flow	At. below land surface Date 9-37-99 Date 9-31-99 Date 9-31-99 Depth Depth
I hereby certify that this well was drilled by me (or under my supervisunderstand that failure to complete items) I thru 15 will result in the local transfer of the company NAME (Type or print) ADDRESS 4097 7000	on) and that each and all of the statements herein a g(s) being returned for completion and resubmittal- FILE ID WELL DRILLER'S LICEN	SENO. 15384 WP
(Signed) (StreeFordFD) (Licensed Well Driller) Please attach electric log	(Signed) (Signed) Chemical analysis, and other pertinent informat	(State) (Zip) (Registered Driller Trainee) ion, if available.



State of Texas File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station For use by TWC only Well No. 43-28-6F DRILLERS LOG AND WELL DATA REPORT Date 69 1) Well Owner: Cinda Tirchians Rt#1 Laka Horden # 2. San angels Tejas 7690 # 2) Land Owner: Cinda Williams Rt 1 Lake Harden # 2 San angels Tejas 7690 1 $NW_{lk}^{\underline{1}}$ $NE_{lk}^{\underline{1}}$ $SW_{lk}^{\underline{1}}$ $SE_{lk}^{\underline{1}}$ of Section_ ___Block No.__ 8 miles in NW direction from Dan angels Defor ove 1 Beb to Hwy 87 n.W. on Hwy. 87 8 mi. Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL Rolary 3-15-68 <u>ai</u>r Diameter of hole______ _in. Date drilled_ Method of drilling:__ All measurements made from Description and color of formation material above ground level. From (ft) Description and color of formation material (ft) (ft) shale + boulder red bed T.D., 8 gal, per min water 82 Top soil 0 Caliche 92 Conglomorate rock 41 4 granel nock grovel clay 2 gal per minutes 67 70 granel water (Use continuation sheets if necessary) COMPLETION DATA COMPLETION CASING SCREEN Type: Old New Straight wall Under reamed Cemented from Slotted [Gravel packed Setting to (ft) Open hole Setting all way with 5 to (ft) from (ft) no pump by driller 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.

Drild Mt. July Saveta Sav angelo Dejan Reg. No. 399

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_ Pump type_ ft. below_ Designed pumping rate_ gpm gph D Type power unit_ Pumping level hours feet Depth to bowls, cylinder, jet, etc.,_ _ft. below pump base. Name of contractor testing well or installing permanent pump if other than your company; C-34 (62-4)

/ (Type or print)

d Well Driller)

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

(Signed)

WELL DRILLER'S LICENSE NO. -/-S

(Zip)

(Registered Driller Trainee)

. to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-Send original copy by certified return receipt requested Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 ATTENTION OWNER: Confidentiality State of Texas Privilege Notice on on reverse side of Well Owner's copy (pink) **WELL REPORT** Austin, TX 78711-3087 512-239-0530 1) OWNER Alton AN ANGLO TY 7680 ADDRESS ADDRESS OF WELL GRID # 43-29-7 County Tom Greek (Zip) (State) 4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring Domestic 3) TYPE OF WORK (Check): ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell New Well Deepening ☐ Reconditioning Plugging DIAMETER OF HOLE 7) DRILLING METHOD (Check): 6) WELL LOG: From (ft.) To (ft.) À Air Rotary ☐ Mud Rotary ☐ Bored Date Drilling Started 12-3 1999 Completed 2-4 1999 Surface 100 ☐ Air Hammer ☐ Cable Tool ☐ Jetted □ Other 1 Description and color of formation material Borehole Completion (Check):

Open Hole From (ft.) To (ft.) ☐ Underreamed ☐ Gravel Packed ☐ Other_ 0-3 Blackding 3-29 CAliche 0-3 If Gravel Packed give interval ... from _ ft. SAND GLAVE I I GLAVE I Sand CASING, BLANK PIPE, AND WELL SCREEN DATA: Steel, Plastic, etc. Setting (ft.) Casting Perf., Slotted, etc. Screen Mfg., if commercial (in.) Used Screen PINSTIG 511 100' SRU 24 New 2 ABOUC Slotten 17 11 100 10 9) CEMENTING DATA [Rule 338.44(1)] Cemented from ft. to ft. No. of sacks used 6565 ft. No. of sacks used Method used Cemented by (Use reverse side of Well Owner's copy, if necessary) ntrated contamination Distance to septic system field lines or other Set No Pump

| Submersible | Cylinder 13) TYPE PUMP: Method of verification of above distance ☐ Turbine ☐ Jet 10) SURFACE COMPLETION _ Other_ Specified Surface Slab Installed [Rule 338.44(2)(A)] Depth to pump bowls, cylinder, jet, etc., _ ☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)] ☐ Pitless Adapter Used [Rule 338.44(3)(b)] 14) WELL TESTS: ☐ Approved Alternative Procedure Used [Rule 338.71] Type test: ☐ Bailer ☐ Jetted ☐ Estimated ☐ Pump Yield 8-10 ft. drawdown after _____ hrs. 0 11) WATER LEVEL:
Static level ______ ft. below land surface 15) WATER QUALITY: Artesian flow 8-/0 Did you knowingly penetrate any strata which contained undesirable constituents? 12) PACKERS: If yes, submit "REPORT OF UNDESIRABLE WATER" Set Mila a soughte lement Type of water? _ _ Depth of strata 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. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal. DRILLER'S LICENSE NO. 15384WP ADDRESS 7

(Licensed Well Driller)

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

(Signed)

(Registered Driller Trainee)



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File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas	State o		ATA RE	PORT		For use by Tw Well No. 4/3 Located on ms By Map no.	IC only - 28 - 6] ap / c - 8 Date _ 6 9
3) Intended use: Industrial ; Municipal	n Boy:	3//3 3/1/3 House	Dar	r an	gelo	Jefar ' Step or	76901
	ck NoSurve						
3/2 miles in NW direction from City limits ban angelo Lexa	v Cauley 536	Homa 7 All	es Esi	loles L	Let Pd,	#25	North 1
Skatch r or s	map of well location warvey lines, and to la	ith disten ndmarks, r	ces from	two sect	ion		
Method of drilling: Shadden	DRILLERS Lo	OG OF WE	1 1		drilled_	1 - 5	- 69
· • • • • • • • • • • • • • • • • • • •	surements made from		above gr		el.		
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44 51 granel bed dre	1						
51 64 Turitark rock	A same						
	ond rock water. More Water						`
62 11 Do-4 1648 Xuut		ION DATA		continu	ation shee	s if necessar	у)
COMPLETION	CA	S ING				SCREEN	i
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Under reamed □	Cemented from	f	t.	il	Perforated	1 Fd	Slotted 🗀
Gravel packed	toft.				reliolated	, 🗀	5700000
other Cased all way down	Diameter (inches) from (Settin ft)	to (ft)		Diameter (inches)	from (ft)	Setting to (ft)
other total and way about	5"ID 0		82		5 'x.o.	62	82
Casina							
0							
each and all of the	net this well was drille statements herein are	Harden	the best Rddana	of my kn <u>Mgeleo</u> R	owledge and	belief.	
Please attach electric log, chemical analysis, If well was tested by your company or if you:					following;		
	WATER LEVEL A	ND PUMP	DATA				
Static water level 60	Pump type 3	to R.	<u> Da - S</u>	ubne	rgible	pump	L gpm gph □
ft, below	Designed pump:	ing rate				12 ga	e gpm gph □
Fumping level fact hours gpm	Type power un:	. t					
	Horsepower			A	h . 40	o 75'	ft. below pump base.
	Depth to bowle	s, cylinder	r, jet, e	cc. gran	TO BET	10	rt. below pump base,
	١.						
Name of contractor testing well or installing	permanent pump if other	er than you	r compan	у:			



File original copy with	State o	f Texas				For use by TWC Well No. 43-	only
Texas Water Commission						Well No. 43-	-28 - 6 J
P. O. Box 2311, Capitol Station Austin 11, Texas	LLERS LOG AND	WELL	JAIA REF	ORI		Located on map	dte 69
	A-1	4		0.	h	мар по. -, 7690	\ 1
1) Well Owner: 9, 11, W = Cut	<u> </u>	2 City			Defas	State	
2) Land Owner: Street or RED		Dan	angel	<u> </u>	seran	769 Siere	"
3) Intended use; Industrial ; Municipal	;Irrigation 🗌 ;Other_	Hou					<u> </u>
4) Location of well: County Tom GR	Ce N Labor		League		_Abstract N	o	
$NW_{u}^{\underline{1}} NE_{u}^{\underline{1}} SW_{u}^{\underline{1}} SE_{u}^{\underline{1}} \text{ of Section}_{\underline{}} Block$		∍y					
(Circle as many as are known)							
31/2 miles in N.W. direction	000 01 41	9 /	7 (44 9		· 4-		North
NE, SW, etc.	ser of how	4.0	on a	っか			1
3 1/2 miles in N.W. direction from City limit San angelo Jeya	little pout	s Ca	uley s	las	re st.	,	
·			•				ļ
·							
Sketch r	nap of well location w	ith dista	nces from tv	70 884	ction		
or st	DRILLERS L	ndmarks,	roads, and	creek	8.		
Method of drilling: Spuddon	Diameter o	. E. D. D.	[12-14	-68
<u> </u>						/ 20 / /	
All measurement To Description and	surements made from i color of	ft From	. above grou	and le		iption and color	af
(ft) (ft) formation ma		(ft)	(ft)		fo	rmation material	·
0 2 top poil							
2 34 Calisher			}				
34 74 Soft wet clay som	a water	l .					
74 82 grand bed + W							
		 					
	alo rock.						
88 90 blue shale	<u> </u>						
T. D				·			
		<u> </u>	(Use o	onti	nustion shee	ts if necessary)	
·	COMPLE	TION DAT	Δ.				
COMPLETION	CA	SING				SCREEN	
Straight wall	Type: Old Ne	w d		7	Type(Plantie	
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Under reamed	Cemented from		ft.		Perforated	i Zi s	lotted 🔲
Gravel packed	toft.						•
Open hole	Diameter (inches) from (Setti	ng to (ft)		Diameter	Se from (ft)	tting
Other Cased all way	(Inches) IIom ()	10 (12)	-	5"rb	from (ft)	to (ft)
down with 5" ID			.		a ID		
plastic Casing							
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	at this well was dril						
each and all of the	statements herein ar	e true to	the best of	: my } • • • • • • • • • • • • • • • • • • •	nowledge and	belief.	
Drille J. M. Smi	ulloyf 5:	Bark	State State		Reg. No. 2	1.7	
Please attach electric log, chemical analysis,							
If well was tested by your company or if you i	installed the permanen	t pump p1	ase complet	e the	following:		
	WATER LEVEL A	ND PUMP	DATA				
Static water level 60 from top	Pump type						•
,						<i></i>	
ft. below	_ Designed pump					30	gpm□ gph□
Pumping level feet hours gpm	Type power un	i. t		_			
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	Depth to bowl	s, cylind	er, jet, etc	.,		ft.	below pump base.
	+					<u></u>	- ·
	J _.						
Name of contractor testing well or installing	permanent pump if oth	er than y	our company:				
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		• **				
C-34 (62-4)							

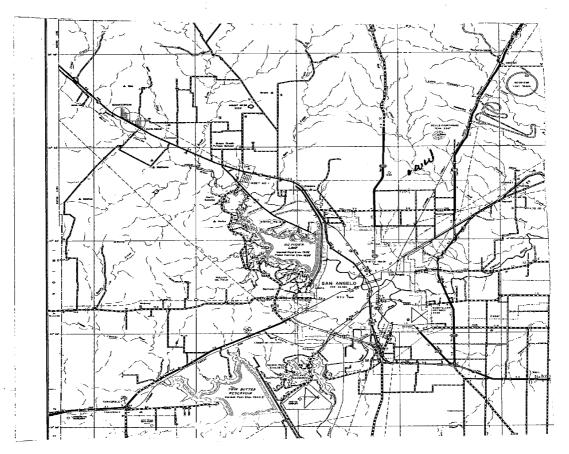
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Send original copy by certified mail to: TNRC.	J. Box 13087, Austin, TX 78711-3087					e black ink.			
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side	State (of Te			Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-238-0530				
1) OWNER WA HELL (Name of the Control of the Contro	APPACIONS ADDRE	SS		Agacho Tr Street of RIFD)	(City)	n Ango	(State)	690 (20)	
County	(Street or RFD)	(0	City)	(State) (Zip)		TATE WELL		<u> </u>	
3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging	PROPOSED USE (Check): Industrial Irrigation Injudic Supply well, were plans su	Monitor jection fomitted	☐ Pub	Environmental Soll Boring ic Supply De-watering NRCC? Tyes N					
6) WELL LOG: Date Drilling: Started 10-13-19-95 Completed 10-13-19-95	DIa. (in.) From (ft.) To (ft.) 7 1/9 Surface /47		Alr P	ammer	☐ Driven ☐ Bored ☐ Jetted		<i>•</i>	ń	
From (ft.) To (ft.) Descript 0 1 100 301 1-3 44 11+4 (tion and color of formation material	8)	□ Und	le Completion (Check): erreamed		tole 🖒 S Otherft. to	Straight Well	n.	
3-4 Bel Clas	per io ip	CAS	ING, BL	ANK PIPE, AND WELL S	CREEN DAT	A:			
23-33 uhide (Calida	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if comme	rcial	Settin From	g (fL) To	Gage Casting Screen	
42-44 Cravel	late-	5	N	SCH40 Sed Sk	tam	0 28	28	• 125m	
130-140 Gay St	ale 4/ Stringers	╂╌┞╸	+			68	190		
(Use reverse side	APR 2 1996		Method Cemen		Fran 172	t. No. of see SAL The Tr.	cks used	~	
Turbine	.,n.	10)	Special Specia	ICE COMPLETION cified Surface Slab Installe cified Steel Sleeve Installe ass Adapter Used [Rule 3 croved Alternative Procedu	d [Rule 338 38.44(3)(b)]	.44(3)(A)]			
Type test: Pump Baller Yield: D gipm with 15) WATER QUALITY:		11)		R LEVEL: evel37_ft. below	v land surface		10-13	345	
Did you knowingly penetrate any strate constituents? Yes You Yes, subprit "RE	a which contained undesirable PORT OF UNDESIRABLE WATER*	12)	PACK	ERS: Rundh	uc .	Туре /) Dep	th	
Type of water? <u>fresh</u>	Depth of strata								
ADDRESS O	me (or under my supervision) and that each thru 15 with result in the log(s) being return from the log (s) being return from t		WELL (City)	tatements herein are true to and resubmittal. DRILLER'S LICENSE NO.	to the best of 46	my knowledg 37 U (State)	-1	. I 	
1	led Well Driller)	rsis, an	(Signe		, ,	Driller Train	90)		

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Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711	ATTENTION OW	WATER W		REPC		L	For TDWR use only Vell No. 43 - 30 Located on map 2 Received: 2	<u>/೬೨</u>
1) OWNER Dale Anderson		Address	Rt 2	Box	356W	San Angelo	Texas	76901_
2) LOCATION OF WELL: County <u>Tom Green</u>						ion from 5	(State) Anyolo (Town)	, Toxos
Driller must complete the legal descrip with distance and direction from two i tion or survey lines, or he must locate well on an official Quarter- or Half-Sce General Highway Map and attach the r	ntersecting sec- and identify the de Texas County	Abstra	n No act No ce and d	lirection	Survey	Towns y Name recting section or surv		
3) TYPE OF WORK (Check):	4) PROPOSED USE				5) DRILLING N	METHOD (Check):		
New Well □ Deepening Reconditioning □ Plugging	k Domestic ☐ In	•		_		☐ Air Hammer ☐		
6) WELL LOG:	DIAMETER	OF HOLE		BORE	HOLE COMPLET			
	Dia. (in.) From Surfa			⊠ Oper □ Grav	n Hole rel Packed	Straight Wall	☐ Underr	eamed
Date drilled 2-21-80						interval from		ft.
From To	Description and color material		8)	CASIN	G, BLANK PIPE,	, AND WELL SCREI	EN DATA:	
(ft.) (ft.) 0 2 soil	material	•	Dia.	New	Steel, Plastic	c, etc.	Setting (ft.	.) Gage Casing
2 10 clay			(in.)	or Used		ed, etc. ., if commercial	From	To Screen
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12 85 red clay 85 90 sand roc				+-				
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250 250 51142								
						CEMENTING DA	ATA	
						ft.	. to	ft.
				Method	ted from d used ted by			ft.
				Method Cemen	d used ted by			-
	n a constant			Method Cemen	ted by	(Company c	or Individual)	
	6ECEIVED			Method Cemen) WAT Statio	ted by	(Company c	or Individual)	
	OCT 1 6 198	81	9)	Method Cemen) WAT Statio	ted by ER LEVEL: Clevel	(Company c ft. below land surfa gpm.	or Individual) ace Date 2-2	
		81	9)	Method Cemen WAT Static Artes	ted by ER LEVEL: Clevel	(Company c ft. below land surfa gpm.	or Individual) ace Date	
	OCT 1 6 198	81	9)	Method Cemen WAT Static Artes	ted by ER LEVEL: Clevel108 Sian flow	(Company c ft. below land surfa gpm.	or Individual) ace Date	
	OCT 1 6 198	81	9)	Method Cemen WAT Static Artes	ted by ER LEVEL: Clevel108 Sian flow	(Company c ft. below land surfa gpm.	or Individual) ace Date	
	OCT 1 6 198	81	9)	Method Cemen) WAT Static Artes) PAC NO	ted by ER LEVEL: Clevel108 Sian flow	(Company c ft. below land surfa gpm.	or Individual) ace Date	
	OCT 1 6 198	81	9)	Method Cemen) WAT Static Artes) PAC NO	ER LEVEL: c level 108 sian flow KERS: DRE	(Company of the following surface of the follo	or Individual) ace Date 2-2. Date	1-80
	OCT 1-6 198 CR/IDWR	81	10	Method Cemen NAT Static Artes NO TYP	ted by	(Company of Company of	or Individual) ace Date 2-2. Date	1=80
(Use reverse	CR/TDWR	81	10	Method Cemen NAT Static Artes NO TYP	ted by	(Company of the following surface of the follo	or Individual) ace Date 2-2. Date	1-80
(Use reverse (Use reverse 13) WATER QUALITY: 139/3 Did you knowingly penetrate are	CR/TDWR CR/TDWR	81	9)	Method Cemen Static Artes No TYP Tur Oth Depth	ted by	(Company of Company of	or Individual) ace Date 2-2. Date	1=80
(Use reverse 13) WATER QUALITY: 13/9/3 Did you knowingly penetrate ar	CR/TDWR CR/TDWR ide if necessary) (81 7	9)	Method Cemen Notation No	ted by	(Company of Company of	Depth Dete Cyl	1=80 linderft.
(Use reverse (U	CR/TDWR CR/TDWR CR/TDWR side if necessary). (In the containt of the contain	81 7	9)	Method Cemen Notation No	ted by	(Company of Company of	Date 2-2: Date Depth Depth	1=80 linder ft.
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Use reverse 13) WATER QUALITY: Did you knowingly penetrate ar water? If yes, submit "REPORT, OF UIT Type of water? Was a chemical analysis made? NAME Henry F. Gurti	CR/TDWR CR/TDWR CR/TDWR Side if necessary). Side if necessary). Side if necessary). If the start is a st	81 7 / ed undesirable 3" at this well was dr tatements herein a	10)	Method Cemen WAT Static Artes PAC No Typ Typ Yiel me (or u.o. the be	ted by	(Company of Company of	Depth Dete Cyl	1=80 linder ft.
(Use reverse 13) WATER QUALITY: 13/97 Did you knowingly penetrate ar water? Yes BNo. If yes, submit "REPORT, OF UIT Type of water? Was a chemical analysis made? NAME Henry F. Gurti (Type	CR/TDWR CR/	ed undesirable at this well was dr tatements herein a	10)	Method Cemen Nation Station Artes No No Typ Yiel Ter (or use of the bits of the bit	ted by	(Company of Company of	Depth Dete Cyl	1=80 linderft. Estimatedhrs.
(Use reverse 13) WATER QUALITY: Did you knowingly penetrate ar water? Yes S No. If yes, submit "REPORT, OF UT Type of water? Was a chemical analysis made? NAME Henry F. Gurti (Type	CR/TDWR CR/TDWR CR/TDWR CR/TDWR Side if necessary III Side if n	ed undesirable at this well was dr tatements herein a	100 100 111 111 112 112 112 112 112 112	Method Cemen Nation Station Artes No No Typ Yiel Ter (or use of the bits of the bit	ted by FER LEVEL: C level108 Sian flow KERS: One E PUMP: bine Je or None to pump bowls, c L TESTS: De Test: Pu dd:6 gi onder my supervisest of my knowler istration No2	(Company of Line (Compa	Depth Depth Jetted t. drawdown after.	1=80 linderft. Estimatedhrs.
I3) WATER QUALITY: Did you knowingly penetrate ar water? Yes S No. if yes, submit "REPORT, OF UT Type of water? Was a chemical analysis made? NAME Henry F. Gurti (Type ADDRESS P.O. I	CR/TDWR CR/TDWR CR/TDWR CR/TDWR Side if necessary III Side if n	ed undesirable at this well was dr tatements herein a	110 111 112 112 Illed by more true to	Method Cemen Nation Station Artes No No Typ Yiel Ter (or use of the bits of the bit	ted by FER LEVEL: C level108 Sian flow KERS: One E PUMP: bine Je or None to pump bowls, c L TESTS: De Test: Pu dd:6 gi onder my supervisest of my knowler istration No2	(Company of Line (Compa	Depth Depth Depth Jetted drawdown after 7690 (Zip)	1=80 linderft. Estimatedhrs.

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY



29-6 F DUB

DE BENY E D



File original copy with	State of	Texas			Well No. 43-2	8-66
Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas	ERS LOG AND	WELL	ATA REPORT		Located on map_1 ByDa Map noDa	(e. s te <u>69</u>
1) Well Owner: This Schroeder	Lake Gurd	enso	# 2 8g	wange	lo Desa	2
2) Land Owner: The Sebroeder	hake Hurs	-1 City	#2 00	in and	State State	aci
3) Intended use: Industrial ;Municipal ;I	rrigation 🗆 ;Other	Ho-a	el		<u> </u>	
4) Location of well: County Jon Gree	w Co Labor_		League	Abstract No	·	
NW NE SW SE Of Section Block						
8 miles in N. W. direction	//	87		٠,		North
from Dan angels Ley,	on Hwy					1
i						•
;						
	,					
Sketch ma	p of well location wivey lines, and to lar	ith dista	nces from two se	ection		
0, 80,	DRILLERS LO					10
Method of drilling:	Diameter o	f hole	<u>6</u> in. Da	te drilled	10-21	-68
	rements made from		. above ground			
From To Description and (ft) (ft) formation mat		From (ft)	To (ft)	Descr:	iption and color material	of
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72 75 9000 0000	weki Creve					
75 82 More Conglomon					·. ·	
82 88 gravel more	2. A-					
88 90 red fred	TD					
Water			(Use cont	inuation shee	ts if necessary)	
	COMPLET	ION DATA	4		-	
COMPLETION	CAS	SING .	•		SCREEN	
Straight wall	Type: Old New	~ D		Type		
Under reamed □	Cemented from		ft. ·	.	_	
. Gravel packed□	toft.			Perforated	. sı	otted 🗌
Open hole	Diameter	Setti	ng	Diameter	Set	ting
other Cased all Way	(inches) from (ft)	to (ft)	(inches)	from (ft)	to (ft)
Wich 5" ID	.`					}
plaitie Casing	-					
0						
					L	
I hereby certify that each and all of the	atatemente berein ar	led by me e true to	(or under my au the best of my	pervision) an knowledge and	nd that i belief.	
Drille M. M.	ullary 55H	arden	the best of my	Reg. No	399	
Please attach electric log, chemical analysis,	p v chy		/ S1G16		-	
If well was tested by your company or if you in	stalled the permanent	t pump pl	ease complete th	ne following:		
	WATER LEVEL A					
Static water level	Pump type					
ft. below	Designed pump	ing rate_				gpm gph
Pumping level	Type power un:					
feet hours gpm	Horsepower			<u></u>		
			er, jet, etc		ft.	below pump base
						.zon pump base.
Name of contractor testing well or installing p	ermanent pump if other	er than y	our company:			
C-34 (62-4)						



DISCLAIMER/DETAILS

Banks Environmental Data, Inc. has performed a thorough and diligent search of all wells recorded with Texas state agencies. All mapped locations are based on information obtained from the originating agency. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could be traced to the appropriate regulatory authority or driller. Many water well schedules may have never been submitted to the regulatory authority by the driller and, may explain the possible unaccountability of privately drilled wells. Therefore, Banks Environmental Data, Inc. cannot guarantee the accuracy of the data or well locations of those maps and records maintained by the Texas regulatory authorities. Banks Environmental Data, Inc. Water Well Report™ is prepared from existing state water well databases and additional file research conducted at Texas' regulatory authorities. Submission of driller's log records became mandatory in 1985. The state of Texas has processed these records in several different filing systems within two state regulatory authorities. The water well files, records and map locations are maintained by the Texas Commission on Environmental Quality (TCEQ) and the Texas Water Development Board (TWDB). Actual water well site locations of this report are geocoded and geoplotted directly from the drilling records, drilling schedules, and driller's logs and maps submitted by the water well driller and maintained at these two primary water well regulatory authorities. Below is a description of the filing systems accessed for well drilling records.

The Texas Water Development Board (TWDB) maintains two datasets of located water well records:

- 1) TWDB Groundwater Data GW A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1966. TWDB GW wells are assigned a State Identification Number unique to that well (ie: 65-03-4 01.) Where exact latitude/longitude data was not provided by the driller, latitude and longitude were assigned that locate the well in the center of a 2 ½-minute grid on a topographic map. Records may also include analytical data.
- 2) TWDB Submitted Drillers Reports WIID The Submitted Driller's Report Database is populated from the online Texas Well Report Submission and Retrieval System which is a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application that registered water-well drillers use to submit their required reports. This system was started 2/5/01 and is optional for the drillers to use. Reports that drillers submit by mail are geoplotted/geocoded by a TWDB staff member. WIID wells are assigned a unique tracking number by the Texas Well Report Submission and Retrieval System. (ie: 972 63. 9416)

The Texas Commission on Environmental Quality (TCEQ) maintains two datasets of water well records. Where TCEQ's datasets are included in the Banks Environmental Data, Inc. Water Well Report, a description and example identifier are listed below.

1) Water Utility Database - This database contains a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ.

Public Water Systems Database PWS - The Public Water Systems records included in the WUD report are obtained digitally from TCEQ. The PWS database does not contain Drillers Reports or analytical data. The PWS Watersource name is the unique identifier in Banks Reports (StateID- S2200199A, G2200322A). Public water system IDs that begin with 'G' are groundwater wells. PWS IDs that begin with 'S' are surface intakes.

- 2) TCEQ Central Records Several different types of Driller's Reports are filed with TCEQ Central Records.
 - A) Plotted Water Well Reports Plotted Well logs are filed at TCEQ Central File Room based on county name, and grid number. Water well site locations are documented on the logs by the drillers. The accuracy and location of the Plotted wells are relative to the information provided on the drillers report. (ie: 65-59-1)

From 1991 to the 2001, Texas Well Reports contain a grid location box, where drillers mark an X to indicate where the well is located within the 2.5 minute quadrant. These locations have not been verified by the state.

B) Partially Numbered Well Completion Reports that were provided a State Identification Number by the TWDB that establishes the well location somewhere within a 2.5 minute quadrant of a 7.5 minute quadrangle map. This method was the standard procedure from 1986 through 1991.

Some of the historical well logs have a letter following the grid number. TWDB assigned letters to the correlating grid number to identify these wells (ie: 65-59-1A). In some instances, a single well number can represent more than one well location. This type of mapping and filing procedure ceased in June 1986.

Local Groundwater Conservation Districts/Subsidence Districts maintain separate databases from state agencies. Duplicates groundwater wells are likely between local GCDs/GSDs and TWDB and TCEQ databases.

Where reasonably ascertainable, local GCD/SD data are included in the water well report. For example, in the Harris/Galvest on area the Harris Galveston Subsidence District dataset is included in the report. (ie: HGSD1234) HGSD does not maintain well completion logs.

U.S. Geological Survey (USGS) maintains The National Water Information System (NWIS)Inventory. Banks water well report includes NWIS inventory (ie: USGS1234).