

UP DATED 1980

6L00756

Bldg 4070

WELL DATA			INSTALLATION				WELL NO.		
ELEVATION (Ft)		LOCATION			DATE CONSTR ENDED				
761		Lackland AFB Bldg 4070			12 June 1953				
WELL	TYPE								
	Drilled								
	DEPTH		DIAMETER		PUMPSETTING DEPTH				
1545		13 3/8"		170					
ORIG STATIC WATER LEVEL		DRAWDOWN		RECOVERY TIME					
112'		39'							
TEST DATA			AIR LINES AND GAGES			SPECIFIC CAPACITY (Gal per ft)			
Well capacity Pumping level		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Length		GPM / DRAWDOWN =			
1400 GPM				170'					
WELL PUMPING EQUIPMENT									
PUMP	TYPE AND MAKE							CAPACITY	
	Johnson Turbine							1400 GPM	
	SUCTION (Ft)		SIZE AND LENGTH			COLUMN			
PUMP	HEAD			NUMBER BOWLS		SIZE AND TYPE		NO. STAGES	
	Above grnd	Below grnd	Total						
MOTOR	SERIAL NO.	TYPE	MAKE	HP	RPM	FRAME	PHASE	CYCLES	VOLTAGE
	1021732	CFU	U.S. Elect	200	1800	587	3	60	440
	STANDBY POWER		MAKE	SIZE					
		CATERPILLAR							
HP	RPM Full Load	DESCRIPTION							
175	1800	model # 3306, 6 cyl, bore H. 75, stroke 6							
		Sec # 66D11868, Arrangement # 3N3209							
CASING AND WELL SCREENING MATERIAL USED						SETTING DEPTH	LENGTH EACH		
Set 1245' New 1/2" wall 13 3/8 PE N 80 Steel									
Pipe Lacking Float shoe with LACKIN equal-									
1255 every 100FT. Cemented same top to									
bottom with 1612 sacks cement o. l well									
process.									



TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Edwards

Field No. #4 BLD 4070

State Well No. 68-36-74

Owner's Well No. T-190

County Brewer

1. Location: 1/4, 1/4 Sec., Block 541.6 Survey ELO.05

2. Owner: Luckman & P.W.W. #4 Address: \_\_\_\_\_

Tenant: \_\_\_\_\_ Address: \_\_\_\_\_

Driller: J.R. Bob Johnson Drilling & Supply Address: \_\_\_\_\_

3. Elevation of LSP is 758.8 ft. above sea level, determined by B 5608

4. Drilled: 3-5 19 52, Dug, Cable Tool, Rotary, \_\_\_\_\_

5. Depth: Rept. 1520 ft. Meas. \_\_\_\_\_ ft.

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed \_\_\_\_\_

7. Pump: Mfg. \_\_\_\_\_ Type DWT

No. Stages \_\_\_\_\_, Bowl Diam. \_\_\_\_\_ in., Setting \_\_\_\_\_ ft.

Column Diam. \_\_\_\_\_ in., Length Tailpipe \_\_\_\_\_ ft.

8. Motor: Fuel elec gas Make & Model \_\_\_\_\_ HP. 1504100

9. Yield: Flow \_\_\_\_\_ gpm, Pump 1600 gpm, Meas., Rept., Est. \_\_\_\_\_

10. Performance Test: Date \_\_\_\_\_ Length of Test \_\_\_\_\_ Made by \_\_\_\_\_

Static Level \_\_\_\_\_ ft. Pumping Level \_\_\_\_\_ ft. Drawdown 7 ft.

Production 1400 gpm Specific Capacity \_\_\_\_\_ gpm/ft.

11. Water Level: 111.6 ft. rept. 4-21 19 52 above 8-5632

ft. meas. \_\_\_\_\_ 19 above which is \_\_\_\_\_ ft. above

ft. meas. \_\_\_\_\_ 19 below which is \_\_\_\_\_ ft. above

ft. meas. \_\_\_\_\_ 19 below which is \_\_\_\_\_ ft. above

ft. meas. \_\_\_\_\_ 19 above which is \_\_\_\_\_ ft. above

12. Use: Dom., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, \_\_\_\_\_

13. Quality: (Remarks on taste, odor, color, etc.) \_\_\_\_\_

Temp. \_\_\_\_\_ °F, Date sampled for analysis \_\_\_\_\_ Laboratory \_\_\_\_\_

Temp. \_\_\_\_\_ °F, Date sampled for analysis \_\_\_\_\_ Laboratory \_\_\_\_\_

Temp. \_\_\_\_\_ °F, Date sampled for analysis \_\_\_\_\_ Laboratory \_\_\_\_\_

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log in file

Formation Samples, Pumping Test, \_\_\_\_\_

15. Record by: \_\_\_\_\_ Date 12-2 19 79

Source of Data ELO 7

16. Remarks: Need schedule for T-190

9-20-80


CASING & BLANK PIPE		
Cemented From _____ ft. to _____		Setting, _____
Diam. (in.)	Type	from
13	steel	0

WELL SCREEN		
Screen Openings		
Diam. (in.)	Type	Setting, _____
		from

February 14, 1952

Log on Water Well # 4 for Lackland Air Force Base. (Total Depth 152)

0	4	Surface
4	30	Caliche and gravel
30	87	Yellow clay
87	387	Shale, Havarro
387	415	Oil sand
415	530	Shale, Navarro
530	715	Hard shale, Havarro
715	940	Taylor shale
940	1110	Austin chalk
1110	1140	Eagleford shale
1140	1190	Buda lime
1190	1228	Del Rio clay
1228	1252	Georgetown lime
1252	1520	Edwards lime

Set 1245 ft. of new 13 3/8" P. E. 80 steel pipe, Larkin float shoe, with a Larkin Equalizer every 100 feet, cemented same top to bottom with 1612 sacks of cement oil well process.

Description of Edwards:

1252	1319	Solid Edwards lime
1319	1320	Crevis lost returns
1320	1342	Crevis
1342	1493	Broken formation
1493	1499	Cave
1499	1511	Crevis
1511	1517	Broken
1517	1518	Crevis
1518	1520	Broken

---

J. R. -BOB- Johnson

68-2593





WATER PUMPING FACILITIES (Well #4)

LOG DESCRIPTIVE DATA

Well started 2-14-52, completed 3-11-52

Set 1245 ft. new  $\frac{1}{2}$ " wall  
 13 3/8 P. E. N 80 steel pipe.  
 Larkin Float Shoe w/Larkin  
 equalizers every 100 ft.  
 Cemented same top to bottom  
 w/1,612 sacks of cement oil  
 well process.

4 - 0	4	Surface
26 - 4	30	Caliche and Gravel
57 - 30	87	Yellow Clay
700 - 87	387	Shale (Navarro)
28 - 387	415	Oil Sand
115 - 415	530	Shale (Navarro)
185 - 530	715	Hard Shale (Navarro)
225 - 715	940	Taylor Shale
170 - 940	1110	Austin Chalk
30 - 1110	1140	Eagle Ford Shale
50 - 1140	1190	Buda Lime
38 - 1190	1228	Del Rio Clay
14 - 1228	1252	Georgetown Lime
268 - 1252	1520	Edwards Lime

} log pick shows 61' of Buda w/o getting out of it

Description of Edwards:

-1252	1319	Solid Edwards Lime
-1319	1320	Crevis loss returns
-1340	1342	Crevis
-1355	1360	Crevis
-1360	1366	Crevis
-1366	1375	Crevis
-1403	1493	Broken Formation
-1496	1499	Cave
-1507	1511	Crevis
-1511	1517	Broken
-1517	1518	Crevis
-1518	1520	Broken

T.D. 1520