STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Case 10

FORM C-108
Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery __X__ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes __X__ No

II. OPERATOR: Occidental Permian Limited Partnership

ADDRESS: P.O. Box 4294 Houston, TX 77210-4294

CONTACT PARTY: Richard E. Foppiano, Rm. 320D, WL2 PHONE: (281) 552-1303

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? __X__ Yes _____ No
If yes, give the Division order number authorizing the project: R-6199 (11/30/79)

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and text data on the well. (If well logs have been filed with the Division they need not be submitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Richard E. Foppiano TITLE: Senior Advisor - Reg. Affairs

SIGNATURE: Richard E. Foppiano DATE: August 8, 2001

* If the information required under Section VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstance of the earlier submittal. Hearing October 3, 1979; Case No. 6653, Order No. R-6199, effective November 30, 1979

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.: location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Attachment To Form C-108
Miscellaneous Data

Occidental Permian Limited Partnership
North Hobbs (Grayburg/San Andres) Unit
Lea County, New Mexico

III. Well Data

B.(5) Next higher oil zone -- Grayburg @ +/- 3700'
Next lower oil zone -- Glorieta @ +/- 5300'

VII. Proposed Operation

1. Average Injection Rate: N/A
   Maximum Injection Rate: 9000 BWPD, 15000 MCFGPD

2. Closed Injection System

3. Average Surface Injection Pressures: N/A
   Maximum Surface Injection Pressures:

Produced Water:	1100 psi
CO2:	1250 psi
CO2 with produced gas:	1770 psi

   (will not exceed 2400 psi bottomhole pressure)

4. Source Water – San Andres Produced Water
   (Mitchell Analytical Laboratory analyses attached)

IX. Stimulation Program:
Acid stimulation of injection interval with approximately 2000 gal. of 15% HCL

XI. Fresh Water Sample Analysis
(Laboratory Services, Inc. analyses are attached)

XII. Geologic statement attached.

TABULAR DATA FOR AREA-OF-REVIEW WELLS

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	LWR/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	13	18	37	330 FWL	1980 FSL	30025054480000	OXY	NHGSU	131	OIL	04/20/1961	4154		4012	8 5/8	11	343	375	SURF	OCD	
															5 1/2	7 7/8	4153	950	SURF	CALC	
2	13	18	37	330 FEL	330 FSL	30025127320000	OXY	NHGSU	441	OIL	04/20/1947	4258		4058	12 1/2	16	228	200	SURF	OCD	
															9	11 3/4	2786	600	SURF	CIRC	
															7	8 3/4	3922	250	3074	CBL	
															5 1/2	LINER	4258	100	TOL	CALC	TOL=3844
3	13	18	37	330 FEL	2310 FNL	30025054420000	ROBERSON	RICE	1	OIL	03/21/1956	4135		4135	8 5/8	11	249	150		OCD	
												OH			5 1/2	7 7/8	4018	350	2240	CALC	
4	13	18	37	1650 FEL	2310 FNL	30025054430000	ROBERSON	RICE	2	SWD	09/01/1956	4141		4141	8 5/8	11	270	200	SURF	OCD	
												OH			5 1/2	7 7/8	4035	300	2511	CALC	
5	13	18	37	220 FEL	1200 FSL	30025288780000	OXY	NHGSU	442	OIL	12/21/1984	4370		4146	8 5/8	12 1/4	1508	390	SURF	OCD	
															5 1/2	7 7/8	4370	800	1508	CBL	
6	13	18	37	1980 FWL	1980 FSL	30025054380000	PLUGGED	STATE B-13	3	D&A	06/05/1936	4245	06/06/1936	4192	9 5/8		1621	230		OCD	SCHEMATIC
															7		3941	400			
7	13	18	37	660 FWL	1980 FNL	30025054400000	OXY	NHGSU	121	OIL	06/13/1957	4235		4102	8 5/8	12 1/4	304	282	SURF	CIRC.	
															5 1/2	7 7/8	4199	1800	874	CBL	
8	13	18	37	1980 FEL	660 FSL	30025054460000	OXY	NHGSU	341	OIL	10/04/1935	4263		4168	12 1/2	16	245	150	SURF	CALC	
															9 5/8	11 3/4	1612	200	902	CALC	
															7	8 3/4	3960	275	3030	CBL	
															5	6 1/4	4262	110	TOL	CIRC	TOL=3745
9	13	18	37	1980 FEL	1980 FSL	30025054470000	OXY	NHGSU	331	OIL	07/27/1957	4243		4084	8 5/8	12 1/4	309	300	SURF	OCD	
															6 1/2	7 7/8	4243	1100	SURF	CALC	
10	13	18	37	1980 FWL	660 FNL	30025054410000	OXY	NHGSU	211	OIL	07/19/1957	4257		4180	8 5/8	12 1/4	318	300	SURF	OCD	
															5 1/2	7 7/8	4256	1800	SURF	CALC	

11	13	18	37	1980 FWL	1980 FNL	30025054390000	OXY	NHGSU	221	OIL	04/01/1957	4160		4064	8 5/8	12 1/4	307	300	SURF	CIRC.	
															5 1/2	7 7/8	4159	1700	1777	CBL	
12	13	18	37	1980 FWL	660 FSL	30025054360000	OXY	NHGSU	241	OIL	07/05/1935	4320		4038	10 3/4	15	236	150	SURF	CIRC	
															7 5/8	9 7/8	1615	300	386	CALC	
															5 1/2	6 5/8	4012	400	SURF	CIRC	
13	13	18	37	660 FWL	660 FSL	30025054370000	OXY	NHGSU	141	WIW	09/16/1935	4235		4040	13	17 1/2	268	200	SURF	CIRC.	
															9 5/8	12 1/4	1623	400	469	CALC	
															7	8 3/4	4001	400	2715	CBL	
															5 1/2	liner	4235	85	3957	CALC	TOL=3957
14	13	18	37	1650 FEL	990 FNL	30025098750000	ROBERSON	RICE	4	OIL	09/03/1957	4193		4193	8 5/8	11	299	175	SURF	OCD	
												OH			5 1/2	7 7/8	4040	250	2770	CALC	
15	13	18	37	990 FEL	1650 FSL	30025054450000	OXY	NHGSU	431	OIL	09/03/1954	4088		4088	9 5/8	12 1/4	1591	630	SURF	CALC	
												OH			7	8 3/4	3960	170	2965	CALC	
16	13	18	37	660 FWL	660FNL	30025054490000	CONOCO	NHGSU	1	D&A	05/26/1960	8877		---	13 3/8	17 1/2	331	300	SURF	OCD	SCHEMATIC
															9 5/8	12 1/2	5134	840		CALC	NEED P&A RPT

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	14	18	37	2310 FWL	2310 FNL	30025054580000	PLUGGED	STATE B	3	D&A	08/29/1960	4325	08/27/1960	4294	8 5/8	11	341	300	SURF	OCD	SCHEMATIC
															5 1/2	7 7/8	4324	600	2637	TS	
2	14	18	37	660 FEL	660 FSL	30025250200000	OXY	NHGSU	441	OIL	06/25/1975	4150		4126	8 5/8	12 1/4	350	275	SURF	OCD	
															4 1/2	7 7/8	4150	350	2790	TS	
3	14	18	37	330 FEL	660 FSL	30025101990000	PLUGGED	STATE E	1	D&A	06/26/1936	4374	12/21/1938	4374	12	17	229	150		OCD	SCHEMATIC
															9 5/8	12	1612	650			
															7	8 3/4	4011	280			
4	14	18	37	1650 FEL	1650 FSL	30025054550000	OXY	NHGSU	331	OIL	05/12/1958	4325		4246	8 5/8	12 1/4	328	325	SURF	OCD	
															5 1/2	7 7/8	4324	300	3015	TS	
5	14	18	37	330 FEL	1650 FSL	30025054540000	OXY	NHGSU	431	OIL	01/13/1958	4162		4134	8 5/8	12 1/4	313	300	SURF	OCD	
															5 1/2	7 7/8	4162	300	2558	TS	
6	14	18	37	2310 FWL	660 FSL	30025054530000	OXY	NHGSU	241	OIL	05/05/1958	4300		4148	8 5/8	12 1/4	425	300		OCD	
															5 1/2	7 7/8	4299	1964	SURF	CALC	
7	14	18	37	330 FWL	330 FSL	30025054520000	PLUGGED	STATE	1	P&A	01/20/1953	4135	01/06/1965	4079	10 3/4	15	265	200	SURF	OCD	SCHEMATIC
															7	8 3/4	3910	150			
8	14	18	37	2310 FWL	1650 FSL	30025054510000	OXY	NHGSU	231	WIW	08/08/1958	4250		4184	8 5/8	12 1/4	262	250		OCD	
															5 1/2	7 7/8	4249	400	2705	TS	
9	14	18	37	1650 FEL	660 FSL	30025054500000	OXY	NHGSU	341	OIL	11/01/1957	4176		4176	8 5/8	11	303	250	SURF	CIRC	
															5 1/2	7 7/8	4143	400	2920	CBL	
10	14	18	37	1650 FEL	2310 FNL	30025054570000	OXY	NHGSU	321	WIW	12/10/1959	4300		4218	9 5/8	12 1/4	344	325	SURF	CIRC	
															5 1/2	7 7/8	4274	600	2647	CBL	
11	14	18	37	330 FEL	2310 FNL	30025054560000	OXY	NHGSU	421	OIL	01/21/1936	4180			10 3/4	15 1/2	221	225	SURF	OCD	
														OH	7 5/8	8 3/4	1732	500	SURF	CIRC	
															5 1/2	6 3/4	4019	125	2702	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
12	11	18	37	560 FSL	660 FEL	30025258850000	PLUGGED	STATE 11	1	D&A	06/28/1978	8200			13 3/8		395	425			SCHEMATIC
															8 5/8		4400	1500			NEED P&A RPT

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	17	18	38	330 FWL	2310 FNL	30025073330000	OXY	NHGSU	121	OIL	12/05/1961	4234		4184	8 5/8	12 1/4	256	200	SURF	OCD	
															4 1/2	7 7/8	4234	545	2129	CALC	
2	17	18	38	330 FWL	660 FSL	30025073350000	OXY	NHGSU	141	OIL	03/14/1933	4260		4260	12 1/2	18	214	175	SURF	OCD	
														OH	7	9 7/8	4056	400	2726	CALC	
3	17	18	38	330 FWL	1650 FSL	30025073360000	OXY	NHGSU	131	OIL	07/12/1957	4207		4158	9 5/8	12 1/4	428	240	SURF	OCD	
															7	8 3/4	4192	925	2440	TS	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	18	18	38	990 FEL	330 FSL	30025073430000	PLUGGED	NHGSU	441	P&A	01/28/1933	4253	10/21/1987	4253	13 3/8		218	200	SURF	OCD	SCHEMATIC
															8 5/8		4022	500			
2	18	18	38	2310 FEL	580 FSL	30025237650000	OXY	NHGSU	341	OIL	08/01/1971	4340		4001	8 5/8	11	295	250	SURF	OCD	
															5 1/2	7 7/8	4339	285	2525	TS	
3	18	18	38	2330 FWL	2310 FNL	30025073520000	JIMMY	HARDIN B	2	OIL	09/01/1958	4145		4091	12 3/4	17 1/2	20		SURF	OCD	
							ROBERSON								8 5/8	11	238	175	SURF	CIRC	
															5 1/2	7 7/8	4143	250	2873	CALC	
4	18	18	38	621 FWL	1980 FNL	30025073510000	JIMMY	HARDIN B	1	OIL	12/26/1957	4128		4030	8 5/8	12 1/2	339	200	SURF	OCD	
							ROBERSON								5 1/2	7 7/8	4127	1850	SURF	CALC	
5	18	18	38	330FWL	2310 FNL	30025073500000	PLUGGED	HARDIN	1	D&A	05/01/1933	4720	02/28/1981		15 1/2		227	225	SURF	OCD	SCHEMATIC
															9 5/8		2795	650			
															7		4010	300			
6	18	18	38	660 FEL	1880 FNL	30025073470000	PLUGGED	NHGSU	421	P&A	09/16/1959	4177	05/03/1984	4141	8 5/8	12 1/4	305	300	SURF	OCD	SCHEMATIC
															4 1/2	6 3/4	4177	350			
7	18	18	38	1980 FEL	1980 FSL	30025073460000	PLUGGED	NHGSU	331	P&A	05/20/1959	4170	01/31/2000	4054	8 5/8	12 1/4	320	310	SURF	OCD	SCHEMATIC
															4 1/2	7 7/8	4170	1027	SURF	CIRC	
8	18	18	38	660 FEL	1980 FSL	30025073440000	PLUGGED	NHGSU	431	P&A	09/28/1957	4200	03/07/1995	4102	8 5/8	11	428	325	SURF	OCD	SCHEMATIC
															5 1/2	7 7/8	4199	1600			
9	18	18	38	2310 FEL	330 FSL	30025073420000	OXY	NHGSU	342	OIL	11/20/1932	4286		4221	13 3/8	17 1/2	228	180	SURF	CALC	
														PERF & OH	9 5/8	12 1/4	2816	500	1411	CALC	
															7	8 3/4	4024	250	3207	CBL	
															5 1/2	7 7/8	4221	275	3974	CIRC	TOL=3974
10	18	18	38	330 FWL	1980 FSL	30025073410000	PLUGGED	NHGSU	231	P&A	05/11/1959	4290	02/25/2000	4062	7	9 5/8	327	250	SURF	OCD	SCHEMATIC
															4 1/2	6 1/4	4289	185	2722	TS	
11	18	18	38	2310 FWL	2310 FSL	30025073390000	PLUGGED	NHGSU	131	P&A	06/24/1933	4180	02/29/2000	4180	12 1/2		225	250	SURF	OCD	SCHEMATIC
															9 5/8		2803	450			
															7		4134	200			

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
12	18	18	38	2310 FWL	330 FSL	30025073380000	OXY	NHGSU	241	OIL	11/28/1932	4152		4152	12 1/2	16	228	250	SURF	OCD	
															9 5/8	12 1/4	2803	400	1679	CALC	
															7	8 3/4	3937	280	2298	CALC	
															5 1/2	6 1/2	4197	320	3887	CALC	TOL=3887
															4	4 3/4	4323	35	4148	CALC	TOL=4148
13	18	18	38	2600 FWL	1200 FSL	30025271980000	OXY	NHGSU	242	WIW	07/18/1981	4510			16	20	40	40	SURF	OCD	
															8 5/8	12 1/4	1600	875	SURF	CIRC	
															5 1/2	7 7/8	4510	900	SURF	CALC	
14	18	18	38	330 FWL	330 FSL	30025073370000	OXY	NHGSU	141	OIL	06/17/1932	4158		4158	16	20	222	250	SURF	OCD	
															10 3/4	15	2781	450	2118	CALC	
															8 5/8	9 7/8	3925	275	2006	CALC	
															6 5/8	8 1/4	4146	50	3859	CALC	TOL=3859
															4 1/2	6 1/4	4333	100	4086	CALC	TOL=4086
15	18	18	38	1980 FEL	1980 FNL	30025073450000	OXY	NHGSU	321	OIL	03/16/1959	4170		4067	8 5/8	12 1/4	433	350	SURF	OCD	
															4 1/2	7 7/8	4168	1400	SURF	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	Driller TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	No. of Sxs	TOC	Source	Comments
1	19	18	38	330 FWL	2310 FNL	30025073570000	OXY	NHGSU	121	OIL	09/26/1930	4210		4210	12 1/2	16	245	200	SURF	CIRC	
														OH	9	11 3/4	2752	500	1338	CALC	
															7	8 3/4	4020	200	3070	CBL	
															4 1/2	6 3/4	4250	45	3954	CALC	TOL=3884
2	19	18	38	1300 FEL	1300 FNL	30025073700000	OXY	NHGSU	411	OIL	02/28/1933	4342		4231	12 1/2	18 1/2	226	200	SURF	CIRC	
															7	8 3/4	3966	700	2574	CBL	
															4 1/2	6 1/4	4342	100	3484	CALC	TOL=3867
3	19	18	38	2310 FEL	1309 FNL	30025073690000	OXY	NHGSU	311	OIL	11/10/1930	4296		4222	12 1/2	16	217	200	SURF	CIRC	
															9 5/8	11 3/4	2750	600	548	N/A	
															7	8 3/4	3952	300	3060	CBL	
															5	6 1/4	4296	435	4080	CBL	TOL=3868
4	19	18	38	2310 FWL	1309 FNL	30025073590000	OXY	NHGSU	211	OIL	11/28/1930	4266		4220	12 1/2	16	241	200	SURF	CIRC	
															9	11 3/4	2750	500	1336	CALC	
															7	8 3/4	3983	200	2812	CALC	
															5	6 1/8	4266	50	3925	CALC	TOL=3925
5	19	18	38	990 FWL	990 FNL	30025073580000	OXY	NHGSA	112	WIW	05/15/1952	4254		4248	8 5/8	11	251	200	SURF	CIRC	
											01/26/1982				5 1/2	7 7/8	4254	1500	1108	CBL	
6	19	18	38	1980 FWL	420 FSL	30025234810000	OXY	NHGSU	242	OIL	05/26/1970	7105		6080	13 3/8	17 1/2	360	360	SURF	CIRC	
															9 5/8	12 1/4	3794	500	2389	CALC	
															5 1/2	8 3/4	7103	950	3793	CALC	TOL=3537
7	19	18	38	330 FWL	330 FNL	30025073560000	PLUGGED	HARDIN	4	P&A	09/13/1932	4204	10/09/1997	4204	12 1/2		230				SCHEMATIC
															9		2770				NEED P&A RPT
															7		3945				
8	19	18	38	2310 FWL	2310 FNL	30025073550000	OXY	NHGSU	221	OIL	09/18/1930	4209		4209	12 1/2	16	240	200	SURF	CIRC	
														OH	9	11 3/4	2750	500	1336	CALC	
															6 5/8	8 3/4	3991	200	3003	CALC	
9	19	18	38	330 FWL	330 FSL	30025073650000	OXY	NHGSU	141	OIL	06/26/1930	4248		4210	12 1/2	16	218	300	SURF	CIRC	
															9	11 3/4	2783	500	SURF	CIRC	
															7	8 3/4	3880	500	953	CALC	
															5 1/2	6 1/8	4248	100	3810	CALC	TOL=3810

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	Driller TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	No. of Sxs	TOC	Source	Comments
10	19	18	38	380 FEL	1100 FSL	30025288810000	OXY	NHGSU	442	OIL	12/23/1984	4370		4263	13 3/8		40		SURF	OCD	
															8 5/8	12 1/4	1525	620	SURF	CIRC	
															5 1/2	7 7/8	4370	1320	SURF	CIRC	
11	19	18	38	1460 FWL	160 FNL	30025288800000	OXY	NHGSU	212	OIL	07/13/1985	4370		4019	13 3/8		40		SURF	OCD	
															9 5/8	12 1/4	1504	625	SURF	CIRC	
															7	8 3/4	4368	1220	SURF	CIRC	
12	19	18	38	2310 FEL	330 FSL	30025124910000	OXY	NHGSU	341	OIL	09/11/1930	4245		4220	12 1/2	16	236	225	SURF	CIRC	
															9 5/8	12 1/4	2750	600	1064	CALC	
															7	8 3/4	3975	225	3299	CBL	
															5 1/2	6 1/8	4245	100	3937	CALC	TOL=3937
13	19	18	38	1305 FEL	2310 FNL	30025073680000	OXY	NHGSU	421	OIL	11/07/1930	4240		4240	12 1/2	16	237	200	SURF	CIRC	
														OH	9 5/8	11 3/4	2754	600	623	CALC	
															7	8 3/4	3948	300	2192	CALC	
14	19	18	38	330 FEL	330 FSL	30025073660000	OXY	NHGSU	441	OIL	11/20/1932	4206		4206	15 1/2	18	221	204	SURF	OCD	
															9 5/8	12 1/4	2775	600	1089	CALC	
															6 5/8	8 3/4	3982	300	2500	CALC	
															5	6 1/4	4206	100	3949	CALC	TOL=3949
15	19	18	38	2310 FWL	330 FSL	30025073640000	OXY	NHGSU	241	OIL	09/12/1930	4200		4200	12 1/2	18	246	200	SURF	CIRC	
															9 5/8	12	2750	600	SURF	CIRC	
															7	8 3/4	3975	225	2658	CALC	
															5 1/2	7 7/8	4246	100	3936	CALC	TOL=3936
16	19	18	38	2310 FEL	2310 FSL	30025073630000	OXY	NHGSU	331	OIL	09/11/1930	4255		4200	12 1/2	18	253	200	SURF	CIRC	
															9 5/8	12 1/4	2743	600	1057	CALC	
															7	8 3/4	3975	225	2658	CALC	
															5 1/2	7 7/8	4255	100	3809	CALC	TOL=3809
17	19	18	38	2310 FWL	2310 FSL	30025073620000	OXY	NHGSU	231	WIW	09/13/1930	4247		4200	12 1/2	18	239	200	SURF	CIRC	
															9 5/8	11 1/4	2750	600	SURF	CALC	
															7	8 3/4	3975	255	3100	CBL	
															5 1/2	7 7/8	4246	100	3931	CALC	TOL=3931

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	Driller TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	No. of Sxs	TOC	Source	Comments
18	19	18	38	2310 FEL	2310 FNL	30025073600000	OXY	NHGSU	321	OIL	09/12/1930	4205		4205	15 1/2	18	220	200	SURF	CIRC	
															9 5/8	12 1/4	3901	300	3058	CALC	
															7	8 3/4	3945	300	2189	CALC	
															5 1/2	6 1/2	4244	100	3809	CALC	TOL=3809
19	19	18	38	330 FWL	2310 FSL	30025073610000	OXY	NHGSU	131	OIL	09/13/1930	4247		4210	12 1/2	18	240	200	SURF	CIRC	
															9 5/8	12	2774	600	SURF	CIRC	
															7	8 3/4	3960	225	2643	CALC	
															5 1/2	6 1/2	4247	150	2230	CALC	
20	19	18	38	1320 FEL	2310 FSL	30025124900000	PLUGGED	HD MCKINLEY A	8	P&A	11/11/1930	4210	04/17/1963	4210	12 1/2	18	240	300		OCD	SCHEMATIC
															9 5/8	12	2810	600			
															7	8 3/4	4000	225			
															4 1/2	6 1/4	4237	70			TOL=3850
21	19	18	38	990 FEL	1650 FSL	30025226010000	OXY	NHGSU	431	OIL	07/03/1968	4286		4199	8 5/8	12 1/4	277	200	SURF	CIRC	
															4 1/2	7 7/8	4285	435	2537	CBL	
22	19	18	38	1410 FWL	2501 FSL	30025291720000	OXY	NHGSU	232	OIL	09/24/1985	4420		4207	13 3/8	17 1/2	40	N/A	N/A	N/A	
															9 5/8	12 1/4	1498	425	SURF	CIRC	
															7	8 3/4	4419	900	SURF	CIRC	
23	19	18	38	119 FEL	2495 FNL	30025291960000	OXY	NHGSU	422	OIL	09/30/1985	4370		4220	13 3/8	17 1/2	40		SURF	OCD	
															8 5/8	12 1/4	1520	750	SURF	CIRC	
															5 1/2	7 7/8	4368	920	SURF	CIRC	
24	19	18	38	1300 FWL	1200 FSL	30025271380000	OXY	NHGSU	WI-142	W-INJ	07/12/1981	4510			16	18	40	40	SURF	CIRC	
															8 5/8	12 1/4	1600	875	SURF	CIRC	
															5 1/2	7 7/8	4510	900	2606	CBL	
25	19	18	38	2535 FEL	1430 FSL	30025291950000	OXY	NHGSU	332	OIL	06/22/1985	4370		4064	13 3/8	17 1/2	40	REDIMIX	N/A	CIRC	
															9 5/8	12 1/4	1510	625	SURF	CIRC	
															7	8 3/4	4368	955	SURF	CIRC	
26	19	18	38	1650 FEL	2310 FSL	30025073670000	PLUGGED	MCKINLEY A-19	1	D&A	08/26/1962	9550	02/19/1962		13 3/8	17	351	350	SURF	CIRC	SCHEMATIC
															8 5/8	12 1/4	4499	2500	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	LWR Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	20	18	38	2310 FEL	2310 FNL	30025073800000	PLUGGED	MCKINLEY B	1	P&A	04/13/1936	4242	07/08/1946	4220	12 1/2	16	253	150		OCD	SCHEMATIC
											01/28/1947	8010	02/15/1947		6 5/8	9 7/8	4119	875			
															5 1/2		7543	350			
2	20	18	38	700 FEL	330 FSL	30025073850000	PLUGGED	BOWERS FEDERAL	3	P&A	03/01/1954	4230	01/01/1960	4180	10 3/4		250	150	SURF	OCD	SCHEMATIC
															7		4136	600			
3	20	18	38	990 FEL	1850 FSL	30025073870000	PLUGGED	NHGSU	432	P&A	01/23/1954	4210	12/19/1997	4210	10 3/4	17	246	150		OCD	SCHEMATIC
															7	8 3/4	4050	600			
4	20	18	38	330 FWL	330 FSL	30025073830000	OXY	NHGSU	141	OIL	11/09/1932	4228		4207	12 1/2	16	233	200	SURF	CALC	
															9 5/8	12 1/4	2800	600	1114	CALC	
															7	8 3/4	3981	200	2810	CALC	
															5	6 1/4	4228	44	3929	CALC	TOL=3929
5	20	18	38	1650 FEL	1650 FNL	30025073740000	PLUGGED	SM-20	1	P&A	03/24/1962	6175	11/08/1967		8 5/8	12 1/4	305	225	SURF	OCD	SCHEMATIC
6	20	18	38	1320 FWL	2310 FSL	30025073820000	OXY	NHGSU	231	WIW	10/13/1930	4210		4210	12 1/2	16	242	200	SURF	OCD	
														OH	9 5/8	12 1/4	2810	600	1124	CALC	
															7	8 3/4	4025	200	2854	CALC	
7	20	18	38	330 FWL	1650 FSL	30025232060000	OXY	NHGSU	131	OIL	07/25/1969	4270		4222	8 5/8	12 1/2	292	300		OCD	
															5 1/2	7 7/8	4266	600	1218	CALC	
8	20	18	38	2310 FWL	330 FSL	30025124930000	OXY	NHGSU	241	OIL	10/13/1930	4205		4205	12 1/2	16	242	225	SURF	OCD	
														OH	9 5/8	11 3/4	2855	600	724	CALC	
															7	8 3/4	3985	225	2668	CALC	
9	20	18	38	990 FEL	330 FSL	30025073730000	PLUGGED	BOWERS B	3	P&A	01/31/1933	4225	04/01/1959	4225	15 1/2	18	250	225		OCD	SCHEMATIC
															9 5/8	12 1/4	2793	650			
															7	8 3/4	4015	310			
10	20	18	38	1850 FWL	1610 FSL	30025272140000	OXY	NHGSU	233	WIW	07/18/1981	4510			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/2	1500	850	SURF	OCD	
															5 1/2	7 7/8	4510	1050	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	LWR Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
11	20	18	38	1325 FWL	1325 FSL	30025073840000	OXY	NHGSU	232	OIL	07/18/1933	4234		4234	15 1/2	18	243	150	SURF	OCD	
														OH	9 5/8	12 1/4	1615	75	1404	CALC	
															7	8 3/4	4089	250	2626	CALC	
12	20	18	38	2310 FEL	1650 FSL	30025073720000	PLUGGED	BA BOWERS B	2	P&A	12/24/1932	4247	07/01/1946	4247	15 1/2		225	225		OCD	SCHEMATIC
															10 3/4		2810	700			
															7		4050	300			
13	20	18	38	330 FWL	990 FNL	30025073750000	OXY	NHGSU	111	OIL	10/14/1932	4238			12 1/2	16	213	200	SURF	CALC	
															9	12 1/2	2796	500	1724	CALC	
															7	8 3/4	4040	250	2577	CALC	
14	20	18	38	990 FEL	1650 FSL	30025073760000	PLUGGED	BROWN GRIMES	1	P&A	11/27/1934	4244	01/01/1952	4244	12 1/2		229	150	SURF	OCD	SCHEMATIC
															7		4015	550	1775		
15	20	18	38	1320 FWL	2310 FNL	30025073770000	OXY	NHGSU	221	OIL	10/14/1930	4224		4225	13 3/8	17 1/2	227	142	47	CALC	
														OH	9 5/8	12 1/4	2770	700	803	CALC	
															7	8 3/4	4026	150	3148	CALC	
16	20	18	38	660 FWL	1980 FNL	30025073780000	PLUGGED	NHGSU	121	P&A	04/25/1933	4241	01/02/2001	4241	16	19 3/4	259	225	SURF	OCD	SCHEMATIC
															7	12 1/4	4054	275			
17	20	18	38	1980 FEL	2310 FNL	30025073790000	PLUGGED	MCKINLEY B	1-A	OIL	03/20/1952	4270	01/01/1960	4270	10 3/4	13	278	125	SURF	OCD	SCHEMATIC
															7	8 3/4	4100	350	2051	CALC	
18	20	18	38	2010 FEL	1650 FSL	30025073810000	PLUGGED	NHGSU	331	P&A	03/17/1954	4202	04/05/1982	4202	8 5/8		252	150	SURF	OCD	SCHEMATIC
															5 1/2		4130	600			
19	20	18	38	2310 FEL	330 FSL	30025073710000	OXY	NHGSU	341	OIL	10/28/1930	4242		4242	12 1/2	16	236	200	SURF	OCD	
															9 5/8	11 3/4	2783	500	SURF	CIRC	
															7	8 3/4	4055	300	2299	CALC	
20	20	18	38	1650 FEL	1650 FNL	3002507374	PLUGGED	SM-20	1	P&A	03/24/1962	6175	11/08/1967		8 5/8	12 1/4	305	225	SURF	OCD	SCHEMATIC
21	20	18	38	990 FEL	2310 FNL	3002507388	PLUGGED	NHGSU	421	P&A	05/14/1952	4414	01/10/2001	4256	8 5/8	11	302	150		OCD	SCHEMATIC
															5 1/2		4278	215			

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	LWR Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
22	20	18	38	660 FEL	1650 FSL	3002507386	PLUGGED	NHGSU	431	P&A		4253	01/12/2001	4225	8 5/8	11	275	150	SURF	OCD	SCHEMATIC
															5 1/2	6 3/4	4253	200			

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	No. of Sxs	TOC	Source	Comments
1	21	18	38	1650 FWL	330 FSL	30025073910000	PLUGGED	NHGSU	241	P&A	10/14/1935	4225	01/26/2000	4225	13		281	225		OCD	SCHEMATIC
															7		4109	1300			
2	21	18	38	330 FWL	330 FSL	30025073900000	OXY	NHGSU	141	OIL	01/15/1935	4219		4219	13 3/8	17 1/2	270	200	SURF	OCD	
														OH	8 1/4	9 7/8	4067	650	506	CALC	
3	21	18	38	330 FWL	2310 FNL	3002507389	PLUGGED	MORRIS	1	D&A	11/03/1952	4294	19308		10 3/4	15	283	150	SURF	OCD	SCHEMATIC
															7	8 3/4	4100	150			
4	21	18	38	430 FWL	2310 FNL	3002527777	ROBINSON	MORRIS	2	OIL	05/29/1982	4230		4189	8 5/8	12 1/2	350	250	SURF	OCD	
															5 1/2	7 7/8	4230	1050	700	TS	
5	21	18	38	330 FWL	1650 FSL	3002507393	PLUGGED	NHGSU	131	P&A	12/10/1935	4235	36549	4235	13	17 1/2	295	250	SURF	OCD	SCHEMATIC
															7	8 5/8	4106	1300			
6	21	18	38	1350 FWL	1350 FSL	3002507394	PLUGGED	NORTH GRIMES	4	P&A	04/14/1936	4223	17937	OH	13	18	247	259	SURF	OCD	SCHEMATIC
															7	9 7/8	4126	1300			

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	23	18	37	330 FEL	990 FSL	30025054730000	OXY	NHGSU	441	OIL	01/09/1956	4225		4224	8 5/8	12 1/4	311	300	SURF	CIRC	
															5 1/2	7 7/8	4225	2000	SURF	CALC	
2	23	18	37	2310 FWL	900 FSL	30025054720000	OXY	NHGSU	241	OIL	08/01/1959	4390		4194	8 5/8	11	339	350	SURF	CIRC	
															5 1/2	7 7/8	4389	800	2770	CBL	
3	23	18	37	2310 FWL	2310 FSL	30025054710000	OXY	NHGSU	231	WIW	06/12/1959	4330		4160	8 5/8	12	310	350	SURF	OCD	
															5 1/2	7 7/8	4330	300	2630	TS	
4	23	18	37	2310 FWL	1650 FNL	30025054700000	OXY	NHGSU	221	OIL	03/21/1929	4299		4100	8 5/8	12 1/4	332	300	SURF	OCD	
															5 1/2	7 7/8	4299	300	2760	TS	
5	23	18	37	2310 FWL	330 FNL	30025054690000	OXY	NHGSU	211	WIW	02/21/1959	4297		4108	8 5/8	12 1/4	320	325	SURF	OCD	
															5 1/2	7 7/8	4296	300	2905	TS	
6	23	18	37	330 FEL	660 FNL	30025127830000	OXY	NHGSU	411	OIL	12/29/1941	4150		4122	8 5/8	11	334	125	SURF	OCD	
														OH	5 1/2	6 3/4	3915	75	3125	CALC	
7	23	18	37	1650 FEL	2310 FSL	30025054740000	OXY	NHGSU	331	OIL	04/20/1956	4283		4258	8 5/8	11	344	180	SURF	CIRC	
															5 1/2	7 7/8	4283	1200	2608	CBL	
8	23	18	37	760 FEL	990 FSL	30025054680000	OXY	NHGSU	412	OIL	08/19/1955	4202		4202	8 5/8	12	240	125	SURF	OCD	
														OH	5 1/2	6 3/4	3990	250	1356	CALC	
9	23	18	37	330 FEL	2310 FSL	30025054670000	OXY	NHGSU	431	WIW	01/14/1953	4191		4191	8 5/8	12	252	125	SURF	CIRC	
														OH	5 1/2	7 3/8	3993	300	1922	CALC	
10	23	18	37	330 FEL	1650 FNL	30025054660000	OXY	NHGSU	421	OIL	07/20/1951	4158		4158	8 5/8	11	320	125	SURF	OCD	
														OH	5 1/2	6 3/4	4000	150	2419	CALC	
11	23	18	37	330 FEL	330 FNL	30025054650000	PLUGGED	STATE F	1-AO	P&A	06/19/1951	4115	10/15/1957	4115	8 5/8	11	1592	525	SURF	OCD	SCHEMATIC
															5 1/2	6 3/4	4099	130			
12	23	18	37	1650 FEL	330 FNL	30025054640000	OXY	STATE F	311	OIL	08/20/1957	4125		4095	8 5/8	11	300	300	SURF	OCD	
															5 1/2	7 7/8	4125	730	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
13	23	18	37	1650 FEL	1650 FNL	30025054630000	OXY	NHGSU	321	WIW	07/12/1957	4265		4120	8 5/8	12 1/4	309	300	SURF	CIRC	
															5 1/2	7 7/8	4265	1355	2804	CBL	
14	23	18	37	990 FWL	1650 FNL	30025054620000	PLUGGED	NHGSU	121	P&A	12/17/1959	4250	01/12/1984	4230	8 5/8	11 1/4	321	150	SURF	OCD	SCHEMATIC
															5 1/2	7 7/8	4248	425	2710	TS	
15	23	18	37	1650 FEL	990 FSL	30025054750000	OXY	NHGSU	341	OIL	05/23/1956	4302		4228	8 5/8	11	352	180	SURF	CIRC	
															5 1/2	7 7/8	4302	750	2162	CBL	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
2	24	18	37	200 FEL	1260 FSL	30025290980000	OXY	NHGSU	442	OIL	03/30/1985	4384		4074	13 3/8	17 1/2	40	N/A	SURF	N/A	
															9 5/8	12 1/4	1527	375	SURF	CIRC	
															7	8 3/4	4384	576	SURF	CIRC	
3	24	18	37	2605 FWL	1260 FNL	30025291290000	OXY	NHGSU	212	OIL	05/23/1985	4370		4112	13 3/8	17 1/2	40	200	SURF	CIRC	
															9 5/8	12 1/4	1500	600	SURF	CIRC	
															7	8 3/4	4368	850	SURF	CIRC	
4	24	18	37	2630 FEL	10 FNL	30025291300000	OXY	NHGSU	312	OIL	05/20/1985	4370		4205	13 38	17 1/2	40	40	SURF	OCD	
															9 5/8	12 1/4	1500	600	SURF	CIRC	
															7	8 3/4	4369	950	SURF	CIRC	
5	24	18	37	206 FEL	1200 FNL	30025284140000	OXY	NHGSU	413	OIL	11/14/1984	4400		4104	16	20	40	N/A	N/A	N/A	
															8 5/8	12 1/4	1520	750	SURF	CIRC	
															5 1/2	7 7/8	4400	775	SURF	CIRC	
6	24	18	37	1280 FEL	10 FNL	30025288790000	OXY	NHGSU	414	OIL	11/26/1984	4370		4293	13 3/8	17 1/2	40	N/A	SURF	CIRC	
															8 5/8	12 1/4	1512	711	SURF	CIRC	
															5 1/2	7 7/8	4370	730	SURF	CIRC	
7	24	18	37	1435 FEL	145 FSL	30025290620000	OXY	NHGSU	342	WIW	03/31/1985	4371		4121	13 3/8	17 1/2	40	40	SURF	OCD	
															9 5/8	12 1/4	1531	600	SURF	CIRC	
															7	8 3/4	4371	850	SURF	CIRC	
8	24	18	37	2316 FWL	2304 FNL	30025098760000	OXY	NHGSU	221	OIL	10/14/1934	4260			12 1/2	16	225	150	SURF	CALC	
															9 5/8	12 1/4	2802	150	SURF	CIRC	
															7	8 3/4	4030	250	3005	CBL	
															5 1/2		4259	100	3953	CBL	TOL=3953
9	24	18	37	548 FWL	1605 FSL	30025353700000	OXY	NHGSU	613			4435			14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1500	950	SURF	CIRC	
															5 1/2	7 7/8	4438	1000	SURF	CIRC	
10	24	18	37	540 FWL	843 FNL	30025354670000	OXY	NHGSU	611			4440			14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1497	850	SURF	CIRC	
															5 1/2	7 7/8	4440	850	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
11	24	18	37	2600 FWL	1300 FSL	30025268320000	OXY	NHGSU	242	WIW	02/05/1981	4443		4209	16	20	40	40	SURF	CALC	
															8 5/8	12 1/4	1600	785	SURF	CIRC	
															5 1/2	7 7/8	4443	1350	SURF	CALC	
12	24	18	37	990 FEL	990 FNL	30025235220000	OXY	NHGSU	411	OIL	07/06/1970	4283		4260	8 5/8	12 1/4	322	210	SURF	CIRC	
															5 1/2	7 7/8	4283	265	2524	CBL	
13	24	18	37	760 FEL	1980 FNL	30025230810000	OXY	NHGSU	421	OIL	05/26/1969	6107			13 3/8	17 1/2	408	400	CIRC	OCD	
								NCT-A							8 5/8	11	3903	500	2172	CALC	
															5 1/2	7 7/8	6106	685	2627	CALC	
14	24	18	37	1980 FWL	660 FNL	30025070470000	OXY	NHGSU	211	OIL	03/31/1935	4260		4260	12 1/2	16	257	150	14	CALC	
														OH	9 5/8	12 1/4	1598	200	1036	CALC	
															7	8 3/4	4010	250	2547	CALC	
15	24	18	37	2310 FEL	330 FSL	30025054900000	OXY	NHGSU	341	OIL	05/14/1933	4225		4225	12 1/2	16	208	200	SURF	OCD	
														OH	9	12 1/4	2808	400	1874	CALC	
															7	8 3/4	3896	308	2093	CALC	
16	24	18	37	610 FEL	410 FNL	30025347880000	TEXACO	NM STATE	1	TA	04/30/2000	8650		6094	11 3/4	14 3/4	415	290	CIRC	OCD	
															8 5/8	11	5072	670	SURF	CIRC	
															5 1/2	7 7/8	8650	1620	422	CALC	
17	24	18	37	990 FWL	1650 FNL	30025054760000	OXY	NHGSU	121	WIW	01/29/1935	4319			12 1/2	16	228	250	SURF	CALC	
														PERF & OH	9 5/8	12 1/4	2821	450	1557	CALC	
															7	8 3/4	4053	400	3214	CBL	
															5 1/2	7 7/8	4249	100	4012	CIRC	TOL=4012
18	24	18	37	990 FWL	330 FNL	30025054770000	OXY	NHGSU	111	OIL	08/29/1935	4105		4105	10 3/4	15	214	240	SURF	CALC	
														OH	7	8 3/4	3998	500	1071	CALC	
19	24	18	37	330 FEL	2310 FNL	30025054780000	OXY	NHGSU	422	OIL	09/09/1930	4225		4225	12 1/2	16	277	200			
														OH	9 5/8	11 3/4	2806	600	675	CALC	
															7	8 3/4	4085	325	2183	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
20	24	18	37	330 FEL	330 FNL	30025054790000	OXY	NHGSU	412	10&1G	08/18/1932	4217		4217	13 3/8	17 1/2	230	200		OCD	
														OH	9 5/8	12 1/4	2795	250	2093	CALC	
															7	8 3/4	3975	250	2512	CALC	
21	24	18	37	1280 FEL	2480 FSL	30025290730000	OXY	NHGSU	432	OIL	04/26/1985	4370		4133	13 3/8	17 1/2	40	N/A			
															9 5/8	12 1/4	1534	425	SURF	CIRC	
															7	8 3/4	4368	550	SURF	CIRC	
22	24	18	37	1980 FEL	660 FNL	30025054810000	OXY	NHGSU	311	WIW	08/16/1935	4290		4230	13	17 1/2	281	225	16	CALC	
															9 5/8	12 1/4	1588	400	464	CALC	
															6 1/4	7 7/8	3977	320	1728	CALC	
															4 1/2	6 1/4	4288	150	3002	CALC	
23	24	18	37	2310 FWL	330 FSL	30025054820000	OXY	NHGSU	241	OIL	06/26/1934	4188		4188	12 1/2	16	215	150		OCD	
														OH	9 5/8	11 3/4	2840	200	2130	CALC	
															7	8 3/4	3930	150	3052	CALC	
24	24	18	37	2310 FWL	1980 FSL	30025054830000	OXY	NHGSU	231	OIL	06/26/1934	4171		4171	12 1/2	16	212	150		OCD	
														OH	9 5/8	12 1/4	2823	200	2261	CALC	
															7	8 3/4	3983	150	3105	CALC	
25	24	18	37	1308 FWL	2310 FSL	30025054840000	OXY	NHGSU	131	OIL	04/16/1935	4200		4200	12 1/2	17 1/2	219	150	SURF	CIRC	
															7	8 5/8	4002	500	2692	CBL	
															5	6 1/4	4200	40	3942	CALC	TOL=3942
26	24	18	37	1315 FWL	1315 FSL	30025054850000	OXY	NHGSU	141	OIL	10/24/1935	4270		4218	12 1/2	16	211	175	SURF	CIRC	
														OH	7	8 3/4	4035	800	2604	CBL	
															5	6 1/4	4218	36	3962	CALC	TOL=3962
27	24	18	37	330 FEL	330 FSL	30025054860000	OXY	NHGSU	441	OIL	07/03/1930	4214		4214	20	22	105	125	SURF	CIRC	
														OH	12	15 1/2	1521	300	SURF	CIRC	
															9	11 3/4	2815	700	836	CALC	
															7	8 1/4	3880	200	2187	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
28	24	18	37	330 FEL	2310 FSL	30025054870000	OXY	NHGSU	431	OIL	11/14/1930	4218		4218	12 1/2	16	221	180	SURF	CIRC	
														OH	9	11 3/4	2782	510	1340	CALC	
															7	8 3/4	3951	250	SURF	CIRC	
29	24	18	37	1325 FEL	1320 FSL	30025054880000	OXY	NHGSU	331	OIL	06/16/1932	4210		4227	12 1/2	16	215	200	SURF	CIRC	
														OH	9	11	2810	400	1197	CALC	
															7	8 3/4	3878	300	SURF	CBL	
30	24	18	37	2316 FWL	2304 FNL	30025098760002	OXY	NHGSU	221	WIW	01/25/2000	4260			13 3/8	16	408	400	SURF	CALC	
															8 5/8	12 1/4	3903	500	2837	CALC	
															5 1/2	7 3/8	6106	385	3533	CALC	
31	24	18	37	2310 FEL	2310 FNL	30025054800000	OXY	NHGSU	321	OIL	08/30/1934	4219		4219	13 3/8	16	241	350		OCD	
														OH	9 5/8	12 1/4	2815	315	1930	CALC	
															7	8 3/4	3930	250	2467	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	25	18	37	330 FEL	2310 FNL	30025055040000	OXY	NHGSU	421	OIL	09/24/1930	4210		4210	12 1/2	16	220	175		OCD	
														OH	9	12 1/4	2763	600	1361	CALC	
															7	8 3/4	3932	200	2761	CALC	
2	25	18	37	1300FEL	1550 FNL	30025269330000	OXY	NHGSU	422	WIW	12/04/1981	4510			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/2	1600	850	SURF	CIRC	
															5 1/2	7 7/8	4510	1000	SURF	CBL	
3	25	18	37	990 FWL	1650 FNL	30025055020000	OXY	NHGSU	121	WIW	01/09/1958	4261		4236	8 5/8	12 1/4	287	250	SURF	CIRC	
															5 1/2	7 7/8	4260	250	2950	CBL	
4	25	18	37	2310 FWL	990 FSL	30025055010000	OXY	NHGSU	241	OIL	07/29/1958	4240		4238	8 5/8	11	350	225	SURF	OCD	
															5 1/2	7 7/8	4240	1500	1375	TS	
5	25	18	37	1650 FEL	1980 FSL	30025055000000	OXY	NHGSU	331	OIL	02/18/1958	4110		4098	8 5/8	11	365	200	SURF	OCD	
															5 1/2	7 7/8	4110	1500	SURF	CIRC	
6	25	18	37	330 FEL	990 FSL	30025054990000	OXY	NHGSU	441	OIL	04/04/1955	4188		4137	8 5/8	11	344	225	SURF	OCD	
															5 1/2	6 3/4	4187	1450	SURF	CALC	
7	25	18	37	2310 FWL	2310 FSL	30025054980000	OXY	NHGSU	231	WIW	03/01/1955	4253		4212	8 5/8	11	1800	1000	SURF	OCD	
															5 1/2	6 3/4	4252	1250	SURF	CALC	
8	25	18	37	1650 FEL	660 FSL	30025054970000	OXY	NHGSU	341	WIW	12/05/1953	4220		4210	8 5/8	11	1639	900	SURF	1100	
															5 1/2	7 7/8	4220	1100	440	CBL	
9	25	18	37	330 FEL	2200 FSL	30025054950000	PLUGGED	NM STATE A	4	D&A	08/22/1948	4270	08/22/1948		8 5/8	11	252	150	SURF	OCD	SCHEMATIC
															5 1/2	7 7/8	3189	1325	SURF	CIRC	
10	25	18	37	1980 FEL	1980 FNL	30025055050000	OXY	NHGSU	321	OIL	12/10/1930	4240		4240	12 1/2	16	224	200	SURF	OCD	
														OH	9	12 1/4	2750	600	1348	CALC	
															7	8 3/4	3935	200	2764	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
11	25	18	37	2310 FWL	330 FNL	30025054890000	PLUGGED	STATE B-25	1	P&A	09/29/1933	4225	10/07/1997	4225	15 1/2		214	225	SURF	OCD	SCHEMATIC
															9 5/8		2767	600	SURF	CIRC	
															7		4026	325	SURF	CIRC	
12	25	18	37	330 FEL	330 FNL	30025055030000	OXY	NHGSU	411	OIL	08/15/1930	4259		4206	12 1/2	16	220	200	SURF	CIRC	
															8 1/4	9 7/8	2750	600	SURF	CALC	
															6 1/4	7 7/8	3969	200	2926	CBL	
															4 1/2	6	4257	50	3869	CALC	TOL=3869
13	25	18	37	2310 FWL	1980 FNL	30025054960000	OXY	NHGSU	221	OIL	10/14/1935	4343		4166	12 1/2	16	210	175	SURF	OCD	
															7	8 3/4	4037	500	1110	CALC	
14	25	18	37	1980 FEL	1980 FSL	30025054940000	PLUGGED	STATE A	3	P&A	11/29/1930	4220	03/18/1947	4220	12 1/2	18	207	250	SURF	OXY	SCHEMATIC
															9 5/8	12	2823	650	SURF	CIRC	
															7	8 1/4	4116	350	SURF	CIRC	
15	25	18	37	330 FEL	330 FSL	30025054930000	RICE	HOBBS	25-P	SWD	11/26/1930	4230	01/22/1937	4230	12 1/2	16	208	250	SURF	OCD	
							Engineering	Salt Wtr Dis					Reentered 1947		9 5/8	11 3/4	2750	650	441	CALC	
															7	8 3/4	4110	350	SURF	CIRC	
															5	6 1/4	4753	1200	SURF	CALC	
16	25	18	37	330 FEL	2310 FSL	30025054920000	OXY	NHGSU	431	OIL	10/22/1930	4215		OH	12 1/2	16	245	250	SURF	OCD	
															9 5/8	11 3/4	2750	650	SURF	CIRC	
															7	8 3/4	4045	300	SURF	CIRC	
17	25	18	37	660 FWL	660 FNL	30025054910000	OXY	NHGSU	111	OIL	04/17/1957	4200		4094	8 5/8	12 1/4	302	250	SURF	OCD	
															5 1/2	7 7/8	4199	1500	1250	TS	
18	25	18	37	2310 FEL	330 FNL	30025055060000	OXY	NHGSU	311	OIL	03/14/1933	4232		4232	12 1/4	15	204	200	SURF	OCD	
														OH	9 5/8	11 3/4	2758	600	SURF	CIRC	
															7	8 3/4	3934	200	2763	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Current Status	Comp Date	TD	Abnd Date	Lower Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
2	26	18	37	330 FEL	330 FNL	30025055090000	OXY	NHGSU	411	OIL	10/01/1956	4256		4241	8 5/8	11	393	200	SURF	CIRC	
															5 1/2	7 7/8	4256	400	2796	CBL	
3	26	18	37	1650 FEL	330 FNL	30025055070000	PLUGGED	GULF-STATE	1	P&A	12/07/1956	4268	06/18/1965	4256	8 5/8		337	200	SURF	OCD	SCHEMATIC
															4 1/2		4263	250			
4	26	18	37	1900 FEL	330 FNL	30025251160000	OXY	NHGSU	311	OIL	10/24/1975	4329		4228	8 5/8	12 1/4	353	225	SURF	CIRC	
															4 1/2	7 7/8	4329	425	2687	CALC	
5	26	18	37	990 FWL	335 FNL	3002505508	PLUGGED	PAN AM STATE	1	P&A	17301	4358	1947		8 5/8		300	150		OCD	SCHEMATIC
															5 1/2		4256	450			

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	28	18	38	330 FWL	2310 FSL	30025124970000	OXY	NHGSU	131	OIL	09/29/1930	4190		4190	12 1/2	16	238	200	SURF	CIRC	
															9 5/8	12	2751	600	SURF	CIRC	
															7	8 3/4	3973	225	3086	CBL	
															5 1/2	7 7/8	4233	100	3932	CBL	TOL=3932
2	28	18	38	330 FWEL	330 FSL	30025124960000	OXY	NHGSU	141	OIL-WO	09/28/1930	4232		4225	12 1/2	16	236	225	SURF	CIRC	
															9 5/8	12	2750	475	SURF	CIRC	
															7	8 3/4	3960	350	1911	CALC	
															5	6 1/2	4228	65	3620	CALC	
															4	4 3/4	4233	100	3932	CALC	TOL=3932
3	28	18	38	1650 FWL	1910 FNL	30025074290000	OXY	NHGSU	221	OIL	02/20/1959	4318		4153	10 3/4	15	581	600	SURF	CIRC	
														PERF & OH	7	8 3/4	4242	682	SURF	CBL	
4	28	18	38	750 FWL	1880 FSL	30025232770000	OXY	NHGSU	132	OIL	10/01/1969	7150		6623	13 3/8	17 1/2	352	200	SURF	CIRC	
															9 5/8	12	3816	1400	SURF	CALC	
															7	8 3/4	7143	335	3611	CALC	TOL=3611
5	28	18	38	731 FWL	731 FSL	30025232460000	OXY	NHGSU	142	OIL	10/05/1969	7102		6956	13 3/8	17 1/2	372	350	SURF	CIRC	
															9 5/8	12 1/4	3787	1400	SURF	CIRC	
															7	8 3/4	7102	720	2887	CALC	
6	28	18	38	2310 FEL	330 FSL	30025124890000	OXY	NHGSU	341	OIL	07/27/1934	4217		4217	13 3/8	17 1/2	222	180	SURF	CIRC	
															9 5/8	12 1/4	1637	300	794	CALC	
															7	8 3/4	3975	400	2912	CBL	
															5	6 1/4	4276	100	4009	CBL	TOL=3928
7	28	18	38	2310 FWL	330 FNL	30025124980000	OXY	NHGSU	241	OIL	09/08/1934	4230		4230	12 1/2	16	256	150	SURF	OCD	
															9 5/8	11 1/2	2770	150	2159	CALC	
															7	8 3/4	3935	250	2472	CALC	
															5 1/2	6 1/4	4229	100	2398	CALC	
8	28	18	38	1650 FWL	2310 FNL	30025074270000	PLUGGED	GRIMES	2	P&A	11/28/1932	4223	05/18/1959	4223	15 1/2	18	238	200	SURF	OCD	SCHEMATIC
															10 3/4	12 1/4	2710	700	SURF	CIRC	
															6 5/8		3974	250			

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
9	28	18	38	1823 FWL	1166 FSL	30025292760000	OXY	NHGSU	242	OIL	09/02/1985	4475		4200	13 3/8	17 1/2	40	40	SURF	OCD	
															9 5/8	12 1/4	1509	650	SURF	CIRC	
															7	8 3/4	4470	1005	SURF	CIRC	
10	28	18	38	330 FWL	2310 FNL	30025074200000	OXY	NHGSU	121	OIL	09/21/1930	4191		4191	12 1/2	16	228	245	SURF	CIRC	
															9 5/8	11 3/4	2750	700	SURF	CIRC	
															7	8 3/4	3942	300	3065	CBL	
															4 1/2	6 1/4	4250	65	3893	CBL	TOL=3893
11	28	18	38	1790 FWL	750 FSL	30025233040000	OXY	NHGSU	243	OIL	10/19/1969	6350		5890	13 3/8	17 1/2	348	250	SURF	OCD	
															9 5/8	12 1/4	3805	1400	SURF	CALC	
															7	8 3/4	6350	497	3602	CIRC	TOL=3602
12	28	18	38	330 FWL	990 FNL	30025074220000	OXY	NHGSU	111	OIL	07/27/1934	4234		4210	15 1/2	18	296	200	SURF	CIRC	
															13	14 3/4	296	200			
															10 3/4	11 1/2	2731	150	2304	CALC	
															7	8 3/4	3996	250	2244	CALC	
															4 1/2	6 1/4	4234	50	3913	CALC	TOL=3913
13	28	18	38	2310 FEL	2310 FNL	30025074160000	OXY	NHGSU	321	OIL	02/13/1935	4200		4200	12 1/2	16	264	150	SURF	CIRC	
														OH	7	8 3/4	4000	500	1073	CALC	
14	28	18	38	2310 FWL	990 FNL	30025074250000	OXY	NHGSU	211	WIW	09/28/1935	4220		4220	15 1/2	18	243	300	SURF	CIRC	
														OH	10 3/4	15	2733	200	2438	CALC	
															7	8 3/4	4036	720	2715	TS	
15	28	18	38	1325 FWL	1325 FSL	30025074210000	OXY	NHGSU	231	OIL	11/14/1933	4231		4200	15 1/2	18	246	150	SURF	CALC	
															9 5/8	12 1/4	2750	150	2329	CALC	
															7	8 3/4	3955	250	3027	CBL	
															5 1/2	6 1/4	4230	100	3918	CALC	TOL=3918
16	28	18	38	1120 FEL	1315 FNL	30025074190000	OXY	NHGSU	411	OIL	04/28/1936	4225		4225	12 1/2	16	227	160	SURF	CIRC	
														OH	7	8 3/4	4133	750	2550	CBL	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
17	28	18	38	1120 FEL	2310 FNL	30025074180000	OXY	NHGSU	421	OIL	05/30/1935	4216		4216	12 1/2	16	235	150	SURF	CIRC	
														OH	7	8 3/4	4020	200	2677	CBL	
18	28	18	38	1350 FWL	2300 FSL	30025288820000	OXY	NHGSU	232	WIW	11/27/1984	4370			13 3/8	17 1/2	40	40	SURF	OCD	
															8 5/8	12 1/4	1520	720	SURF	CIRC	
															5 1/2	7 7/8	4370	1000	SURF	CIRC	
19	28	18	38	211 FWL	1579 FNL	30025289640000	OXY	NHGSU	122	OIL	12/31/1984	4370		4191	13 3/8	17 1/2	40	NA	SURF	CIRC	
															8 5/8	12 1/4	1525	675	SURF	CIRC	
															5 1/2	7 7/8	4384	740	300	CBL	
20	28	18	38	2310 FEL	1650 FSL	30025074120000	OXY	NHGSU	331	OIL	05/13/1935	4225		4225	10 3/4	13 1/2	245	150	SURF	CIRC	
														OH	7 5/8	9 5/8	1635	300	232	CALC	
															5 1/2	6 1/4	4015	300	2662	CBL	
21	28	18	38	2310 FEL	1315 FNL	30025074170000	OXY	NHGSU	311	OIL	07/07/1935	4217		4217	12 1/2	16	235	150	SURF	CIRC	
														OH	7	8 3/4	4103	500	2820	CBL	
22	28	18	38	1764 FEL	202 FNL	30025299310000	OXY	NHGSU	342	OIL	07/23/1987	4570		4468	9 5/8	12 1/4	1655	675	SURF	OCD	
															7	8 3/4	4569	1050	SURF	CIRC	
23	28	18	38	1800 FEL	2740 FNL	3002531655000	OXY	NHGSA	332	WIW		4455			13 3/8	17 1/2	40		SURF		
															8 5/8	12 1/4	1611	850	SURF	CIRC	
															5 1/2	7 7/8	4450	850	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	sxs/cmt	TOC	Source	Comments
1	29	18	38	1650 FWL	2130 FNL	30025235850000	MARCUM	HOBBS-STATE	1	OIL	10/14/1970	7050		6680	12 3/4	17 1/2	356	200	SURF	OCD	
															8 5/8	11	3795	300	2757	CALC	
															5 1/2	7 7/8	7050	700	3869	CBL	
2	29	18	38	557 FEL	1879 FSL	30025234000000	BURLESON	GRIMES WD	6	OIL	02/01/1970	7050		6954	13 3/8	17 1/2	377	400	SURF	CIRC	
															9 5/8	12 1/4	3847	2300	SURF	CIRC	
															7	8 3/4	7049	540	2200	TS	
3	29	18	38	330 FWL	990 FNL	30025239190000	OXY	NHGSU	111	OIL	12/01/1971	4331		4250	8 5/8	11	310	150	SURF	CIRC	
														OH	5 1/2	7 7/8	3905	300	2381	CALC	
4	29	18	38	1830 FEL	1980 FNL	30025236200000	MARCUM	HOBBS STATE	2	OIL	01/05/1971	7075		6705	9 5/8	12 3/4	358	200	SURF	CIRC	
															7	8 3/4	3850	250	2387	CALC	
															4 1/2	6 1/8	7075	425	3103	CALC	
5	29	18	38	660 FWL	1980 FNL	30025231760000	PLUGGED	BOWERS FED A	31	P&A	07/19/1969	7050	08/03/1990	6991	11 3/4		372	300		DWI	SCHEMATIC
															8 5/8	11	3836	500			
															5 1/2	7 7/8	7038	650			
6	29	18	38	1850 FWL	660 FSL	30025229340000	TEXLAND	STATE A29	7	OIL	02/12/1969	6050		5823	11 3/4	15	360	250	SURF	OPER C-108	
															8 5/8	11	3800	240	2515	OPER C-108 (TS)	
															5 1/2	7 7/8	6050	405	3300	OPER C-108 (TS)	
7	29	18	38	2067 FEL	753 FSL	30025353840000	OXY	NHGSU	634	OIL	5/9/201	4316		4218	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1503	850	SURF	CIRC	
															5 1/2	7 7/8	4316	780	SURF	CIRC	
9	29	18	38	990 FWL	2150 FSL	30025231310000	TEXLAND	BOWERS FED A	29	OIL	06/01/1969	6000		5837	11 3/4	15	370	300	SURF	OPER C-108	
															8 5/8	11	3849	300	1800	OPER C-108 (TS)	
															4 1/2	7 7/8	6000	450	3700	OPER C-108 (TS)	
10	29	18	38	2500 FEL	2540 FNL	30025289410000	OXY	NHGSU	323	OIL	03/23/1985	4370		3995	13 3/8	17 1/2	40	NA	SURF	CIRC	
															8 5/8	12 1/4	1542	375	CIRC		
															5 1/2	7 7/8	4370	450	575	CBL	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	sxs/cmt	TOC	Source	Comments
11	29	18	38	1980 FWL	2280 FNL	30025236620000	PLUGGED	HOBBS-STATE	5	P&A	03/15/1971	5986	05/11/1973		9 5/8	12 1/4	364	200	SURF	CIRC	SCHEMATIC
															7	8 3/4	3826	200	2250		
															4 1/2	6 1/4	5986	120	3800 C		
12	29	18	38	330 FWL	330 FSL	30025074480000	OXY	NHGSU	141	OIL	08/28/1930	4258		4202	9 5/8	12	2736	650	694	CALC	
															7	8 3/4	3960	300	2204	CALC	
															5 1/2	7 7/8	3941	250	3460	CBL	
															4 1/2	6 1/4	4238	50	3774	CBL	TOL=3417
13	29	18	38	990 FWL	2310 FSL	30025074470000	OXY	NHGSU	131	OIL	10/22/1930	4220		4220	12 1/2	18	225	250	SURF	CIRC	
															9 5/8	12	2750	650	708	CALC	
															7	8 3/4	3976	300	1504	CBL	
															5	6 1/8	4220	50	3930	CBL	TOL=3870
14	29	18	38	990 FWL	2310 FNL	30025074460000	PLUGGED	BOWERS-FED A	9	P&A	09/23/1930	4220	12/03/1970	4220	9 5/8	12	2736	650	SURF	CIRC	SCHEMATIC
															7	8 3/4	3970	300	2000		
15	29	18	38	2310 FEL	330 FSL	30025074450000	OXY	NHGSU	341	OIL	10/28/1930	4170		4170	13 3/8	15	210	150	SURF	CIRC	
															9 5/8	12	2750	700	SURF	CIRC	
															7	8 3/4	3934	300	3430	CBL	
															5	6 1/4	4162	350	SURF	CIRC	
16	29	18	38	1213 FEL	2374 FSL	30025353760000	OXY	NHGSU	643	OIL	04/26/2001	4410		4274	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1513	850	SURF	CIRC	
															5 1/2	7 7/8	4411	900	SURF	CIRC	
17	29	18	38	660 FEL	990 FNL	30025074550000	PLUGGED	WD GRIMES	2	D&A	03/21/1948	4045	03/23/1948		8 5/8	11	242	150	SURF	CIRC	SCHEMATIC
															5 1/2	7 11/40	3205	450			
18	29	18	38	600 FWL	800 FNL	30025232220000	PLUGGED	BOWERS FED A	33	D&A	12/31/1969	6000	10/03/1972		13 3/8	17	416	400	SURF	CIRC	SCHEMATIC
															9 5/8	12 1/4	5988	350	5005	CALC	
															7	8 3/4		550			

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	sxs/cmt	TOC	Source	Comments
19	29	18	38	660 FEL	330 FSL	30025232520000	TEXLAND	STATE 1	6	OIL	10/01/1969	7015		5939	13 3/8	17 1/2	378	400	CIRC	OPER C-108	
															9 5/8	12 1/4	3800	600	2000	OPER C-108 (CALC)	
															7	8 3/8	6501	700	3549	OPER C-108	TOL=3549
															5 1/2	6 1/4	7013	700	3549	OPER C-108	TOL=3549
20	29	18	38	1745 FWL	1880 FNL	30025128020000	RICE OPER	HOBBS SWD 'F'		SWD	04/09/1960				9 5/8	12 1/4	400	300	SURF	CALC	
															7	8 3/4	4700	700	602	CALC	
21	29	18	38	2218 FEL	330 FSL	30025231730000	TEXLAND	STATE 1	5	OIL	07/18/1969	7025		6930	11 3/4	17 1/2	364	70	CIRC	OPER C-108	
															8 5/8	11	3808	300	2600	OPER C-108	
															6 5/8	7 7/8	6020	530	3578	OPER C-108	TOL=3578
															2 7/8	5 1/2	7022	530	3578	OPER C-108	TOL=3578
22	29	18	38	990 FEL	990 FSL	30025074420000	PLUGGED	STATE 1-29	1	P&A	08/21/1930	4191	11/25/1989	4191	13 3/8	17 1/2	217	200	SURF	CIRC	SCHEMATIC
															9	12 1/4	2735	500	1473**		
															6 5/8	7 7/8	3907	174	2374**		
23	29	18	38	2500 FEL	1230 FSL	30025288840000	OXY	NHGSU	342	WIW	12/22/1984	4375			13 3/8	17 1/2	40	NA	N/A	N/A	
															8 5/8	12 1/4	1520	620	SURF	CIRC	
															5 1/2	7 7/8	4375	875	SURF	CIRC	
24	29	18	38	2350 FEL	1430 FNL	30025288830000	OXY	NHGSU	322	OIL	12/13/1984	4384		4163	13 3/8	17 1/2	40	NA	SURF	CIRC	
															8 5/8	12 1/4	1520	620	SURF	CIRC	
															5 1/2	7 7/8	4384	850	SURF	CIRC	
25	29	18	38	1400 FWL	100 FSL	30025284130000	OXY	NHGSU	242	OIL	10/24/1984	4370		4257	16	20	30	NA	SURF	CIRC	
															8 5/8	12 1/4	1511	750	SURF	CIRC	
															5 1/2	7 7/8	4368	750	2330	CBL	
26	29	18	38	1850 FWL	1370 FNL	30025269340000	OXY	NHGSU	222	WIW	05/28/1981	4510			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1605	950	SURF	CIRC	
															5 1/2	7 7/8	4510	1050	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	sxs/cmt	TOC	Source	Comments
27	29	18	38	1050 FEL	925 FSL	30025346440000	OXY	NHGSU	544	OIL	09/17/1999	4400		4256	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1565	725	SURF	CIRC	
															5 1/2	7 7/8	4400	775	SURF	CIRC	
28	29	18	38	1800 FWL	2150 FSL	30025230480000	TEXLAND	STATE A29	8	OIL	04/21/1969	5960		5796	11 3/4	15	360	250	SURF	OPER C-108	
															8 5/8	11	3800	240	2550	OPER C-108 (TS)	
															5 1/2	7 7/8	5960	405	2900	OPER C-108 (TS)	
29	29	18	38	2482 FWL	1837 FSL	30025348690000	OXY	NHGSU	623	OIL	05/30/2000	4405		4258	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1560	750	SURF	CIRC	
															5 1/2	7 7/8	4405	985	SURF	CIRC	
30	29	18	38	1948 FWL	1150 FSL	30025348700000	OXY	NHGSU	624	OIL	04/08/2000	4410		4284	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1553	725	CIRC	OCD	
															5 1/2	7 7/8	4410	1000	SURF	CIRC	
31	29	18	38	180 FWL	1600 FNL	30025289530000	OXY	NHGSU	122	OIL	02/14/1985	4370		4136	13 3/8	17 1/2	40	NA	SURF	CIRC	
															8 5/8	11	1510	500	SURF	CIRC	
															5 1/2	7 7/8	4370	350	SURF	CIRC	
32	29	18	38	990 FEL	1650 FNL	30025074600000	PLUGGED	GRIMES	5	P&A	01/12/1931	4200	01/30/1981	4200	12 1/2	17 1/2	214	250	SURF	CIRC	SCHEMATIC
															9 5/8	12 1/4	2715	600	277**		
															7	8 3/4	3911	400	595**		
33	29	18	38	1218 FWL	1623 FSL	30025269170000	OXY	NHGSU	132	OIL	03/09/1981	4510		4318	16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1595	785	SURF	CIRC	
															5 1/2	7 7/8	4510	900	90	CBL	
34	29	18	38	1650 FEL	990 FSDL	30025074430000	PLUGGED	STATE 1-29	2	P&A	09/24/1930	4171	11/30/1989	4171	13	17 1/2	1900	150	SURF	CIRC	SCHEMATIC
															9 5/8	12 1/4	2810	725	SURF	CIRC	
															7	8 3/4	3951	300	1973**		

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	sxs/cmt	TOC	Source	Comments
35	29	18	38	1830 FEL	990 FNL	30025236210000	HRC INC	HOBBS STATE	3	TA	03/15/1971	6083			9 5/8	12 1/2	370	200	SURF	OCD	
															7	8 3/4	200	3850	2300	TS	
															4 1/2	6 1/4	6083	200	4368	CALC	
36	29	18	38	469 FWL	1450 FSL	30025348710000	OXY	NHGSU	813	OIL	06/29/2000	4400		4288	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1542	700	SURF	CIRC	
															5 1/2	7 7/8	4400	1000	SURF	CIRC	
37	29	18	38	1650 FEL	2310 FNL	30025074310000	OXY	NHGSU	321	OIL	09/25/1930	4309		4207	12 1/2	16	211	250	SURF	CIRC	
															9 5/8	11 3/4	2756	250	1868	CALC	
															7	8 3/4	3995	300	2930	CBL	
															5	6 1/4	4308	100	3894	CBL	TOL=3812
38	29	18	38	1650 FWL	2310 FSL	30025074380000	OXY	NHGSU	231	OIL	10/13/1930	4208		4208	15 1/2	18	252	1000	SURF	CIRC	
															9 5/8	12 1/4	2729	600	SURF	CIRC	
															7	8 3/4	3953	300	2197	CALC	
															5	6 1/4	4220	50	3907	CALC	TOL=3907
39	29	18	38	2310 FWL	330 FSL	30025074370000	OXY	NHGSU	241	OIL	10/11/1930	4299		4184	12 1/2	18	217	160	SURF	CIRC	
															9 5/8	12	2730	500	1159	CALC	
															7	8 3/4	3929	300	1850	CBL	
															5 1/2	6 1/4	4299	60	3822	CALC	TOL=3822
						30025074360000	OXY	NHGSU	331	OIL	09/29/1930	4340		4178	12 1/2	16	234	170	SURF	CALC	
40	29	18	38	1650 FEL	1650 FSL										9 5/8	11 3/4	2742	500	966	CALC	
															7	8 3/4	3929	300	2173	CALC	
															4 1/2	6 1/4	4270	750	3788	CBL	
41	29	18	38	2310 FWL	330 FNL	30025074330000	OXY	NHGSU	211	OIL	11/07/1930	4214		4214	12 1/2	18	243	250	SURF	CIRC	
															9 5/8	12	2796	400	SURF	CIRC	
															7	8 3/4	4007	500	3014	CBL	
															5 1/2	6 1/4	4228	50	4145	CBL	TOL=3957

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	sxs/cmt	TOC	Source	Comments
42	29	18	38	220 FEL	1230 FSDL	30025288850000	OXY	NHGSU	442	OIL	07/21/1985	4370		4093	13 3/8	17 1/2	40	REDIMIX	SURF	CIRC	
															9 5/8	12 1/4	1536	575	SURF	CIRC	
															7	7 7/8	4370	1100	SURF	CIRC	
43	29	18	38	1650 FEL	990 FNL	30025074320000	OXY	NHGSU	311	OIL	10/30/1930	4191		4191	12 1/2	16	241	250	SURF	CALC	
															9 5/8	11 3/4	2776	400	1355	CALC	
															7	8 3/4	4008	500	1081	CALC	
															5 1/2	6 1/4	4234	350	3921	CALC	TOL=3921
44	29	18	38	330 FEL	330 FSL	30025074440000	OXY	NHGSU	441	OIL	10/29/1930	4175		4175	13 3/8	18	232	150	SURF	CIRC	
															9 5/8	12	2743	1400	SURF	CIRC	
															7	8 3/4	3950	300	3240	CBL	
															5	6 1/2	4172	22	3966	CALC	
45	29	18	38	1650 FWL	2310 FNL	30025074300000	OXY	NHGSU	221	OIL	09/14/1930	4214		4214	12 1/2	18	210	200	SURF	CIRC	
															9 5/8	12	2704	400	1447	CALC	
															7	8 3/4	3979	500	1052	CALC	
															4 1/2	6 1/8	4213	50	3910	CALC	TOL=3910
46	29	18	38	330 FEL	2310 FNL	30025074590000	PLUGGED	NHGSU	421	OIL	11/28/1930	4194	09/22/2000	4194	12 1/2	16	220	200	SURF	CIRC	SCHEMATIC
															9 5/8	11 3/4	2720	600	518**		
															7	8 3/4	3880	300	2914	CBL	
															5 1/2	6 1/4	4236	50	3866		TOL=3796
47	29	18	38	330 FEL	2310 FSL	30025074580000	OXY	NHGSU	431	OIL	10/13/1930	4190		4190	15 1/2	18	228	200	SURF	CIRC	
															9 5/8	12 1/4	2720	600	1034	CALC	
															7	8 3/4	3900	400	1558	CALC	
															5 1/2	6 1/4	4229	120	3209	CALC	TOL=3209
48	29	18	38	990 FEL	2310 FNL	30025074570000	PLUGGED	WD GRIMES	2	OIL	09/15/1930	4176	01/19/1982	4176	15 1/2	17 1/2	218	200	SURF	CIRC	SCHEMATIC
															9 5/8	12 1/4	2754	600	336**		
															7	8 3/4	3880	300	1867**		
															5 1/2		4176	100		TOL=3350	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	sxs/cmt	TOC	Source	Comments
49	29	18	38	990 FEL	1650 FSL	30025074560000	PLUGGED	WD GRIMES	1	OIL	07/16/1930	4060	07/25/1968	4160	12 1/2	17 1/2	236	200	SURF	CIRC	SCHEMATIC
															9 5/8	12 1/4	2712	600	273**		
															7	8 3/4	3818	300	2404**		
50	29	18	38	990 FEL	990 FNL	30025074540000	OXY	NHGSU	411	OIL	10/14/1930	4335		4223	12 1/2	16	245	250	SURF	CIRC	
															9 5/8	11 3/4	2750	650	441	CALC	
															7	8 3/4	4045	300	2289	CALC	
															5 1/2	6 1/4	4217	30	3941	CALC	TOL=3941
51	29	18	38	330 FWL	330 FNL	30025074520000	PLUGGED	BOWERS_FED B	1	OIL	11/11/1932	4221	12/21/1971	4221	15 1/2	18	235	225	SURF	CIRC	SCHEMATIC
															9 5/8	12	2716	650	SURF	CIRC	
															7	8 3/4	3987	300	2027**		
52	29	18	38	990 FWL	660 FSL	30025230220000	TEXLAND	BOWERS FED A	28	OIL	04/15/1969	6000		5858	11 3/4	15	374	300	SURF	OPER C-108	
															8 5/8	11	3850	500	2500	OPER C-108 (TS)	
															5 1/2	7 7/8	6000	250	2955	OPER C-108 (CBL)	
53	29	18	38	330 FWL	2310 FNL	3002507449	OXY	NHGSU	121	OIL	03/13/1947	4275		4189	12 1/2		231	250	SURF		
															9 5/8		2739	650	890		
															7		3104	100	2640	CBL	
															4 1/2	6 1/4	4201	100	2900	CALC	TOL=2900
54	29	18	38	2053 FEL	2263 FSL	3002535541	OXY	NHGSU	533	OIL	06/12/2001	4420		4303	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1576	850	SURF	CIRC	
															5 1/2	7 7/8	4420	500	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	30	18	38	2158FWL	927FNL	30025353320000	OXY	NHGSU	621	OIL	02/25/2001	4380			14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1505	850	SURF	CIRC	
															5 1/2	7 7/8	4380	1100	SURF	CIRC	
2	30	18	38	990FWL	990FSL	30025074870000	OXY	NHGSU	141	OIL	10/06/1955	4273		4012	10 3/4	13 3/4	368	200	SURF	OCD	
															5 1/2	8 3/4	4273	3000	SURF	CIRC	
3	30	18	38	330FWL	330FSL	30025074820000	PLUGGED	STATE	4	P&A	11/28/1930	4215	01/25/1957	4215	16	18	260	225	CIRC		SCHEMATIC
															9 5/8	12	2750	500	589		
															7	8 3/4	3946	350	1307		
4	30	18	38	330FWL	2310 FSL	30025074810000	OXY	NHGSU	131	OIL	10/14/1930	4208		4208	12 1/2	16	243	225	SURF	CIRC	
															9 5/8	11 3/4	2751	550	797	CALC	
															7	8 3/4	3900	350	1851	CALC	
															5	6 1/4	4207	50	3770	CBL	
5	30	18	38	2310FWL	440FSL	30025074800000	OXY	NHGSU	241	OIL	09/27/1930	4206		4296	12 1/2	18	350	275	SURF	OCD	
															9 5/8	12	2750	550	SURF	CIRC	
															7	8 3/4	3900	1500	SURF	CIRC	
															5	6 1/4	4167	60	3479	CALC	
6	30	18	38	650FEL	990FSL	30025246650000	OXY	NHGSU	341	OIL	03/11/1974	4352		4077	9 5/8	12 1/4	1463	500	SURF	CIRC	
															5 1/2	7 7/8	3956	625	1910	CBL	
															3 1/2	4 3/4	4350	125	3715	CALC	TOL=3715
7	30	18	38	990FWL	2310FNL	30025074740000	OXY	NHGSU	431	OIL	09/02/1930	4215		4215	12 1/2	16	226	200	SURF	CIRC	
														OH	9 5/8	11 3/4	2750	650	SURF	CIRC	
															7	8 3/4	3975	300	2219	CALC	
8	30	18	38	330FEL	330FSL	30025074730000	OXY	NHGSU	441	OIL	08/28/1930	4206		4206	15 1/2	18	88			OCD	
														OH	12 1/2	14 1/2	203	200	SURF	CALC	
															9 5/8	11 3/4	275	650	SURF	CALC	
															7	8 3/4	3970	300	2214	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
9	30	18	38	2310FEL	2335FSL	30025074720000	OXY	NHGSU	331	OIL	08/13/1930	4238		4208	12 1/2	15 1/2	242	225	SURF	CIRC	
															9 5/8	12 1/2	2750	650	SURF	CIRC	
															7	9 5/8	3960	300	SURF	CIRC	
															5 1/2	6 1/8	4238	30	3650	CBL	
10	30	18	38	660FEL	1980FSL	30025074710000	PLUGGED	BOWERS	1	P&A	02/06/1930	4106	11/15/1989	4106	12 1/2	17	205	180		BLM	SCHEMATIC
															9 5/8	11 1/2	2750	620			
															7	8 3/4	3962	528			
															4 1/2		6000	275			
11	30	18	38	330FEL	330FNL	30025074700000	OXY	NHGSU	411	OIL	12/24/1932	4223		4223	12 1/2	16	247	2500	SURF	CALC	
														OH	9 5/8	11 3/4	2756	600	625	CALC	
															6 5/8	8 3/4	4042	250	2807	CALC	
															4 1/2	6	4300	75	3883	CALC	TOL=3883
12	30	18	38	2310FEL	330FNL	30025074690000	OXY	NHGSU	311	OIL	08/21/1930	4220		4220	12 1/2	16	242	200	SURF	CIRC	
														OH	9 5/8	11 3/4	2755	600	624	CALC	
															7	8 3/4	3998	250	2535	CALC	
13	30	18	38	990FEL	2310FNL	30025074680000	OXY	NHGSU	421	OIL	07/16/1930	4202		4202	12 1/2	16	250	200	SURF	CIRC	
															9 5/8	11 3/4	2755	600	624	CALC	
															7	8 3/4	3860	250	SURF	CIRC	
															5	6 1/4	4202	450	SURF	CIRC	
14	30	18	38	2310FEL	2310FNL	30025074670000	OXY	NHGSU	321	OIL	07/10/1930	4200		4200	12 1/2	16	245	200	SURF	OCD	
															9 5/8	11 3/4	2758	600	SURF	CIRC	
															6 5/8	8 3/4	3854	250	SURF	CIRC	
															5	7	4200	60	3193	CBL	
15	30	18	38	330FWL	2310FNL	30025074640000	OXY	NHGSU	121	OIL	09/25/1930	4198		4198	12 1/2	16	212	200	SURF	CIRC	
															9 5/8	11 3/4	2749	400	1328	CALC	
															7	8 3/4	3994	425	2738	CBL	
															5	6 1/8	4312	40	3841	CBL	TOL=3841

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
16	30	18	38	2310FWL	2310FSL	30025074790000	OXY	NHGSU	231	OIL	07/21/1930	4205		4205	20	20	215	75	SURF	OCD	
														OH	9 5/8	12 1/4	2750	400	SURF	CIRC	
															7	8 3/4	3930	550	SURF	CIRC	
17	30	18	38	1395FWL	1470FNL	30025268330000	OXY	NHGSU	222	OIL	08/25/1980	4350		4329	16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1570	950	SURF	CIRC	
															5 1/2	7 7/8	4349	800	2608	CBL	
18	30	18	38	2310FEL	440FSL	30025125010000	PLUGGED	NHGSU	342	P&A	09/20/1930	4215	04/27/1999	4215	12 1/2	18	220	210	SURF	BLM	SCHEMATIC
															9 5/8	12 1/2	2750	650	SURF	CIRC	
															7	8 3/4	3974	300	1144	CBL	
19	30	18	38	2272FEL	405FNL	30025232700000	OXY	NHGSU	313	WIW	11/06/1969	6047		5871	13 3/8	17 1/2	382	400	SURF	CIRC	
															8 5/8	11	3849	1256	600	TS	
															5 1/2	7 7/8	6047	570	1500	TS	
20	30	18	38	430FEL	2310FNL	30025231510000	TEXACO	MCKINLEY HD	8	OIL	06/22/1969	6059		5757	13 3/8	17 1/2	383	340	SURF	CIRC	
															8 5/8	11	3842	1400	SURF	CIRC	
															5 1/2	7 7/8	6057	650	2000	TS	
21	30	18	38	660FEL	330FSL	30025231440000	PLUGGED	BOWERS/FED	A30	OIL	06/24/1969	6000	08\04\1990	5849	11 3/4	15	362	300	SURF		SCHEMATIC
															8 5/8	11	3836	500	2300	TS	
															4 1/2	7 5/8	5988	550	2800	TS	
22	30	18	38	2120FEL	1980FSL	30025232600000	PLUGGED	BOWERS/FED	A34	D&A	12/16/1969	7010	09/26/1972		13 3/8	17 1/2	401	600	SURF	BLM	SCHEMATIC
															9 5/8	11	3850	550	2400		
															3 1/2	8 3/4	7010	895	2600		
															3 1/2		6100				
23	30	18	38	1980FEL	330FSL	30025232350000	PLUGGED	BOWERS/FED	A32	D&A	12/28/1969	7075	09/14/1972		13 3/8	17 1/2	401	600	SURF	BLM	SCHEMATIC
															9 5/8	11	3850	550	2250		
															3 1/2	8 3/4	7053	675	2900		
															3 1/2	6140					

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
24	30	18	38	2310FEL	2235FNL	30025232210000	TEXACO	MCKINLEY HD	9	OIL	10/13/1969	7000		6929	13 3/8	17 1/2	378	400	SURF	OCD	
															9 5/8	12 1/4	3851	1748	SURF	CIRC	
															7	8 3/4	7000	650	2700	TS	
25	30	18	38	550FEL	760FNL	30025233840000	OXY	NHGSU	412	OIL	01/20/1970	7108		6780	13 3/8	17 1/2	329	400	SURF	OCD	
															9 5/8	12 1/2	3848	1200	75	TS	
															7	8 3/4	7106	865	3400	TS	
26	30	18	38	1823FEL	1196FNL	30025349830000	OXY	NHGSU	713	OIL	08/31/2000	4408		4299	14	18	40	50		OCD	
															8 5/8	12 1/4	1546	700	53	CALC	
															5 1/2	7 7/8	4403	1000	SURF	CALC	
28	30	18	38	660FEL	770FSL	30025264850000	TEXLAND	BOWERS/FED	A37	GAS	11/30/1979	3918		2740	8 5/8	12 1/4	501	400	SURF	CIRC	
															5 1/2	7 5/8	3910	850	SURF	CIRC	
29	30	18	38	2310FWL	2310FNL	30025074620000	OXY	NHGSU	221	OIL	07/07/1930	4279		4279	12 1/2	16	257	160	SURF	CALC	
															9 5/8	11 3/4	2750	550	796	CALC	
															7	8 1/4	3852	250	1500	CBL	
															4 1/2	6 1/4	4207	125	3799	CALC	TOL=3799
31	30	18	38	330FWL	330FNL	30025070770000	OXY	NHGSU	111	OIL	07/08/1930	4230		4230	12 1/2	16	232	250	SURF	OCD	
														OH	9 5/8	12 1/4	2755	450	1491	CALC	
															7	8 3/4	3851	200	2680	CALC	
32	30	18	38	1310FWL	200FNL	30025290630000	OXY	NHGSU	112	WIW	04/06/1985	4370		4117	13 3/8	17 1/2	40	N/A	N/A	N/A	
															9 5/8	12 1/4	1520	250	SURF	CIRC	
															7	8 3/4	4369	675	SURF	CIRC	
33	30	18	38	1290FEL	215FSL	30025289590000	OXY	NHGSU	444	OIL	04/04/1985	4370		4124	13 3/8	17 1/2	39	40	SURF	CALC	
															9 5/8	12 1/4	1519	500	SURF	CIRC	
															7	8 3/4	4369	2305	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
34	30	18	38	160FEL	1300FSL	30025289580000	OXY	NHGSU	443	WIW	01/26/1985	4370			13 3/8	17 1/2	40	REDIMIX	SURF	CIRC	
															8 5/8	12 1/4	1470	425	440	TS	
															5 1/2	7 7/8	4370	340	858	CBL	
35	30	18	38	178FEL	2260FSL	30025289570000	OXY	NHGSU	432	OIL	02/09/1985	4370		4266	13 3/8	17 1/2	55	N/A	N/A	N/A	
															8 5/8	12 1/4	1490	370	SURF	CIRC	
															5 1/2	7 7/8	4370	350	SURF	CIRC	
36	30	18	38	2430FEL	1400FSL	30025289550000	OXY	NHGSU	333	WIW	03/01/1985	4369		4290	13 3/8	17 1/2	40	REDIMIX	SURF	CIRC	
															8 5/8	12 1/4	1579	710	SURF	CIRC	
															5 1/2	7 7/8	4369	720	SURF	CIRC	
37	30	18	38	1598FEL	2457FSL	30025289540000	OXY	NHU	332	WIW	06/03/1985	4370		4236	13 3/8	17 1/2	40	N/A	N/A	N/A	
															9 5/8	12 1/4	1503	650	SURF	CIRC	
															7	7 7/8	4369	800	SURF	CIRC	
38	30	18	38	1400FWL	200FSL	30025288860000	OXY	NHGSU	242	OIL	03/19/1985	4370		4165	13 3/8	17 1/2	40	40	SURF	OCD	
															8 5/8	12 1/4	1514	675	SURF	CIRC	
															5 1/2	7 7/8	4368	775	SURF	CIRC	
39	30	18	38	560FEL	2080FSL	30025285800000	TEXLAND	BOWERS/FED	A38	OIL	05/01/1984	7006		6782	13 3/8	17 1/2	1476	1220	SURF	OCD	
															10 3/4	12 1/2	4491	1650	SURF	CIRC	
															5 1/2	7 7/8	7000	600	4985	TS	
40	30	18	38	2405FWL	1770FNL	30025285550000	OXY	NHGSU	223	OIL	10/18/1984	4397		4172	16	20	30	N/A	N/A	N/A	
															8 5/8	12 1/4	1455	650	SURF	CIRC	
															5 1/2	7 7/8	4394	250	2496	CBL	
41	30	18	38	1488FEL	530FNL	30025291970000	OXY	NHGSU	312	OIL	07/09/1985	4431		4215	13 3/8	17 1/2	40	40	SURF	CALC	
															9 5/8	12 1/4	1500	650	SURF	CIRC	
															7	8 3/4	4431	700	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
42	30	18	38	195FWL	1310FNL	30025290640000	OXY	NHGSU	113	OIL	02/17/1985	4370		4285	13 3/8	17 1/2	55	REDIMIX	SURF	CIRC	
															8 5/8	12 1/4	1495	620	SURF	CIRC	
															5 1/2	7 7/8	4370	990	SURF	CIRC	
43	30	18	38	1300FEL	1520FNL	30025270590000	OXY	NHGSU	422	WIW	05/05/1981	4510			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1524	850	SURF	CIRC	
															5 1/2	7 7/8	4510	1000	2500	CBL	
44	30	18	38	1050FEL	1300FSL	30025270010000	OXY	NHGSU	442	WIW	05/08/1981	4510			16	18	40	40	SURF	CIRC	
															8 5/8	12 1/4	1606	850	SURF	CIRC	
															5 1/2	7 7/8	4510	900	SURF	CIRC	
45	30	18	38	1370FWL	1400FSL	30025269350000	OXY	NHGSU	232	WIW	11/03/1981	4555			16	18	40	40	SURF	CIRC	
															8 5/8	12 1/4	1600	875	SURF	CIRC	
															5 1/2	7 7/8	4555	1100	2614	CBL	
46	30	18	38	2310FWL	330FNL	30025074630000	OXY	NHGSU	211	WIW	08/15/1930	4250		4250	12 1/2	16	230	200	SURF	CALC	
															9 5/8	12 1/4	2647	400	1523	CALC	
															7	8 3/4	3972	250	3130	CBL	
															5	6 1/2	4310	100	3867	CALC	TOL=3867
47	30	18	38	1480FWL	2455FSL	30025289420000	OXY	NHGSU	233	OIL	02/16/1985	4383		4240	13 3/8	17 1/2	55	N/A	N/A	N/A	
															8 5/8	12 1/4	1507	620	SURF	CIRC	
															5 1/2	7 7/8	4383	1070	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	31	18	38	990 FWL	2310 FSL	30025075090000	OXY	NHGSU	131	OIL	11/01/1949	4207		4207	9 5/8	12 1/4	430	350	SURF	OCD	
															7	8 3/4	3240	500	360	TS	
															5 1/2	6 1/4	4165	90	2600	TS	
2	31	18	38	990 FWL	990 FSL	30025075100000	OXY	NHGSU	141	WIW	02/18/1950	4317		4220	10 3/4	13 3/4	435	350	SURF	OCD	
															7	8 3/4	3303	500	376	CALC	
															5 1/2	6 1/4	4317	100	2486	CALC	
3	31	18	38	990 FWK	440 FNL	30025075110000	OXY	NHGSU	111	OIL	11/29/1930	4220		4220	13 3/8	17 1/2	211	250	SURF	CALC	
														OH	9 5/8	12 1/4	2749	600	1063	CALC	
															7	8 3/4	3961	425	1473	CALC	
4	31	18	38	990 FWL	1980 FNL	30025075140000	OXY	NHGSU	121	OIL	04/11/1949	4189		4177	9 5/8	12 1/4	1620	800	SURF	CIRC	
														OH	7	8 3/4	4075	400	1733	CALC	
5	31	18	38	505 FEL	1549 FSL	30025354510000	OXY	NHGSU	743	OIL	05/22/2001	4395		4248	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1509	850	SURF	CIRC	
															5 1/2	7 7/8	4395	900	SURF	CIRC	
6	31	18	38	660 FEL	660 FNL	30025232040000	OXY	NHGSU	412	OIL	07/25/1969	6260		5936	13 3/8	17 1/2	343	350	SURF	OCD	
															8 5/8	11	3799	500	2372	TS	
															5 1/2	7 7/8	6255	400	3080	TS	
7	31	18	38	330 FEL	2310 FSL	30025127580000	OXY	NHGSU	431	OIL	07/14/1934	4225		4225	12 1/2	16	253	150	SURF	OCD	
														OH	9 5/8	11 3/4	2766	200	2056	CALC	
															7	8 3/4	3962	250	2499	CALC	
8	31	18	38	2310 FWL	2200 FNL	30025075040000	OXY	NHGSU	221	OIL	11/13/1950	4215		4215	12 1/2	16	207	300	SURF	CIRC	
															9 5/8	11 3/4	2795	400	1374	CALC	
															7	8 3/4	3964	450	1330	CALC	
															5	6 1/4	4215	325	486	CALC	
9	31	18	38	330 FEL	1370 FNL	30025074930000	OXY	NHGSU	421	OIL	05/06/1934	4190		4190	12 1/2	16	242	100		OCD	
															9 5/8	12 1/4	2760	300	1917	CALC	
															7	8 3/4	3955	150	3077	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
															5 1/2	6 1/4	4190	150	1444	CALC	
10	31	18	38	1520 FEL	1262 FNL	30025270600000	OXY	NHGSU	WI-312	W-INJ	06/06/1981	4510			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1598	950	SURF	CIRC	
															5 1/2	7 7/8	4510	1050	2500	CBL	
11	31	18	38	1509 FEL	2480 FNL	30025302040000	OXY	NHGSU	WI-322	W-INJ	04/18/1988	4350			14	17 1/2	40	40	SURF	OCD	
															8 5/8	12 1/4	1510	850	SURF	CIRC	
															5 1/2	7 7/8	4358	1100	SURF	CIRC	
12	31	18	38	600 FEL	2259 FNL	30025288870000	OXY	NHGSU	422	OIL	05/20/1985	4372		4105	13 3/8	17 1/2	40	40	SURF	OCD	
															9 5/8	12 1/4	1510	625	SURF	CIRC	
															7	8 3/4	4371	900	SURF	CIRC	
13	31	18	38	330 FEL	330 FNL	30025074900000	OXY	NHGSU	411	OIL	07/15/1930	4175		4175	12 1/2	16	242	200	SURF	CALC	
															9 5/8	11 3/4	2744	988	SURF	CALC	
															7	8 3/4	3938	200	2767	CALC	
															5 1/2	7 7/8	4358	1100	SURF	CIRC	
14	31	18	38	2310 FEL	440 FNL	30025074910000	OXY	NHGSU	311	WIW	09/11/1930	4201		4201	12 1/2	16	230	200	SURF	CIRC	
															9	11 3/4	2735	500	1321	CALC	
															6 5/8	8 1/4	3951	250	3070	CBL	
															5	6 1/4	4219	35	3882	CALC	TOL=3882
15	31	18	38	2310 FWL	990 FSL	30025075080000	OXY	NHGSU	241	OIL	05/06/1948	4155		4155	9 5/8	12 1/4	475	200		OCD	
															7	8 3/4	3225	800	SURF	CALC	
															5 1/2	6 1/4	4141	90	2493	CALC	
16	31	18	38	2200 FEL	2200 FNL	30025074920000	OXY	NHGSU	321	OIL	11/14/1930	4212		4212	12 1/2	16	227	150	SURF	CALC	
														OH	9	11 3/4	2750	500	1336	CALC	
															7	8 3/4	3957	200	2786	CALC	
17	31	18	38	2310 FWL	2200 FSL	30025075070000	OXY	NHGSU	231	OIL	11/29/1930	4190		4190	13 3/8	17 1/2	245	200		OCD	
														OH	9 5/8	12 1/4	2800	400	1676	CALC	
															7	8 3/4	3955	300	2199	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
18	31	18	38	330 FEL	330 FSL	30025074980000	OXY	NHGSU	441	OIL	09/13/1930	4195		4195	12 1/2	16	242	225	SURF	CALC	
														OH	8 1/4	9 7/8	2800	600	SURF	CALC	
															6 5/8	8	3975	225	2170	CALC	
19	31	18	38	2310 FEL	2200 FSL	30025074990000	OXY	NHGSU	331	OIL	11/14/1930	4210		4210	12 1/2	16	238	200	SURF	CALC	
														OH	9	12 1/4	2800	600	1398	CALC	
															7	8 3/4	3957	225	2640	CALC	
20	31	18	38	1325 FEL	1315 FSL	30025075000000	OXY	NHGSU	341	OIL	08/23/1935	4225		4125	12 1/2	16	251	150		OCD	
															9 5/8	12 1/4	1526	200	964	CALC	
															7	8 3/4	3990	250	2527	CALC	
															5 1/2	6 1/2	4229	100	2884	CALC	
21	31	18	38	2310 FWL	440 FNL	30025075030000	OXY	NHGSU	211	OIL	09/14/1930	4215		4215	12 1/2	18	266	185	SURF	CIRC	
														OH	9	12	2750	400	1726	CALC	
															7	8 3/4	3973	450	1339	CALC	
22	5	19	38	330 FNL	330 FWL	302507625	PLUGGED	SOUTH HOBBS	12	P&A	10/07/1930	4235	12/30/1997	4185	16		185	75	SURF	CIRC	SCHEMATIC
															10 3/4	14	2782	350	2080	CALC	
															6 5/8		3977	150	2800	CBL	
															4		4229	50	3850	CIRC	TOL=3850

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	32	18	38	2060FWL	1980FSL	30025230350000	OXY	NHGSU	232	OIL	04/06/1969	6020		5932	13 3/8	17 1/2	383	325	SURF	CIRC	
															8 5/8	11	3829	500	2098	CALC	
															5 1/2	7 7/8	6019	450	3685	TS	
2	32	18	38	660FEL	660FNL	30025231160000	APACHE	State A	5	OIL	07/01/1969	8044		5905	11 3/4	15	381	730	SURF	OCD	
															8 5/8	11	3798	590	2300		
															7	7 7/8	6998	500	3701	CALC	TOL=3701
3	32	18	38	330FWL	1730FNL	30025230070000	OXY	NHGSU	121	OIL	05/20/1969	6051		5956	13 3/8	17 1/2	342	375	SURF	OCD	
															8 5/8	11	3811	500	SURF	CIRC	
															5 1/2	7 7/8	6051	455	3740	CALC	
4	32	18	38	2310FEL	1930FNL	30025229440000	OXY	State A	6	OIL	04/23/1969	6020		5805	13 3/8	17 1/2	357	350	SURF	CIRC	
															8 5/8	11 3/4	3820	800	SURF	CIRC	
															5 1/2	7 7/8	6020	500	3561	CIRC	TOL=3561
5	32	18	38	2080FWL	1650FNL	30025229150000	TEXLAND	Grimes	18	OIL	02/24/1969	6020		5774	13 3/8	17 1/2	351	335	SURF	OCD	
															8 5/8	11	3799	300	2761	CALC	
															5 1/2	7 7/8	6019	505	3454	CALC	
6	32	18	38	2365FEL	962FSL	30025354520000	OXY	NHGSU	834	OIL	05/21/2001	4300		4235	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1511	850	SURF	CIRC	
															5 1/2	7 7/8	4300	850	SURF	CIRC	
7	32	18	38	1245FWL	1960FSL	30025353850000	OXY	NHGSU	913			4368			14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1498	850	SURF	CIRC	
															5 1/2	7 7/8	4400	950	SURF	CIRC	
9	32	18	38	2130FEL	660FNL	30025230760000	APACHE	State A	4	OIL	04/23/1969	6000		5912	11 3/4	15	380	300	SURF	OCD	
															8 5/8	11	3810	590	SURF	CIRC	
															5 1/2	7 7/8	5998	325	3695	CIRC	TOL=3695
10	32	18	38	2310FEL	2310FSL	30025075380000	OXY	NHGSU	331	OIL	09/24/1930	4261		4175	9 5/8	11 3/4	2750	300	1684	CALC	
															7	8 3/4	3940	700	SURF	CIRC	
															5	6 1/4	4247	75	2430	CBL	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
11	32	18	38	330FEL	2310FSL	30025075370000	OXY	NHGSU	431	WIW	08/15/1930	4245		4175	9 5/8	12 1/4	2750	475	1415	CALC	
															7	8 3/4	3968	350	1919	CALC	
															5	6 1/8	4244	65	3406	CALC	
12	32	18	38	660FEL	660FSL	30025075360000	OXY	NHGSU	441	OIL	08/15/1930	4175		4175	12 1/2	16	188	125	SURF	CIRC	
															9 5/8	12 1/4	2750	400	1626	CALC	
															7	8 3/4	3971	250	2508	CALC	
															5	6 1/4	4234	60	3500	CBL	
13	32	18	38	2310FWL	990FSL	30025075330000	OXY	NHGSU	241	OIL-WO	02/09/1982	4270		4072	13 3/8	17 1/4	328	325	SURF	OCD	
															7	8 3/4	4099	1425	SURF	CALC	
															5 1/2	6 1/4	3916	125	1627	CALC	
14	32	18	38	2310FEL	1650FNL	30025125060000	OXY	NHGSU	321	OIL	08/15/1930	4275		4185	12 1/2	16	230	N/A	N/A	N/A	
															9		2759	N/A	N/A	N/A	
															6 5/8	8 3/4	3950	N/A	2472	CBL	
17	32	18	38	330FEL	2310FNL	30025125070000	OXY	NHGSU	421	OIL	09/03/1930	4185		4185	12 1/2	16	245	250	SURF	CALC	
															9 5/8	11 3/4	2755	600	624	CALC	
															6 1/2	7 7/8	3954	225	2117	CALC	
															5 1/2	6	4185	125	3916	CALC	TOL=3916
18	32	18	38	1650FEL	2310FNL	30025125040000	OXY	State A	1	OIL	07/02/1930	4175		4175	12 1/2	16 1/2	222	135	SURF	CIRC	
														OH	9	12 1/4	2755	600	1353	CALC	
															7	8 3/4	3850	200	2679	CALC	
19	32	18	38	1437FEL	475FSL	30025282660000	OXY	NHGSU	342	WIW	01/11/1984	4430		4091	16	20	30	40	SURF	CIRC	
															8 5/8	12 1/4	1522	700	SURF	CIRC	
															5 1/2	7 7/8	4380	650	SURF	CIRC	
20	32	18	38	1175FWL	786FSL	30025316620000	OXY	NHGSU	144	OIL	02/28/1994	4400		4247	13 3/8	17 1/2	40	40	SURF	BLM	
															8 5/8	12 1/4	1545	850	SURF	CALC	
															5 1/2	7 7/8	4400	810	286	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
21	32	18	38	2370FEL	500FNL	30025302630000	OXY	NHGSU	313	OIL	05/01/1988	4350		4229	14	17	53	50	SURF	CIRC	
															9 5/8	12 1/4	1510	650	SURF	CIRC	
															7	8 3/4	4346	1250	SURF	CIRC	
22	32	18	38	1885FWL	639FNL	30025302580000	OXY	NHGSU	212	OIL	04/22/1988	4350		4256	14	17	53	50	SURF	CIRC	
															9 13/20	12 1/4	1504	650	SURF	CIRC	
															7	8 3/4	4348	1150	SURF	CIRC	
23	32	18	38	1550FEL	660FSL	30025299060000	OXY	NHGSU	343	OIL	07/06/1987	4370		4160	14	18	404	50	SURF	CIRC	
															9 5/8	12 1/2	1498	1400	SURF	CIRC	
															7	8 3/4	4370	1350	SURF	CIRC	
24	32	18	38	1280FEL	2540FNL	30025291980000	OXY	NHGSU	423	OIL	07/16/1985	4380		4051	13 3/8	17 1/2	40	N/A	N/A	N/A	
															9 5/8	12 1/4	1508	580	SURF	CIRC	
															7	8 3/4	4379	925	SURF	CIRC	
25	32	18	38	2350FEL	1550FSL	30025291730000	OXY	NHGSU	332	OIL	05/31/1985	4356		4070	13 3/8	17 1/2	40	NA	NA	N/A	
															9 5/8	12 1/4	1534	680	SURF	CIRC	
															7	8 3/4	4356	875	SURF	CIRC	
26	32	18	38	110FEL	1385FNL	30025290740000	OXY	NHGSU	422	OIL	03/24/1985	4370		4047	13 3/8	17 1/2	40	N/A	N/A	N/A	
															9 5/8	12 1/4	1538	425	SURF	CIRC.	
															7	8 3/4	4369	570	1032	CALC	
27	32	18	38	1370FWL	1720FNL	30025271400000	OXY	NHGSU	222	WIW	06/21/1981	4510			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1607	800	SURF	CIRC	
															5 1/2	7 7/8	4510	900	724	CBL	
28	32	18	38	1300FWL	1400FSL	30025271390000	OXY	NHGSU	132	WIW	06/02/1981	4510			8 5/8	12 1/4	1550	875	SURF	OCD	
															5 1/2	7 7/8	4510	1100	SURF	CIRC	
29	32	18	38	1300FEL	1400FSL	30025269740000	OXY	NHGSU	432	WIW	06/20/1981	4400			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1600	850	SURF	CIRC	
															5 1/2	7 5/8	4400	950	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
30	32	18	38	1400FEL	1370FNL	30025269730000	OXY	NHGSU	323	WIW	02/06/1981	4400		4432	16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1600	1000	SURF	CIRC	
															5 1/2	7 7/8	4400	920	3624	MICRO-SEISMO	
31	32	18	38	1400FEL	210FNL	30025290170000	OXY	NHGSU	312	WIW	12/21/1984	4370		4073	13 3/8	17 1/2	40	N/A	N/A	N/A	
															8 5/8	12 1/4	1519	650	SURF	CIRC	
															5 1/2	7 7/8	4369	1120	SURF	CIRC	
32	32	18	38	1210FWL	610FSL	30025282650000	OXY	NHGSU	142	WIW	01/05/1984	4460			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1525	750	SURF	CIRC	
															5 1/2	7 7/8	4460	680	1006	CALC	
33	32	18	38	1980FEL	2130FSL	30025233090000	SAGA	State	9	OIL	01/09/1970	7000		5964	13 3/8	17 1/2	364	160	SURF	CIRC	
															9 5/8	12 1/4	3799	1140	430	TS	
															7	8 3/4	6998	490	CBL	TOL=3573	
34	32	18	38	586FEL	887FNL	30025349640000	OXY	NHGSU	541	OIL	05/10/2000	4410		4270	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1557	700	SURF	CIRC	
															5 1/2	7 7/8	4410	1000	SURF	CIRC	
35	32	18	38	2054FWL	2164FNL	30025349070000	OXY	NHGSU	512	OIL	05/04/2000	4405		4196	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1620	775	SURF	CIRC	
															5 1/2	7 7/8	4405	950	SURF	CIRC	
36	32	18	38	1650FEL	2310FSL	30025075350000	PLUGGED	STATE -	1	P&A	07/08/1930	4175	07/21/1958	4175	20		98	100	SURF	OCD	SCHEMATIC
								NORTHRUP							12 1/2		1482	175			
															10 3/4		2766	200			
															7		3850	275			
															5		3244	500			
37	32	18	38	1980FWL	660FNL	30025227920000	TEXLAND	Grimes A	17	OIL	11/27/1968	6150		5782	13 3/8	17 1/2	366	370	SURF	OCD	
															9 5/8	12 1/4	3399	1450	SURF	CALC	
															7	8 3/4	6149	545	2510	TS	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
38	32	18	38	330FWL	2310FSL	30025075270000	OXY	NHGSU	131	OIL	09/15/1934	4250		4183	13 3/8	17 1/2	212	200	SURF	CALC	
															9 5/8	12 1/4	2740	350	1757	CALC	
															7	8 3/4	3966	150	3140	CBL	
															4 1/2	6 1/4	4250	65	3813	CALC	TOL=3813
39	32	18	38	330FWL	1370FNL	30025075260000	OXY	NHGSU	112	OIL	06/29/1934	4276		4199	15 1/2	18	238	200	SURF	CIRC	
															9 5/8	12 1/4	2757	350	1774	CALC	
															7	8 3/4	3954	200	3086	CBL	
															5	6 1/4	4273	50	3841	CIRC	TOL=3841
40	32	18	38	2310FWL	990FNL	30025075250000	OXY	NHGSU	211	OIL	04/30/1931	4153		4153	13 3/8	17	189	200	SURF	CIRC	
														OH	9 5/8	12 1/4	2736	600	1050	CALC	
															6 5/8	8 3/4	3860	300	2210	CBL	
42	32	18	38	330FWL	330FSL	30025075230000	OXY	NHGSU	141	OIL	09/11/1930	4192		4192	13 3/8	17 1/2	257	200	SURF	OCD	
														OH	9 5/8	12 1/4	2797	600	1111	CALC	
															7	8 3/4	3908	300	2900	CBL	
43	32	18	38	2310FWL	330FNL	30025075220000	TECHSYS	Grimes	4	OIL	09/24/1930	4153	12/01/1989	4153	15 1/2	18	220	200	SURF	OCD	
							RES	NCT-A			RE-ENTERED		12/18/1999		9 5/8	12 1/4	2742	600	1056	CALC	
															7	8 3/4	3933	400	1591	CALC	
44	32	18	38	2310FWL	2310FSL	30025075210000	OXY	NHGSU	231	OIL	08/28/1930	4154		4154	15 1/2	17 1/2	207	200	SURF	CIRC	
															9 5/8	12 1/4	2738	600	996		
															7	8 3/4	3948	300	2246		
															4 1/2	6 1/4	4194	90	3701		TOL=3701
45	32	18	38	300FWL	1185FSL	30025289430000	OXY	NHGSU	143	OIL	04/26/1985	4383		4079	13 3/8	17 1/2	40	50	SURF	BLM	
															9 5/8	12 1/4	1534	625	SURF	CIRC	
															7	8 3/4	4383	820	SURF	CIRC	
46	32	18	38	330FWL	330FNL	30025075190000	HRC	Grimes A	1	OIL	07/08/1930	4160	04/02/1970	4160	15 1/2	20	242	200	SURF	OCD	
													RE-ENTERED		9 5/8	12 1/4	2733	600	SURF	CIRC	
															7	8 3/4	3955	200	SURF	CIRC	
															4 1/2	6 1/4	4260	70	3835	CALC	TOL=3835

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
47	32	18	38	1420FWL	2650FNL	30025289440000	OXY	NHGSU	223	OIL	05/17/1985	4370		4112	13 3/8	17 1/2	40	N/A	N/A	N/A	
															9 5/8	12 1/4	1500	600	SURF	CIRC	
															7	8 3/4	4369	975	SURF	CIRC	
48	32	18	38	2310FEL	2310FNL	30025075180000	OXY	NHGSU	322	OIL	09/11/1930	4217		4175	12 1/2	16	240	200	SURF	CIRC	
															9 5/8	12 1/4	2750	605	1050	CALC	
															7	8 3/4	3960	225	2643	CALC	
															5 1/2	7 7/8	4217	100	3973	CBL	TOL=3911
49	32	18	38	330FEL	330FNL	30025075160000	OXY	NHGSU	411	OIL	09/29/1930	4160		4160	12 1/2	16	224	200	SURF	CIRC	
														OH	9 5/8	11 3/4	2740	400	1272	CBL	
															7	8 3/4	3940	500	2698	CBL	
50	32	18	38	2310FEL	990FNL	30025075150000	PLUGGED	NHGSU	311	P&A	08/16/1930	4160	04/19/1984	4160	12 1/2	16	207	200	SURF		SCHEMATIC
															9 5/8	11 3/4	2739	425	1179	CBL	
															7	8 3/4	3938	350	2740	CBL	
51	32	18	38	630FEL	1650FSL	30025343750000	OXY	NHGSU	542	OIL	07/18/1998	4600		4250	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1581	800	SURF	CIRC	
															5 1/2	7 7/8	4600	1000	SURF	CIRC	
52	32	18	38	1500FEL	2120FSL	30025343740000	OXY	NHGSU	531	OIL	07/13/1998	4400		4233	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1553	800	SURF	CIRC	
															5 1/2	7 7/8	4400	1000	SURF	CIRC	
53	32	18	38	660FEL	1930FNL	30025231300000	OXY	NMGSU	424	OIL	07/16/1969	7020		6930	13 3/8	17 1/2	350	350	SURF	CIRC	
															8 5/8	12 1/4	3790	1300	SURF	CIRC	
															5 1/2	7 7/8	7015	650	3580	CALC	TOL=3580
54	32	18	38	700FWL	800FNL	30025226270000	TEXLAND	Grimes A	16	OIL	08/09/1968	7050		5391	9 5/8	12 1/4	1497	575	SURF	OCD	
															7	8 3/4	7039	2925	SURF	CALC	
55	32	18	38	2310FWL	1650FNL	30025075200000	OXY	NHGSU	221	OIL	08/27/1930	4289		4155	12	16	207	200	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/Perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
															9 5/8	12 1/4	2752	600	333	CBL	
															7	8 3/4	3943	200	2892	CBL	
															4 1/2	6 1/4	4289	65	3748	CALC	TOL=3748
56	32	18	38	2310 FWL	330 FSL	3002507524	PLUGGED	GRIMES B	6	P&A	10/09/1930	4166	19101	4166	13 3/8	NA	213	200		OCD	SCHEMATIC
															9 5/8	NA	2765	600			
															6 5/8	NA	3962	400	3030		
57	32	18	38	2310 FEL	330 FSL	3002507539	OXY	NHGSU	341	OIL	10/13/1930	4176		4176	16	18	221	250	SURF	CIRC	
															9 5/8	12 1/4	2750	556	1136	CBL	
															7	8 3/4	3925	225	2608	CALC	
															5	6 1/4	4235	120	3366	CBL	
58	32	18	38	660 FWL	660 FNL	3002507528	OXY	NHGSU	111	OIL		4250			9 5/8	NA	306	175	SURF	CIRC	
															7	8 3/4	3120	600	SURF	CALC	
															4 1/2	6 1/4	4249	110	3112	CBL	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sx/cmt	TOC	Source	Comments
1	33	18	38	2310 FEL	330 FNL	30025075550000	OXY	NHGSU	311	OIL	08/20/1934	4221		4221	13 3/8	17 1/2	292	200	SURF	OCD	
														OH	9 5/8	12 1/4	2746	350	1763	CALC	
															7	8 3/4	3930	250	2467	CALC	
2	33	18	38	1980 FEL	1980 FNL	30025075480000	OXY	NHGSU	321	OIL	01/18/1933	4183		4183	15 1/2	18	237	235	SURF	OCD	
														OH	9 5/8	12 1/4	2756	600	1070	CALC	
															7	8 3/4	3970	350	1921	CALC	
3	33	18	38	217 FWL	1051 FSL	30025355340000	OXY	NHGSU	844	OIL	05/12/2001				8 5/8	12 1/4	1522	850	SURF	OCD	
															5 1/2	6 1/4	4385	900	SURF	CALC	
5	33	18	38	1320 FWL	2310 FSL	30025075450000	OXY	NHGSU	231	OIL	10/14/1930	4192		4192	15 1/2	18	203	235	SURF	CIRC	
															9	12 1/4	2754	600	1352	CALC	
															7	8 3/4	3943	310	2860	CBL	
															5	6 1/4	4235	50	3871	CALC	TOL=3860
6	33	18	38	330 FWL	2310 FSL	30025075440000	OXY	NHGSU	131	OIL	10/08/1930	4174		4174	15 1/2	18	208	373	SURF	CIRC	
															9	12 1/4	2742	500	1574	CALC	
															7	8 3/4	3953	300	2870	CBL	
															5	6 1/4	4243	100	3922	CALC	TOL=3922
7	33	18	38	660 FWL	660 FSL	30025075430000	OXY	NHGSU	141	OIL	09/13/1930	4261		4183	12 1/2	16	1209	159	SURF	CIRC	
															9 5/8	11 3/4	2738	500	962	CALC	
															7	8 3/4	3976	275	2366	CALC	
															5	6 1/4	4261	45	3828	CALC	TOL=3828
8	33	18	38	2086 FWL	2086 FSL	30025238560000	SAGA	CONOCO-STATE	2	OIL	10/15/1971	7075		6681	13 3/8	17	402	410	SURF	CIRC	
							PETRO								9 5/8	12 1/4	377	350	SURF	CALC	
															7	8 3/4	7075	600	3563	CALC	
9	33	18	38	2130 FEL	1980 FNL	30025237590000	SAGA	CONOCO-STATE	1	OIL	08/26/1971	7075		5871	13 3/8	17	418	410	SURF	CIRC	
							PETRO								9 5/8	12 1/4	3799	350	2816	CALC	
															7	8 3/4	7075	900	1807	CALC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sx/cmt	TOC	Source	Comments
10	33	18	38	1370 FWL	1595 FSL	30025268340000	OXY	NHGSU	232	WIW	06/16/1981	4453			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1590	800	SURF	CALC	
															5 1/2	7 7/8	4439	750	SURF	CIRC	
11	33	18	38	1650 FWL	1980 FNL	30025233340000	OXY	STATE G	6	OIL	11/17/1969	6009		5934	11 3/4	17 1/2	420	540	SURF	OCD	
															8 5/8	11	3752	370	1831	TS	
															5 1/2	7 7/8	6009	400	3500	TS	
															4	4 3/4	7041	755	5815	CALC	TOL=5815
12	33	18	38	1980 FWL	660 FNL	30025233300000	OXY	STATE B	6	2OIL	12/12/1969	7100		6931	13 3/8	17 1/2	350	300	SURF	CIRC	
															9 5/8	12 1/4	3815	400	SURF	CIRC	
															7	8 3/4	7062	805	3609	CIRC	TOL=3609
13	33	18	38	625 FWL	2175 FSL	30025231950000	BROTHERS	STATE A	12	OIL	09/02/1969	7018		6668	13 3/8	17 1/2	422	375	SURF	CIRC	
							PROD								9 5/8	12 1/4	3750	325	2837	CALC	
															7	8 3/4	7018	525	3945	CALC	
14	33	18	38	330FWL	330 FNL	30025125050000	OXY	NHGSU	111	OIL	09/30/1930	4237		4175	12 1/2	16	240	200	SURF	CIRC	
															9 5/8	11 3/4	2750	600	619	CALC	
															7	8 3/4	3968	225	2651	CALC	
															5 1/2	7 3/4	4236	95	3923	CALC	TOL=3923
15	33	18	38	1500 FWL	990 FNL	30025346430000	OXY	NHGSU	521	OIL	09/29/1999	4400		4260	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1565	795	SURF	CIRC	
															5 1/2	7 7/8	4400	1655	3212	CBL	
16	33	18	38	2472 FWL	2380 FSL	30025284100000	OXY	NHGSU	233	OIL	10/10/1984	4370		4246	16	20	40	50	SURF	OCD	
															8 5/8	12 1/4	1582	750	SURF	CIRC	
															5 1/2	7 7/8	4350	875	SURF	CALC	
17	33	18	38	2563 FWL	1372 FSL	30025292750000	OXY	NHGSU	234	OIL	08/06/1985	4373		4046	13 3/8	17 1/2	40	40	SURF	OCD	
															9 5/8	12 1/4	1503	650	SURF	CIRC	
															7	8 3/4	4372	1125	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sx/cmt	TOC	Source	Comments
18	33	18	38	1702 FEL	151 FNL	30025291990000	OXY	NHGSU	312	OIL	07/11/1985	4428		4128	13 3/8	17 1/2	40	40	SURF	OCD	
															9 5/8	12 1/4	1510	650	SURF	CIRC	
															7	8 3/4	4428	975	SURF	CIRC	
19	33	18	38	2455 FWL	1300 FNL	30025290650000	OXY	NHGSU	213	OIL	02/25/1985	4370		4255	13 3/8	17 1/2	40	40	SURF	OCD	
															8 5/8	12 1/4	1551	675	SURF	CIRC	
															5 1/2	7 7/8	4370	675	SURF	CIRC	
21	33	18	38	1820 FEL	1385 FNL	30025271690000	OXY	NHGSU	322	WIW	10/28/1981	4510			16	20	40	40	SURF	OCD	
															8 5/8	12 1/4	1600	850	SURF	CIRC	
															5 1/2	7 7/8	4510	915	SURF	CIRC	
22	33	18	38	1453 FEL	2525 FNL	30025289510000	OXY	NHGSU	323	OIL	07/24/1985	4370		4003	13 3/8	17 1/2	40	40	SURF	OCD	
															9 5/8	12 1/4	1517	650	SURF	CIRC	
															7	8 3/4	4370	925	SURF	CIRC	
23	33	18	38	2275 FEL	511 FNL	30025350110000	OXY	NHGSU	734	OIL	06/16/2000	4383		4283	14	18	40	50	CIRC	OCD	
															8 5/8	12 1/4	1543	700	SURF	CIRC	
															5 1/2	7 7/8	4383	1000	SURF	CIRC	
24	33	18	38	1420 FWL	205 FNL	30025290260000	OXY	NHGSU	212	WIW	01/15/1985	4370			13 3/8	17 1/2	40	40	SURF	CIRC	
															8 5/8	12 1/4	1520	875	SURF	CIRC	
															5 1/2	7 7/8	4370	900	SURF	CIRC	
25	33	18	38	918 FWL	1659 FSL	30024349800000	OXY	NHGSU	513	OIL	05/19/2000	4373		4089	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1580	750	SURF	CIRC	
															5 1/2	7 7/8	4373	1000	SURF	CIRC	
26	33	18	38	598 FWL	1310 FNL	30025349060000	OXY	NHGSU	511	OIL	05/07/2000	4400		4294	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1570	700	SURF	CIRC	
															5 1/2	7 7/8	4400	1000	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sx/cmt	TOC	Source	Comments
27	33	18	38	2325 FEL	490 FNL	30025348940000	OXY	NHGSU	631	WIW	08/23/2000	4500		4369	14	18	40	50	SURF	CIRC	
															8 5/8	12 1/4	1545	725	SURF	CIRC	
															5 1/2	7 7/8	4500	950	SURF	CIRC	
28	33	18	38	1673 FWL	1082 FSL	30025349930000	OXY	NHGSU	524	OIL	05/29/2000	4386		4278	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1568	750	SURF	CIRC	
															5 1/2	7 7/8	4386	1000	SURF	CIRC	
29	33	18	38	2450 FWL	2000 FNL	30025343720000	OXY	NHGSU	523	OIL	08/02/1998	4406		4268	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1560	800	SURF	CIRC	
															5 1/2	7 7/8	4406	1000	SURF	CIRC	
30	33	18	38	2310 FWL	330 FNL	30025075640000	OXY	NHGSU	211	OIL	06/27/1934	4220		4220	12 1/2	16	296	150	SURF	CIRC	
															9 5/8	12 1/4	2760	150	2339	CALC	
															7	8 3/4	3930	250	2467	CALC	
															5 1/2	7 7/8	4220	250	3800	CBL	TOL=3884
31	33	18	38	1320 FWL	2310 FNL	30025075600000	OXY	NHGSU	221	OIL	09/14/1930	4179		4179	12 1/2	16	237	125	SURF	CIRC	
															9 5/8	11 3/4	2748	400	SURF	CIRC	
															7	8 3/4	4012	275	SURF	CIRC	
															5	6 1/4	4242	100	2850	CBL	
32	33	18	38	185 FWL	1250 FNL	30025284110000	OXY	NHGSU	142	OIL		4370			16	20	40	40	SURF	OCD	
															8 5/8	12 1/4	1540	750	SURF	CIRC	
															5 1/2	7 7/8	4370	1010	320	CBL	
33	33	18	38	2200 FEL	2415 FSL	30025343730000	OXY	NHGSU	534	OIL	08/06/1998	4402		4244	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1564	800	SURF	CIRC	
															5 1/2	7 7/8	4402	740	SURF	CIRC	
34	33	18	38	2100 FEL	1925 FNL	30025344160000	OXY	NHGSU	545	OIL	08/25/1998	4558		4354	14	18	40	50	SURF	OCD	
															8 5/8	12 1/4	1550	800	SURF	CIRC	
															5 1/2	7 7/8	4558	1000	SURF	CIRC	

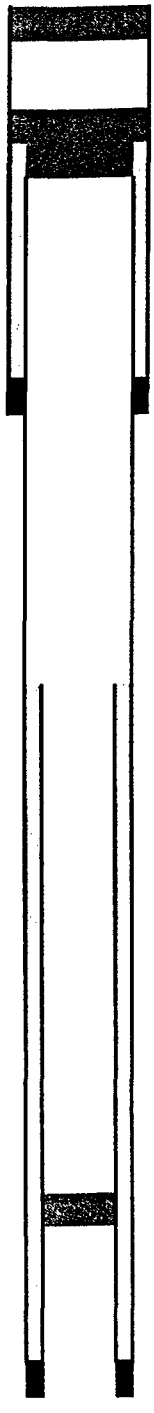
	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator Name	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr perf	Csg Size	Hole Size	Depth	Sx/cmt	TOC	Source	Comments
35	33	18	38	660 FWL	1980 FNL	30025232630000	OXY	NHGSU	123	OIL	10/10/1969	7040			13 3/8	17 1/2	425	400	SURF	CIRC	
															9 5/8	12 1/4	3958	550	2413	CALC	
															7	8 3/4	7040	700	3500	TS	
36	33	18	38	1764 FEL	202 FNL	30025299310000	OXY	NHGSU	342	OIL	07/28/1987	4570		4468	14	18	40	40	SURF	OCD	
															9 5/8	12 1/4	1655	675	SURF	CIRC	
															7	8 3/4	4569	1050	SURF	CIRC	
37	33	18	38	660 FWL	660 FNL	30025232070000	OXY	NHGSU	114	OIL	08/26/1969	7000		5854	13 3/8	17 1/2	360	350	SURF	CIRC	
															9 5/8	12 1/2	3799	1850	SURF	CIRC	
															7	8 3/4	7000	688	2973	CALC	
38	33	18	38	2160 FEL	450 FNL	30025234380000	TEXLAND	GRIMES WD	7	OIL	03/20/1970	7100		5848	13 3/8	17 1/2	368	400	SURF	CIRC	
								NCT-B							9 5/8	12 1/4	3859	2000	SURF	CIRC	
															7	8 3/4	7099	485	4260	CALC	
39	33	18	38	1470 FWL	1520 FNL	30025269750000	OXY	NHGSU	222	WIW	06/12/1981	4400			16	20	40	40	SURF	CIRC	
															8 5/8	12 1/4	1600	800	SURF	CIRC	
															5 1/2	7 7/8	4400	1100	SURF	CIRC	
40	33	18	38	330 FWL	2310 FNL	30025075590000	OXY	NHGSU	121	OIL	08/30/1930	4179		4179	12 1/2	16	202	175	SURF	OCD	
															9 5/8	11 3/4	2755	350	1512	CALC	
															7	8 3/4	3953	400	1611	CALC	
															4 1/2	6 1/4	4279	50	3900	CALC	TOL=3900
41	4	19	38	645 FNL	453 FWL	3002528305	OXY	S. HOBBS GBSA	COOP 2	WIW	02/03/1984	4423		4348	8 5/8	12 1/4	1500	900	SURF	CIRC	
															5 1/2		4423	2025	SURF	CIRC	

	Sec	Twp	Rgn	E/W Dir	N/S Dir	API	Operator	Lease Name	Well #	Status	Comp Date	TD	Abnd Date	Lwr/perf	Csg Size	Hole Size	Depth	Sxs/Cmt	TOC	Source	Comments
1	36	18	37	330 FEL	330 FNL	30025055390000	OXY	NHGSU	411	OIL	01/29/1931	4236		4236	15 1/2	18	242	400	SURF	OCD	
														OH	10	12 1/4	2751	500	SURF	CIRC	
															7	8 3/4	4062	500	2850	CBL	
2	36	18	37	1650 FEL	1650 FNL	30025055400000	OXY	NHGSU	321	OIL	11/02/1956	4293		4224	8 5/8	12 1/4	374	350	SURF	CIRC	
															5 1/2	7 7/8	4286	400	2825	TS	
3	36	18	37	1650 FEL	330 FNL	30025055410000	OXY	NHGSU	311	OIL	03/24/1953	4225		4168	8 5/8	12 3/4	320	300	SURF	OCD	
															5 1/2	8 3/4	4225	500	SURF	CIRC	
4	36	18	37	2310 FWL	330 FNL	30025055420000	OXY	NHGSU	211	WIW	10/04/1957	4275		4272	8 5/8	11	434	325		OCD	
															5 1/2	7 7/8	4275	400	2243	CALC	
5	36	18	37	330 FEL	1650 FNL	30025099260000	OXY	NHGSU	421	OIL	09/01/1956	4210		4130	8 5/8	12 1/4	367	380	SURF	OCD	
															5 1/2	7 7/8	4210	400	2540	TS	
6	36	18	37	330 FEL	2310 FSL	30025227530000	PLUGGED	STATE D	1	P&A	12/18/1968	4275	10/27/1970	4244	7	8 3/4	1555	400	SURF	OCD	
															4 1/2	6 1/4	4275	300	2750	TS	

SCHEMATICS FOR PLUGGED & ABANDONED WELLS

Conoco
State B-13 #3
Section 13-18s-37e

API Number: 30025 05438
P&A: 6/6/36
Datum:



Cmt Plug: 0-60 na

9 5/8" casing shot off and pulled at 360'
Cmt Plug 254-400 na

Casing Size: 9 5/8"
Depth: 1621
Sxs cmt: 230

7" casing shot off and pulled at 2450'

Casing Size: 7"
Depth: 3941
Sxs cmt: 400

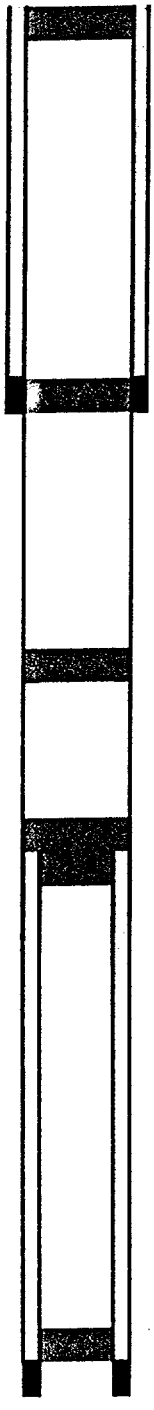
Cmt Plug 3000-3400 na

TD: 4245

NHGSAU
Well #1

Tidewater
State B #3
Section 14-18s-37e

API Number: 30025 05458
P&A: 8/27/60
Datum:



Cmt Plug: Surface 10 sx

Casing Size: 8 5/8"
Depth: 341
Sxs cmt: 300

Cmt Plug 350 25 sx

Cmt Plug 1670 25 sx

Casing Size: 5 1/2"
Depth: 4324
Sxs cmt: 600

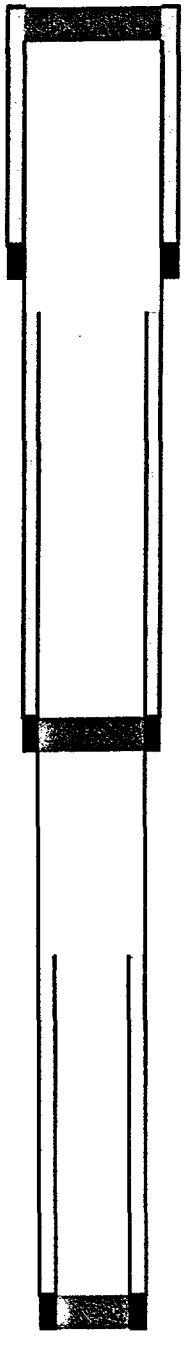
Cut and pull casing at 2585'
Cmt Plug 2585 25 sx

Cmt Plug 4240 25 sx

TD: 4324

Shell
State E #1
Section 14-18s-37e

API Number: 30025 10199
P&A: 12/21/38
Datum:



Cmt Plug: 0-50 na

Casing Size: 12"
Depth: 229
Sxs cmt: 150

Cut and pulled 330' of 9 5/8" casing

Casing Size: 9 5/8"
Depth: 1612
Sxs cmt: 650

Cmt Plug 1612 na

Casing Size: 7"
Depth: 4011
Sxs cmt: 280

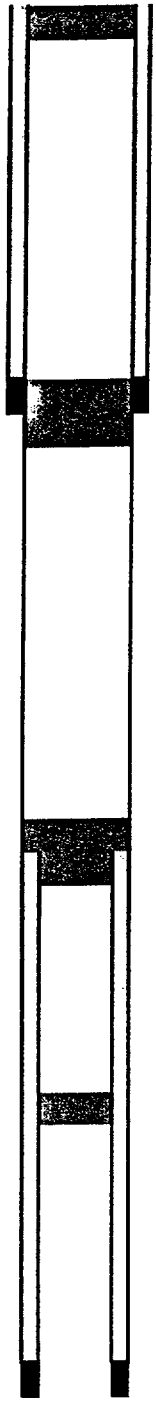
Cut and Pulled 2700' 7" casing

TD: 4011

Cmt Plug TD 40 sx

Stanolind
State #1
Section 14-18s-37e

API Number: 30025 05452
P&A: 1/6/65
Datum:



Cmt Plug: Surface 25 sx

Casing Size: 10 3/4"
Depth: 265
Sxs cmt: 200

Cmt Plug 265 25 sx

Casing Size: 7"
Depth: 3910
Sxs cmt: 150

Cut and pull casing at 834'
Cmt Plug 834 25 sx

Cmt Plug csg part* 25 sx
*Depth not specified

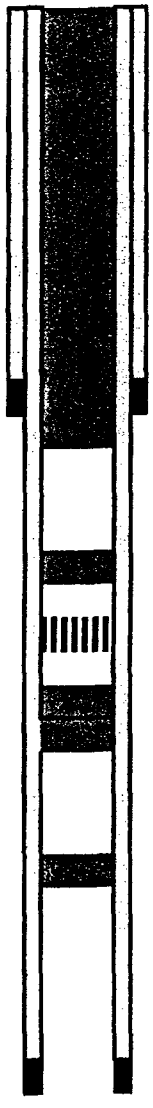
TD: 3910

7

Shell
NHGSAU #441
Section 18-18s-38e

API Number: 30025 07343
P&A: 10/21/87
Datum: 3662

Casing Size: 13 3/8"
Depth: 218
Sxs cmt: 200



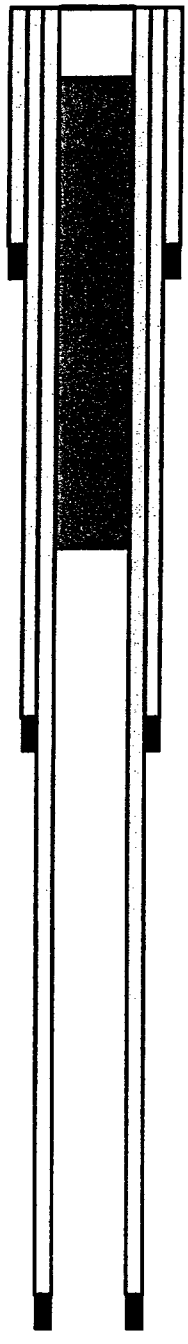
Perf	250	pmp 50 sx into fm
Cmt Plug	Spot @ 250	50 sx
Cmt Plug	Spot @ 1650	20 sx
CIBP	2257	
Cmt Plug	2380-2553	50 sx
Cmt Plug	2553-2715	80 sx
Cmt Plug	3260-3195	30 sx

Casing Size: 8 5/8"
Depth: 4022
Sxs cmt: 500

TD: 4253

Shell
Hardin #1
Section 18-18s-38e

API Number: 30025 07350
P&A: 2/28/81
Datum: 3676 (11' above csg)



Weld on 1/8" plate
Left well for irrigation supply well
for landowner

Casing Size: 15 1/2"
Depth: 227
Sx cmt: 225

Cmt Plug 900-1326 75 sx

Drilled out to 1070' to find csg,
could not locate top of 9 5/8"

Casing Size: 9 5/8"
Depth: 2795
Sx cmt: 650

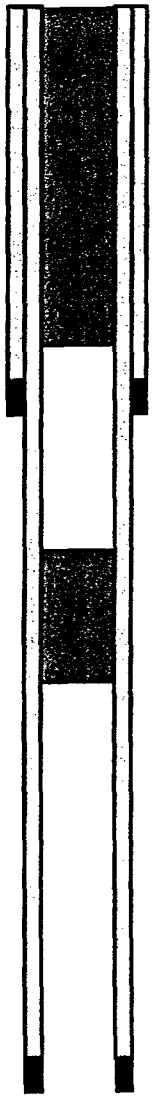
Cmt Plug 170-1060 1200 sx

Casing Size: 7"
Depth: 4010
Sx cmt: 300

TD: 4270

Shell
NHGSAU #421
Section 18-18s-38e

API Number: 30025 07347
P&A: 5/3/84
Datum: 3673



Cmt Plug: 0-275 120 sx

Casing Size: 8 5/8"
Depth: 305
Sxs cmt: 300

Per 275

CICR 504 tst to 500#
Pump 400 sx

Casing Size: 4 1/2"
Depth: 4177
Sxs cmt: 350

TD: 4177

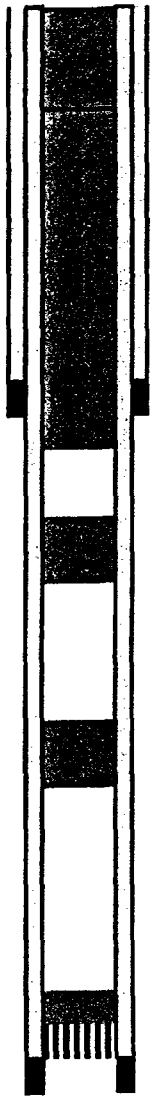
Altura
NHGSAU #331
Section 18-18s-38e

API Number: 30025 07346
P&A: 1/31/00
Datum:

Casing Size: 8 5/8"
Depth: 320
Sxs cmt: 310

Casing Size: 4 1/2"
Depth: 4170
Sxs cmt: 1027

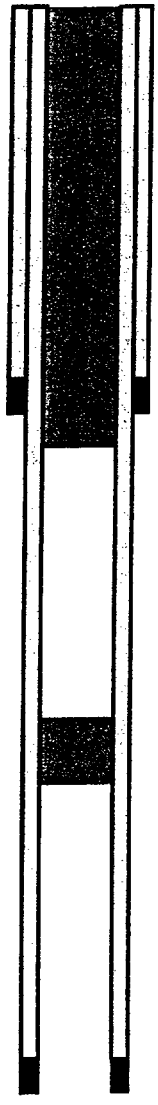
TD: 4170



Cmt Plug:	0-60	10 sx
Cmt Plug:	60-370	25 sx
Cmt Plug	1654-2000	25 sx
Cmt Plug	2495-2810	40 sx
Cmt Plug CIBP	Top of CIBP 3963	35 sx

Shell
NHGSU #18-431
Section 18-18s-38e

API Number: 30025 07344
P&A: 3/7/95
Datum:



Cmt Plug: 0-430 na

Casing Size: 8 5/8"
Depth: 428
Sxs cmt: 325

Perf 430
Circ cmt tp sirf between 5 1/2" and 8 5/8" csg

Casing Size: 5 1/2"
Depth: 4199
Sxs cmt: 1600

Cmt Plug 2850-2480 12 bbls

TD: 4200

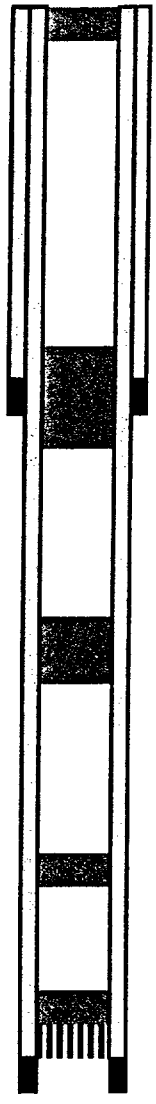
Altura
NHGSAU #231
Section 18-18s-38e

API Number: 30025 07341
P&A: 2/25/00
Datum: 3673

Casing Size: 7"
Depth: 327
Sxs cmt: 250

Casing Size: 4 1/2"
Depth: 4289
Sxs cmt: 185

TD: 4290



Cmt Plug: Surface 10 sx

Perf 380 circ cmt to surf
Cmt Plug 220-380

Perf 2000
CICR 1850
Cmt Plug 40 sx below CICR, 10 sx above

Cmt Plug 2558-1253 85 sx

Cmt Plug Spot @ 2810 25 sx

Cmt Plug Top CIBP 35 sx
CIBP 3885

Altura
NHGSU #131
Section 18-18s-38e

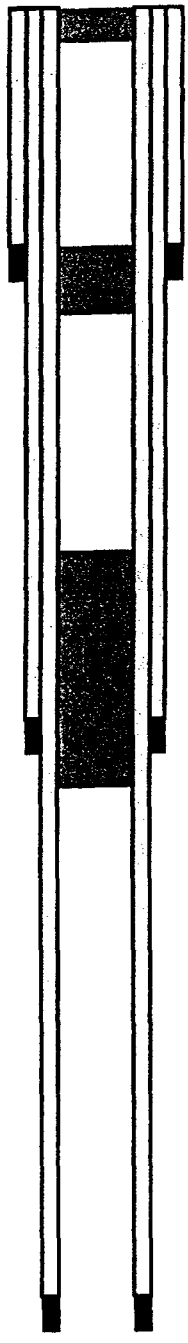
API Number: 30025 07339
P&A: 2/29/00
Datum: 3676

Casing Size: 12 1/2"
Depth: 225
Sxs cmt: 250

Casing Size: 9 5/8"
Depth: 2803
Sxs cmt: 450

Casing Size: 7"
Depth: 4134
Sxs cmt: 200

TD: 4180



Cmt Plug 0-30 15 sx

Cmt Plug 153-275 45 sx

Cmt Plug Top @ 1476 400 sx

Need P+A
Schematic on
Hardin #4

PtA

Schematic

State 11 #1

11-18-37

McKinley "A" #8
Shell Oil
Unit I, 2310 FSL & 1320 FEL
Sec 19, T-18-S, R-38-E

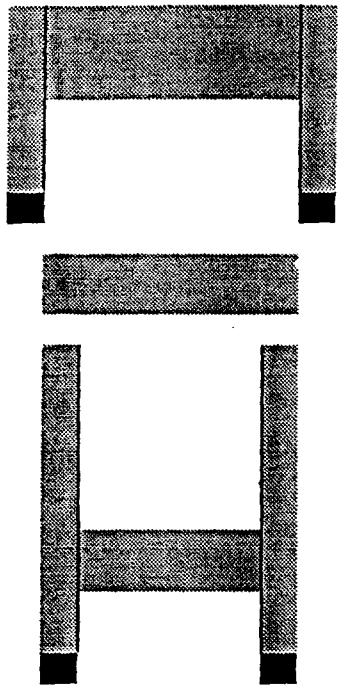
P&A'd: 4/17/63
DATUM:

Size: 12-1/2"
Weight: 50#
Depth: 240'
Hole Size:
Cmt:
TOC:

Size: 9-5/8"
Weight: 36#
Depth: 2800'
Hole Size:
Cmt:
TOC:

Size: 7"
Weight: 24#
Depth: 4000'
Hole Size:
Cmt:
TOC:

Size: 4-1/2" Liner
Weight:
Depth: 3850-4237'
Hole Size:
Cmt: 70 sxs
TOC:



10 sxs cmt plug at surface

25 sxs cmt plug, 70-105'

25 sxs cmt plug, 744-792'

Cut and pulled 9-5/8" csg from 1000'

25 sxs cement plug, 1600-1850

Cut and pulled 7" from 3195'
25 sxs cmt plug 3145-3275'

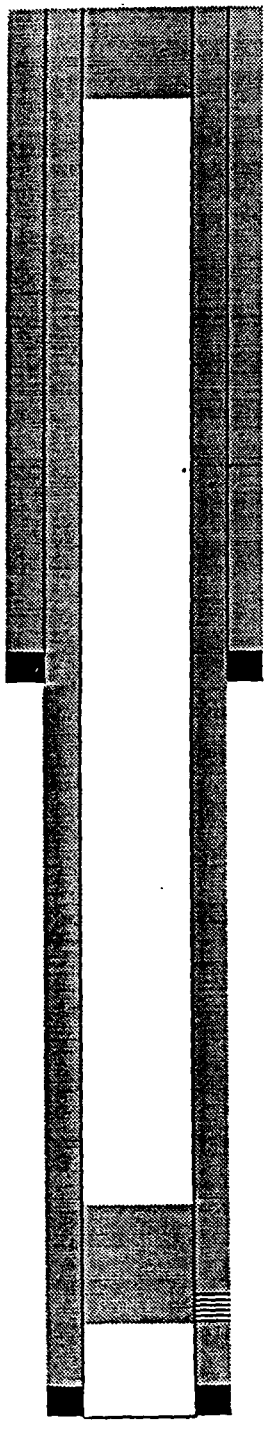
35 sxs cmt plug, 3740-3900'
Perfs: 3740-55, 59-94,
3799-3818, 20-30, 32-35, 37-41

TD: 4270

05/16/00

McKinley A 19 #1
Shell Oil
Unit J, 2310 FSL & 1650 FEL
Sec 19, T-18-S, R-38-E

P&A'd: 2/19/63
DATUM:



10 sxs cement plug at surface

Size: 13-3/8"
Weight:
Depth: 351'
Hole Size: 17"
Cmt: 350 sxs
TOC: Circ.

Size: 8-5/8"
Weight:
Depth: 4499'
Hole Size: 12.25"
Cmt: 2500 sxs
TOC: Circ.

50 sxs Plug 3225-3335'

Perfs 3260-3375'

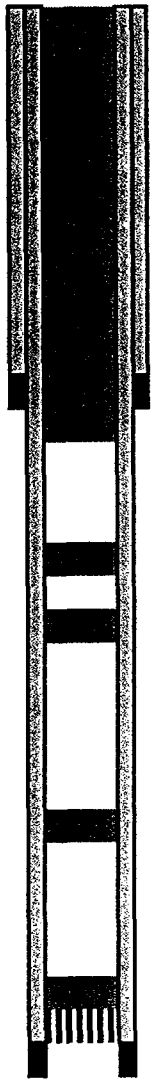
TD: 4499'

05/18/00

Oxy
NHGSU #431
Section 20-18s-38e

API Number: 30025 07386
P&A: 1/12/01
Datum: 3644

Casing Size: 8 5/8"
Depth: 275
Sxs cmt: 150



Perf	355	100 sx, circ cmt to surf
Perf	1790	Sqz 50 sx
Perf	2765	Sqz 50 sx

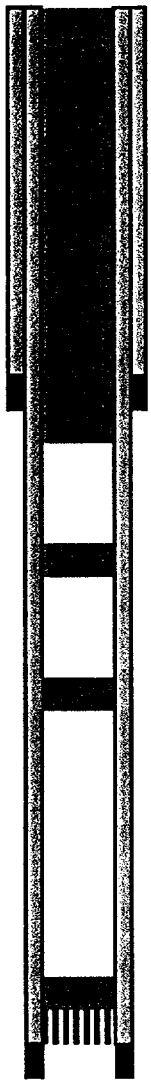
Casing Size: 5 1/2"
Depth: 4253
Sxs cmt: 200

CICR	3196	
Cmt Plug	CICR 3196	50 sx below 4 sx above
Cmt Plug	4037-4062	na
CIBP	4062	

TD: 4253

Oxy
NHGSU #421
Section 20-18s-38e

API Number: 30025 07388
P&A: 1/10/01
Datum:



Cmt Plug	0-35	5 sx
Cmt Plug	35-355	
Perf	355	circ 130 sx to surf
Perf	2000	Press to 1000# - held
Cmt Plug	1810-2058	25 sx
Perf	2810	Press to 1000# - held
Cmt Plug	2596-2874	25 sx
Cmt Plug	3853-4100	25 sx
CIBP	4100	

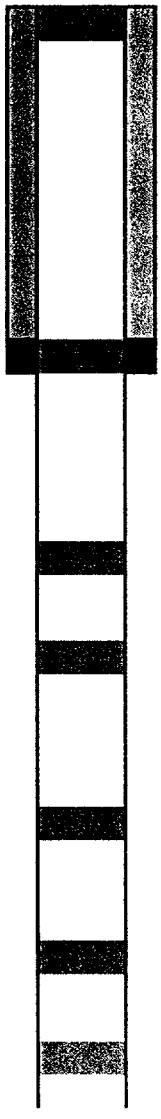
Casing Size: 8 5/8"
Depth: 302
Sxs cmt: 150

Casing Size: 5 1/2"
Depth: 4278
Sxs cmt: 215

TD: 4414

Moran
SM-20 # 1
Section 20-18s-38e

API Number: 30025 07374
P&A: 11/8/67
Datum:



	Plug Depth	Cmt Vol.
Cmt Plug	Surface	10 sx
Cmt Plug	Spot @ 300	20 sx
Cmt Plug	Spot @ 1700	20 sx
Cmt Plug	Spot @ 2800	30 sx
Cmt Plug	Spot @ 4200	25 sx
Cmt Plug	Spot @ 5575	25 sx
Cmt Plug	Spot @ 6000	20 sx

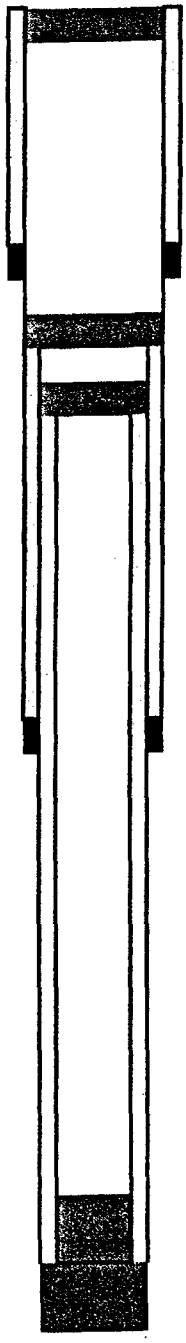
Casing Size: 8 5/8"
Depth: 305
Sx Cmt. 225

Casing Size:
Depth:
Sx Cmt.

TD: 6,175

Sun
McKinley B #1
Section 20-18s-38e

API Number: 30025 07380
P&A: 2/15/47
Datum:



Cmt Plug Surface 15 sx

Casing Size: 12 1/2"
Depth: 253
Sx cmt: 150

Pull 6 5/8" casing @ 900
Cmt Plug Spot @ 900 15 sx
Pull 5 1/2" casing @ 1110
Cmt Plug Spot @ 1110 15 sx

Casing Size: 6 5/8"
Depth: 4119
Sx cmt: 875

Casing Size: 5 1/2"
Depth: 7473
Sx cmt: 350

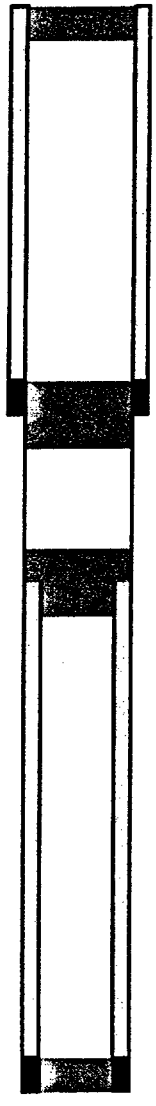
Cmt Plug 7328-7543 na Base of 5 1/2"

Cmt Plug 7543-8010 na in open hole

TD: 8010

Sweet
Bowers Federal #3
Section 20-18s-38e

API Number: 30025 07385
P&A: 1/1/60
Datum:



Cmt Plug Surface 10 sx

Casing Size: 10 3/4"
Depth: 250
Sxs cmt: 150

Cmt Plug 200-300 na

7" Shot and Pulled from 589

Cmt Plug Spot @ 589 25 sx

Casing Size: 7"
Depth: 4136
Sxs cmt: 600

TD: 4230

Cmt Plug Spot @ TD 25 sx

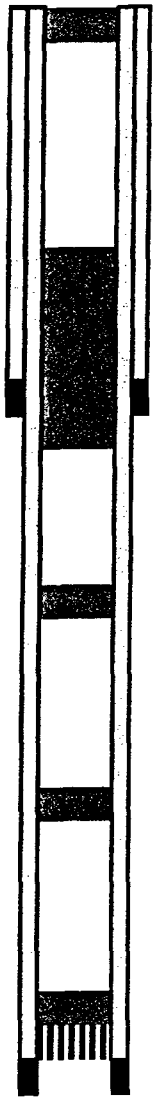
Altura
NHGSU #432
Section 20-18s-38e

API Number: 30025 07387
P&A: 12/19/97
Datum: 3655

Casing Size: 10 3/4"
Depth: 246
Sxs cmt: 150

Casing Size: 7"
Depth: 4050
Sxs cmt: 600

TD: 4050



Cmt Plug	0-32	10 sx
Perf	297	Sqz 60 sx
Cmt Plug	190-297	20 sx
Cmt Plug	1355-1640	
CICR	1550	Sqz 50 sx
Perf	1640	EPIR 2 bpm @ 950#
Cmt Plug	2357-2640	20 sx
CICR	2552	Sqz 50 sx
Perf	2640	EPIR 2 bpm @ 1050#
Cmt Plug	3927-3732	30 sx
CIBP	3932	

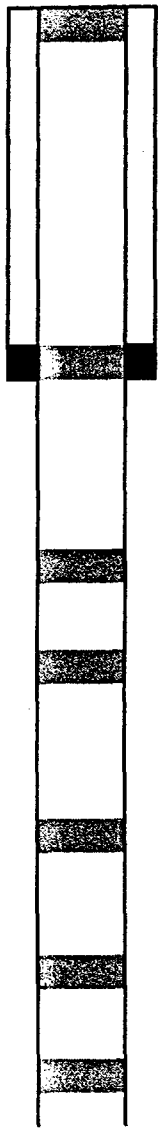
Moran
SM-20 # 1
Section 20-18s-38e

API Number: 30025 07374
P&A: 11/8/67
Datum:

Casing Size: 8 5/8"
Depth: 305
Sx Cmt. 225

Casing Size:
Depth:
Sx Cmt.

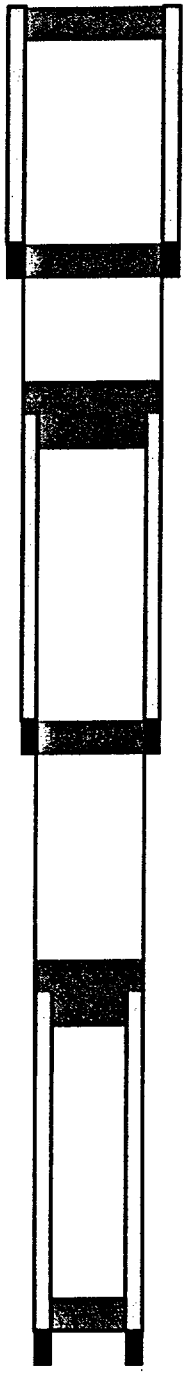
TD: 6,175



	Plug Depth	Cmt Vol.
Cmt Plug	Surface	10 sx
Cmt Plug	Spot @ 300	20 sx
Cmt Plug	Spot @ 1700	20 sx
Cmt Plug	Spot @ 2800	30 sx
Cmt Plug	Spot @ 4200	25 sx
Cmt Plug	Spot @ 5575	25 sx
Cmt Plug	Spot @ 6000	20 sx

Sweet
Bowers B #3
Section 20-18s-38e

API Number: 30025 07373
P&A: 9/1/49 & 4/1/59
Datum:



Cmt Plug Surface 10 sx

Casing Size: 15 1/2"
Depth: 250
Sx cmt: 225

Cmt Plug Spot @ 250 20 sx

Shot and pulled 9 5/8" @ 700'
Cmt Plug 650-750 50 sx

Casing Size: 9 5/8"
Depth: 2793
Sx cmt: 650

Cmt Plug Spot @ 2820 20 sx Base of 9 5/8"

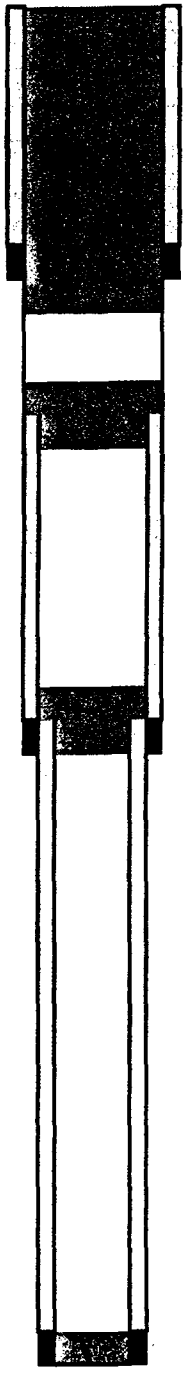
Shot and pulled 7" @ 3140
Casing Size: 7" Cmt Plug 3035-3190 50 sx
Depth: 4015
Sx cmt: 310

TD: 4225 Cmt Plug 3702-4186 100 sx

11

Humble
Boewer B #2
Section 20-18s-38e

API Number: 30025 07372
P&A: 7/1/46
Datum:



Cmt Plug 0-300 150 sx

Casing Size: 15 1/2"
Depth: 225
Sx cmt: 225

Shot and pulled 10 3/4"" @ 980'
Cmt Plug 980-780 50 sx

Casing Size: 10 3/4"
Depth: 2810
Sx cmt: 700

Shot and pulled 7" @ 2800
Cmt Plug 2500-2800 50 sx

Casing Size: 7"
Depth: 4050
Sx cmt: 300

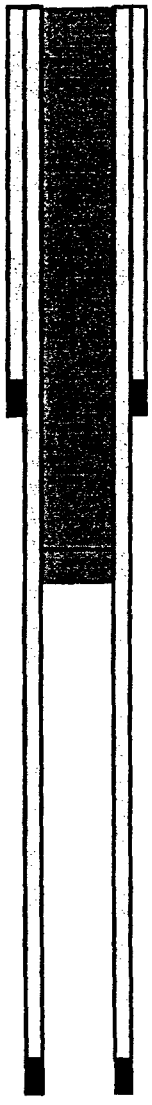
Cmt Plug 7328-7543 na Base of 5 1/2"

TD: 4247

Cmt Plug Spot @ TD 75 sx

Shell
Grimes #1
Section 20-18s-38e

API Number: 30025 07376
P&A: 1/1/52 & 2/4/82
Datum: 3647



Cmt Plug 0-552 225 sx

Casing Size: 12 1/2"
Depth: 229
Sxs cmt: 150

Cmt Plug 704-600 125 sx Tag @ 552

Casing Size: 7"
Depth: 4015
Sxs cmt: 550

TD: 4244

16

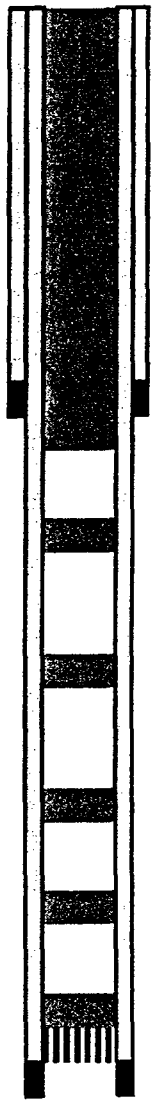
Oxy
NHGSU #121
Section 20-18s-38e

API Number: 30025 07378
P&A: 1/2/01
Datum:

Casing Size: 16"
Depth: 259
Sxs cmt: 225

Casing Size: 7"
Depth: 4054
Sxs cmt: 275

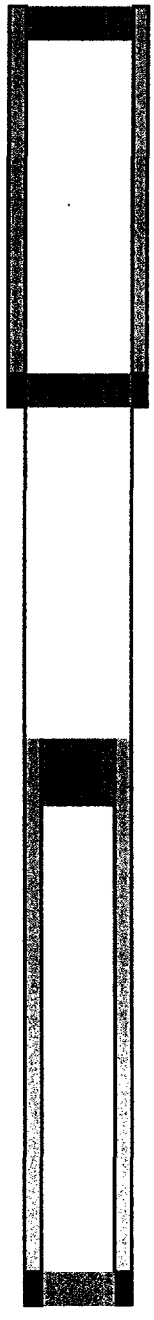
TD: 4241



Cmt Plug	0-365	80 sx
Perf	310	Press to 1000#-held
Hole in csg @ 500'		
CICR	500	Sqz 50 sx
Cmt Plug	470-550	
Perf	1815	Press to 1000#-held
Cmt Plug	1676-1870	30 sx
Perf	2750	Press to 1000#-held
Cmt Plug	2575-2850	40 sx
Cmt Plug	3790-3985	25 sx
Cmt Plug	4115-4150	na
CIBP	4150	

Morris Antweil
McKinley "B" #1-A
Section 20-18s-37e

API Number: 30025 07379
P&A: 11/8/60
Datum:



	Depth	Cmt Vol
Cmt Plug	Surface	10 sx
Cmt Plug	280	25 sx
Shot off casing @ 1270'		
Cmt Plug	1270	25 sx
Cmt Plug	T.D.	25 sx

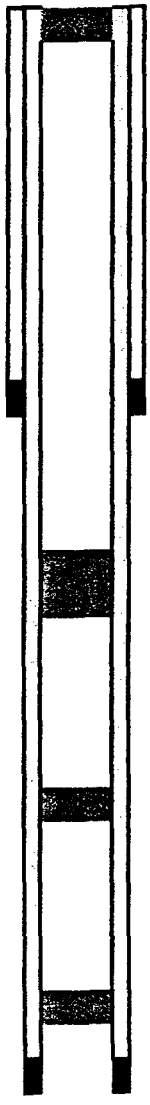
Casing Size: 10 3/4"
Depth: 278
Sx cmt 125

Casing Size: 7"
Depth: 4100
Sx cmt 350

TD: 4,100

Shell
NHGSU #331
Section 20-18s-38e

API Number: 30025 07381
P&A: 4/5/82
Datum: 3654



Cmt Plug Surface 5 sx

Casing Size: 8 5/8"
Depth: 252
Sxs cmt: 150

Cmt Plug 750-940 25 sx Tag @ 800
Cmt Plug 1080-880 25 sx Tag @ 940

Casing Size: 5 1/2"
Depth: 4130
Sxs cmt: 600

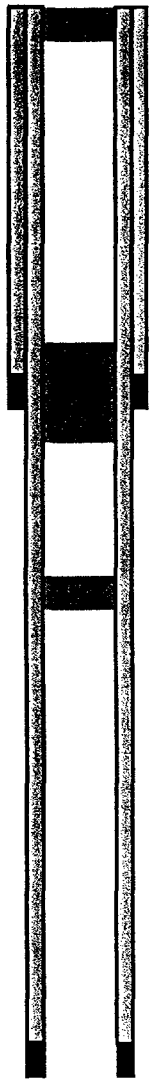
Cmt Plug 2990-2890 20 sx

Cmt Plug 3991-3891 20 sx

TD: 4202

Gulf
North Grimes #4
Section 21-18s-38e

API Number: 30025 07394
P&A: 2/8/49
Datum:



Cmt Plug Surface 10 sx

Cmt Plug 170-400 75 sx

Cmt Plug 1362-1141 60 sx

Casing Size: 13"
Depth: 247
Sxs cmt: 250

Casing Size: 7"
Depth: 4126
Sxs cmt: 1300

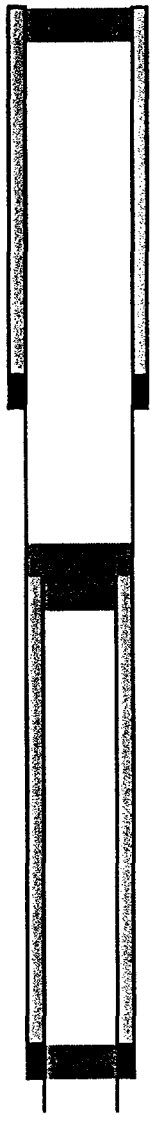
TD: 4126

Morris Antweil
Morris #1
Section 21-18s-38e

API Number: 30025 07389
P&A: 11/10/52
Datum:

	Depth	Cmt Vol
Cmt Plug	Surface	25 sx

Casing Size: 10 3/4"
Depth: 283
Sxs cmt: 150



25 sack plug at the top of shot-off casing.
Depth not specified.

Casing Size: 7"
Depth: 4100
Sxs cmt: 150

TD: 4,294

Cmt Plug	Spot @ 4100	25 sx

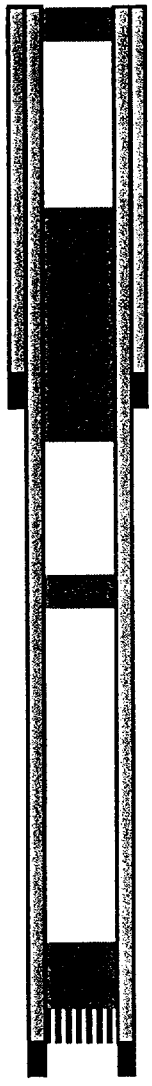
Altura
NHGSU #131
Section 21-18s-38e

API Number: 30025 07393
P&A: 1/24/00
Datum:

Casing Size: 13"
Depth: 295
Sxs cmt: 250

Casing Size: 7"
Depth: 4106
Sxs cmt: 1300

TD: 4235



	Depth	Cmt Vol	
Cmt Plug	0-30	10 sx	
Perf	350		
Cmt Plug	152-350	Sqz 170 sx up annulus to surf	
Perf	2000		
Cmt Plug	1875-2000	100 sx	Sqz perfs
Cmt Plug	Spot @ 3980	35 sx	
Cmt Plug	3988-4030	35 sx	
CIBP	4030		

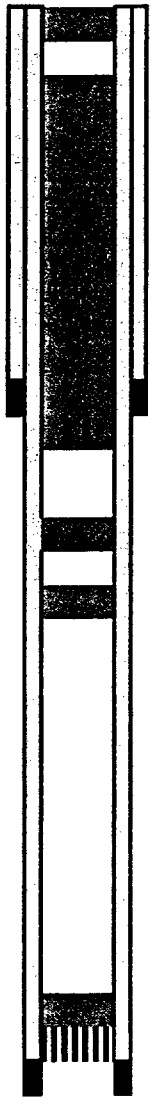
Altura
NHGSU #~~2044~~ 241
Section 21-18s-38e

API Number: 30025 07391
P&A: 1/26/00
Datum:

Casing Size: 13"
Depth: 281
Sxs cmt: 225

Casing Size: 7"
Depth: 4109
Sxs cmt: 1300

TD: 4225



	Depth	Cmt Vol
Cmt Plug	0-30	10 sx
Cmt Plug	98-335	30 sx
Cmt Plug	1793-2000	25 sx
Cmt Plug	2611-2810	25 sx
Cmt Plug	?-4148	35 sx
CIBP	4148	

Shell
State F #1
Section 23-18s-37e

API Number: 30025 05465
P&A: 10/15/57
Datum:

	Depth	Cmt Vol
Cmt Plug	Surface	5 sx
Cmt Plug	2860-2820	25 sx

Casing Size: 8 5/8"
Depth: 1592
Sx cmt 525

Casing Size: 4 1/2"
Depth: 4099
Sx cmt 130

TD: 4,099

Shell
N. Hobbs GSA Unit #121
Section 23-18s-37e

API Number: 30025 05462
P&A: 1/12/84
Datum:

	Depth	Cmt Vol
Cmt Plug	0-1800	210 sx
Cmt Plug	2850-2700	20 sx
Cmt Plug	3700-3400	35 sx

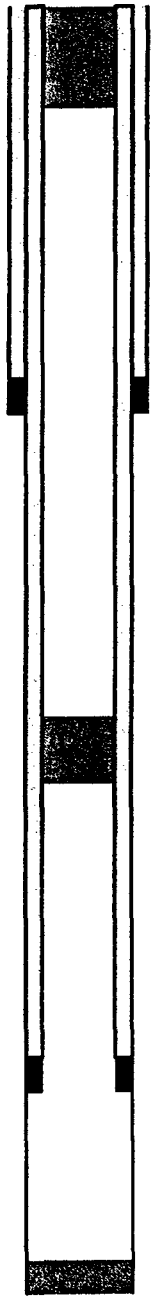
Casing Size: 8 5/8"
Depth: 321
Sx cmt 150

Casing Size: 5 1/2"
Depth: 4248
Sx cmt 425

TD: 4,248

Humble
NM State A #4
Section 25-18s-37e

API Number: 30025 05495
P&A: 8/22/48
Datum:



Cmt Plug: 0-100 25 sx

Casing Size: 8 5/8"
Depth: 252
Sxs cmt: 150

Casing Size: 5 1/2"
Depth: 3189
Sxs cmt: 1325

Cmt Plug 1500-1800 40 sx

TD: 4270

Cmt Plug 4240 25 sx

Altura Energy
State B-25 #1
Section 25-18s-37e

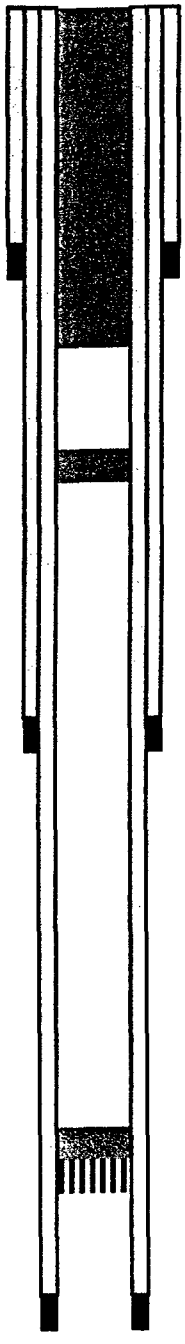
API Number: 30025 05489
P&A: 10/7/97
Datum: 3763

Casing Size: 15 1/2"
Depth: 214
Sxs cmt: 225

Casing Size: 9 5/8"
Depth: 2767
Sxs cmt: 600

Casing Size: 7"
Depth: 4026
Sxs cmt: 325

TD: 4225



Pump 400 sx down 7"
Circ 7" x 9 5/8" x 15 1/2" csg

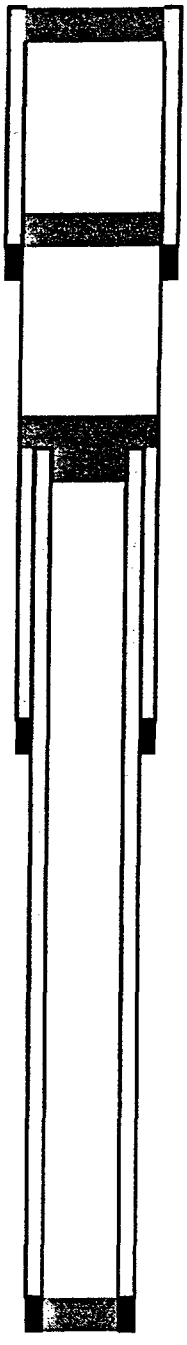
Perf 400

Cmt Plug 1655-1505 25 sx

Cmt Plug 3809-3656 25 sx
CIBP 3809

Humble
Staet A "3"
Section 25-18s-37e

API Number: 30025 05494
P&A: 3/18/47
Datum:



Cmt Plug: Surface 25 sx

Casing Size: 12 1/2"
Depth: 207
Sxs cmt: 250

Cmt Plug 190-160 25 sx

Cut and pulled 34 jts of 7" casing at 1000'
Cut and pulled 34 jts of 9 5/8"" casing at 1000'

Cmt Plug 1000-800 50 sx

Casing Size: 9 5/8"
Depth: 2823
Sxs cmt: 650

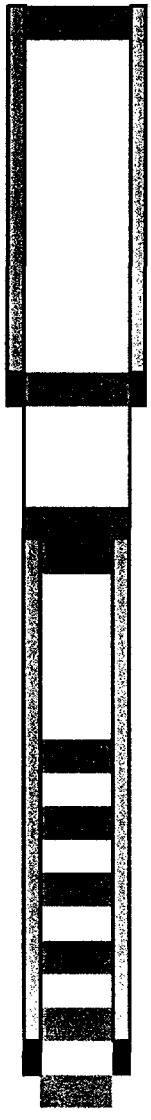
Casing Size: 7"
Depth: 4116
Sxs cmt: 350

TD: 4220

Cmt Plug 4220-4000 100 sx

Cactus Drilling
Pan Am State #1
Section 26-18s-37e

API Number: 30025 05508
P&A: 5/1/47
Datum:



	Depth	Cmt Vol
Cmt Plug	Surface	20 sx
Cmt Plug	330-225	na

Shot off and pulled 5 1/2" casing at 1560'

Cmt Plug	1400-1500	10 sx
Cmt Plug	2250-2000	na
Cmt Plug	3500-3250	na
Cmt Plug	3850-3700	na
Cmt Plug	3935-3869	na
Cmt Plug	4150-4090	na
Cmt Plug	4359-4300	na

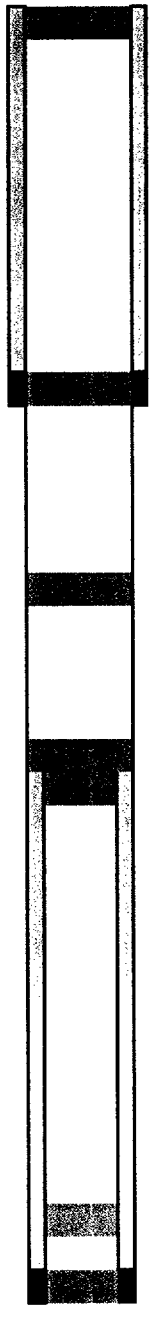
Casing Size: 8 5/8"
Depth: 300
Sx cmt 150

Casing Size: 5 1/2"
Depth: 4256
Sx cmt 450

TD: 4,358

Moran Oil
Gulf State #1
Section 26-18s-37e

API Number: 30025 05507
P&A: 6/18/65
Datum:



		Depth	Cmt Vol
Cmt Plug		Surface	10 sx
Cmt Plug		300	na
Cmt Plug		1700	25 sx
Shot off and pulled 4 1/2" casing at 2608'			
Cmt Plug		2600	25 sx
Cmt Plug		3550	20 sx
Cmt Plug		4000-4250	Sqz perfs

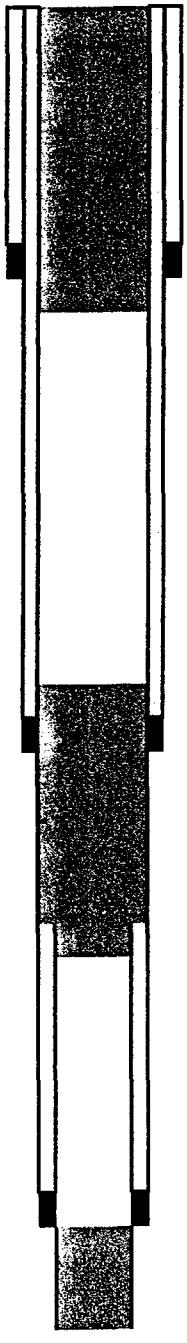
Casing Size: 8 5/8"
Depth: 337
Sx cmt 200

Casing Size: 4 1/2"
Depth: 4263
Sx cmt 250

TD: 4,268

Sinclair
Grimes #2
Section 28-18s-38e

API Number: 30025 07427
P&A: 5/18/59
Datum:



Cmt Plug 0-300 25 sx

Casing Size: 15 1/2"
Depth: 238
Sx cmt: 200

Casing Size: 10 3/4"
Depth: 2710
Sx cmt: 700

Cmt Plug 2350-3100 300 sx

Shot and pulled 6 5/8" @ 2958

Casing Size: 6 5/8"
Depth: 3974
Sx cmt: 250

Cmt Plug 3972-4243 100 sx in Open Hole

TD: 4,243

WELL SCHEMATIC:
XON BOWERS A FED #31

Sec 29

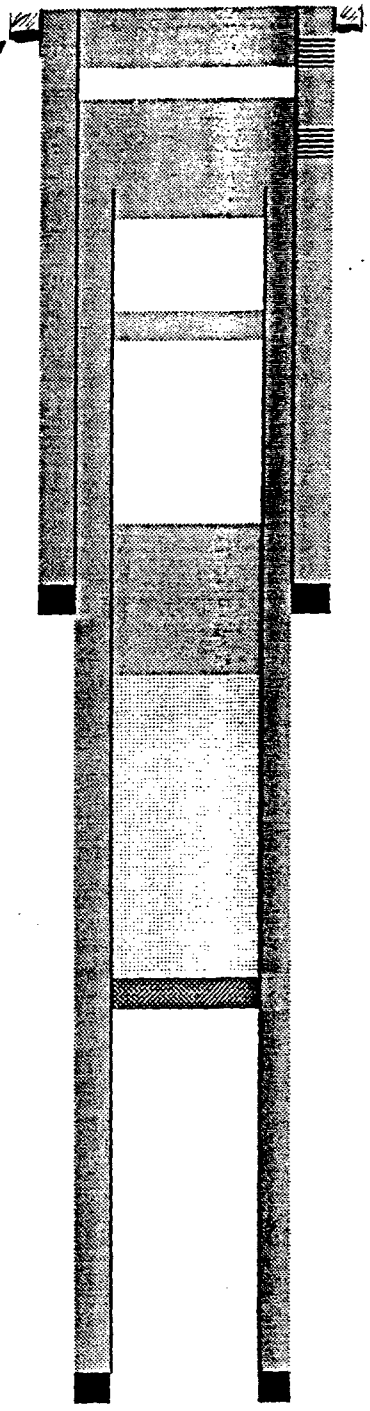
WELL PLUGGED:
8/30/90

11 3/4"
372'
300 sks

8 5/8"
3836'
500 SX
TOC:1858' CALC

5 ½"
7038'
650 SX
TOC:3125' CALC

TD: 7050'



Perf'd @ 450'. Pump 211 sx
Down 8 5/8" csg to surf.
Spot 77 sx from 1490-1200'
Perf'd at 1485'.
Cut off 5 ½" csg at 1500'.

Spotted 25 sx cmt plug at
2716'.

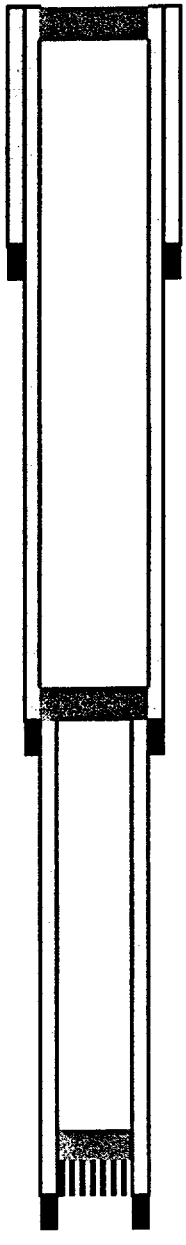
Spot 50 sx cmt from 4100' to
3600'.

Displaced hole with salt gel
Mud.

Tagged CIBP w/35' cmt cap
At 5710'.

ESH
Hobbs State #5
Section 29-18s-38e

API Number: 30025 23662
P&A: 5/11/73
Datum:



Cmt Plug 0-10 na

Casing Size: 9 5/8"
Depth: 364
Sx cmt: 200

Casing Size: 7"
Depth: 3826
Sx cmt: 200

Shot and pulled casing @ 3744'
Cmt Plug 3744-3644 25 sx

Casing Size: 4 1/2"
Depth: 5986
Sx cmt: 120

Cmt Plug 5722-5757 na
BP 5757

TD: 5,986

WELL SCHEMATIC:
EXXON BOWERS A FED #9

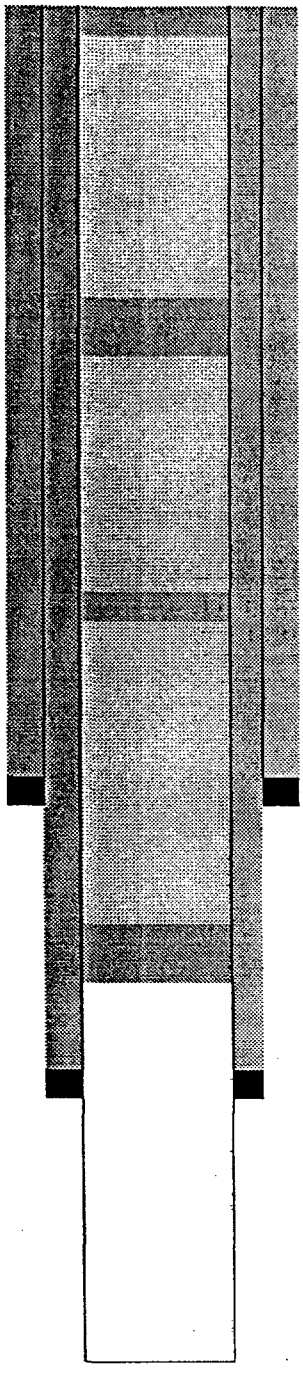
Sec 29

WELL PLUGGED:
12/3/70

9 5/8"
2736'
650 SX
TOC: SURF (C)

7"
3970'
300 SX
TOC: 2000(C)

TD: 4259'



Spotted 10 sx cmt plug from 0' to 25 '.

Hole was loaded with mud Laden fluids.

Spotted 20 sx cmt plug from 1400' to 1550'.

Spotted 40 sx cmt plug from 2300' to 2400'.

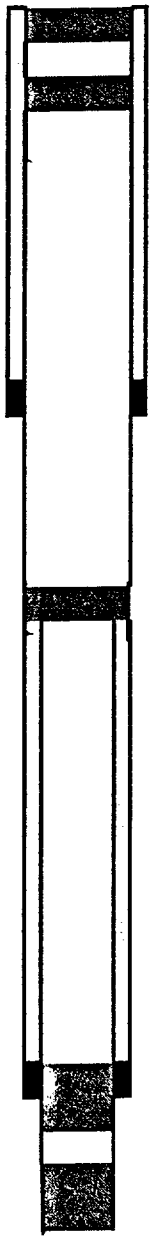
Spotted 50 sx cmt plug from 3000' to 3250'.

HUMBLE
Grimes #2
Section 29-18s-38e

API Number: 30025 07455
P&A: 3/23/48
Datum:

	Depth	Cmt Vol
Cmt Plug	0-70	25 sx
Cmt Plug	300-111	50 sx

Casing Size: 8 5/8"
Depth: 242
Sxs cmt: 150



Shot 5 1/2" casing @ 1263 and pulled
Left 1938' of 5 1/2" casing in hole

Cmt Plug	1300-1120	30 sx

Casing Size: 5 1/2"
Depth: 3205
Sxs cmt: 450

Cmt Plug	3496-3160	36 sx
Cmt Plug	4045-3780	32 sx

TD: 4,045

WELL SCHEMATIC:
EXXON BOWERS A FED #33

WELL PLUGGED:
10/3/72

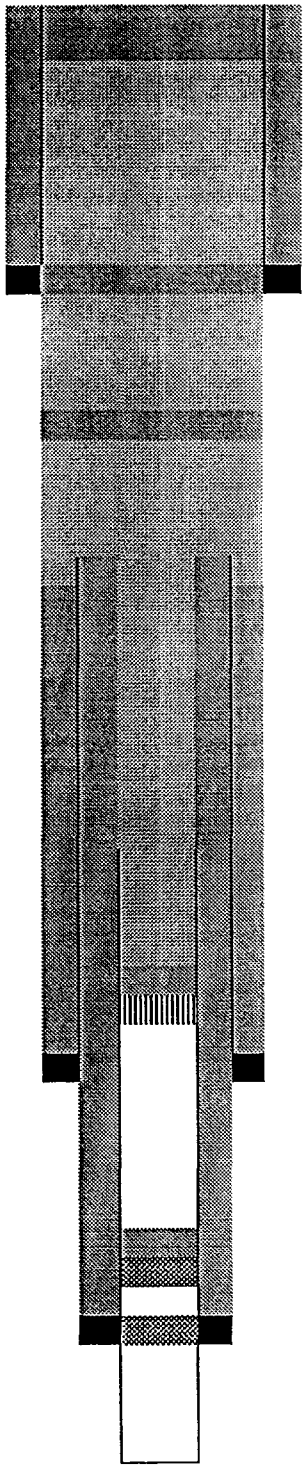
Size: 13 3/8"
Depth: 416'
Hole size: 17"
Cmt: 400 sxs
TOC: Circ. – Calc.
With 50% effic.

Size: 9 5/8"
Depth: 3836'
Hole size: 12.25"
Cmt: 350 sxs
TOC: 2555' T.S.

CIBP at 3970'

Size: 7"
Depth: 5988'
Hole size: 8.75"
Cmt: 550 sxs
TOC: 2900' – T.S.

TD: 6000'



Spot 20' cmt plug at surf

Spot 100' cmt plug at 416'

Run tbg to 1400' & spot 100' cmt plug

Cut & pull 9 5/8" csg from 1889'

Cut & pull 7" csg from 2560'

Spot 100' cmt on top of CIBP

Set CIBP at 5800' and Capped with cmt.

Set CIBP at 5900'.

Chevron
State 1-29 #1
Section 29-18s-38e

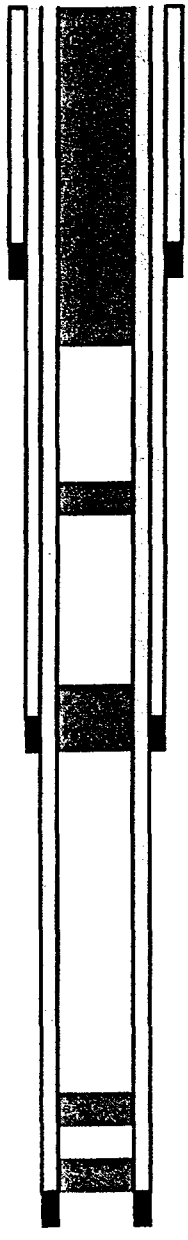
API Number: 30025 07442
P&A: 11/25/89
Datum:

Casing Size: 13 3/8"
Depth: 217
Sx cmt: 200

Casing Size: 9"
Depth: 2735
Sx cmt: 500

Casing Size: 6 5/8"
Depth: 3907
Sx cmt: 174

TD: 3,907



Cmt Plug	0-267		
Perf	267	6 5/8" & 9"	
Sqz perfs	267	170 sx	circ
CICR	1404		
Perf	1500	6 5/8"" & 9"	
Sqz perfs	1500	200 sx	
Perf	2681	6 5/8	
CICR	2681		
Sqz perfs	2685	55 sx	
Cmt Plug	2651-2681		
CICR	3060		
Cmt Plug	3025-3060	na	
Sqz Perfs	3138-3241	106 sx	

Shell
Grimes #5
Section 29-18s-38e

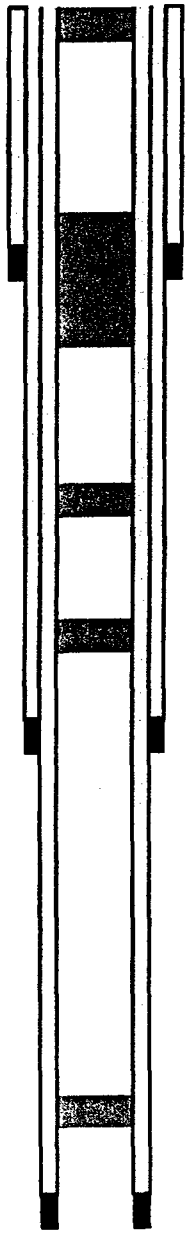
API Number: 30025 07460
P&A: 1/30/81
Datum: 3647

Casing Size: 12 1/2"
Depth: 214
Sx cmt: 250

Casing Size: 9 5/8"
Depth: 2715
Sx cmt: 600

Casing Size: 7"
Depth: 3911
Sx cmt: 400

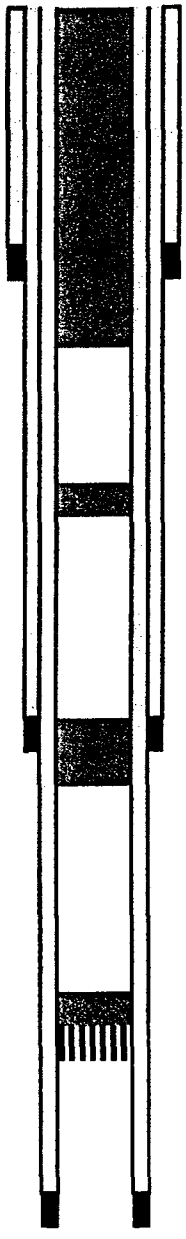
TD: 4,200



Cmt Plug	0-10	na
Cmt Plug	400-175	na
Cmt Plug	1072-972	na
Cmt Plug	1685-1585	na
Cmt Plug	3930-3830	na

Chevron
State 1-29 #2
Section 29-18s-38e

API Number: 30025 07443
P&A: 11/30/89
Datum: 3763



Left 7" casing full of cement

Casing Size: 13"
Depth: 1900
Sx cmt: 150

Perf	292	7" & 9 5/8"	circ to surf

Casing Size: 9 5/8"
Depth: 2810
Sx cmt: 725

CICR	1404		
Perf	1500	7" & 9 5/8"	Sqz w/ 300 sx

Perf	2852	Sqz w/55 sx
CICR	2744	
Cmt Plug	2719-2852	na

Casing Size: 7"
Depth: 3951
Sx cmt: 300

Cmt Plug	3037-3072	na
CIBP	3072	

TD: 4,171

Altura
NHGSU # 421
Section 29-18s-38e

API Number: 30025 07459
P&A: 9/22/00
Datum:

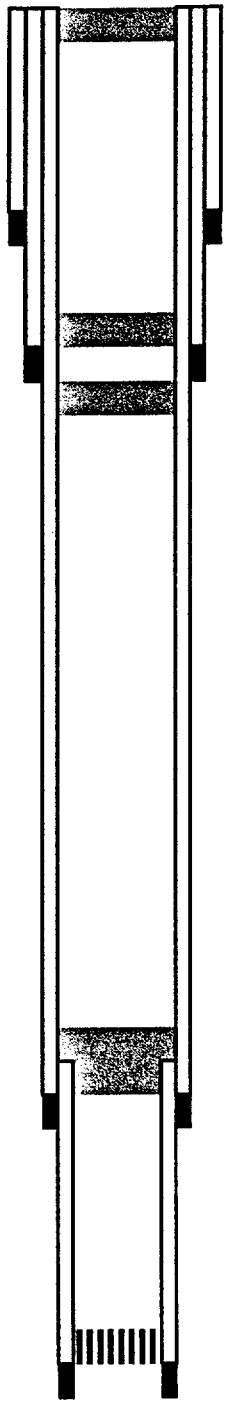
Casing Size: 12 1/2"
Depth: 220
Sxs cmt: 200

Casing Size: 9 5/8"
Depth: 2720
Sxs cmt: 600

Casing Size: 7"
Depth: 3880
Sxs cmt: 300

Casing Size: 5 1/2"
Depth: 3796-4236
Sxs cmt: 50

TD: 4176



Cmt Plug: 0-62 10 sx in 7" csg.

Squeeze 100 sx below ret. To surf on 7" x 9 5/8" csg. Stung out left 60 feet on top of ret.

Perf at 500 feet, set CICR at 308 feet

Cmt Plug: 1868-1748 20 sxs

Cmt Plug 2862-2742 20 sxs

Cmt Plug 3773-3722 20 sxs

CIBP 4100 40 sxs on top

Shell
Grimes #2
Section 29-18s-38e

API Number: 30025 07457
P&A: 1/19/82 - 3/2/82
Datum: 3650

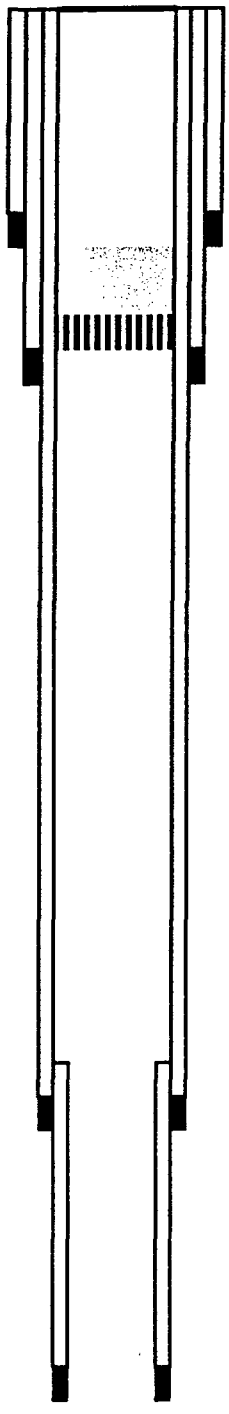
Casing Size: 151/2"
Depth: 218
Sxs cmt: 200

Casing Size: 9 5/8"
Depth: 2754
Sxs cmt: 600

Casing Size: 7"
Depth: 3880
Sxs cmt: 300

Casing Size: 5 1/2"
Depth: 3350-4176
Sxs cmt: 100

TD: 4176



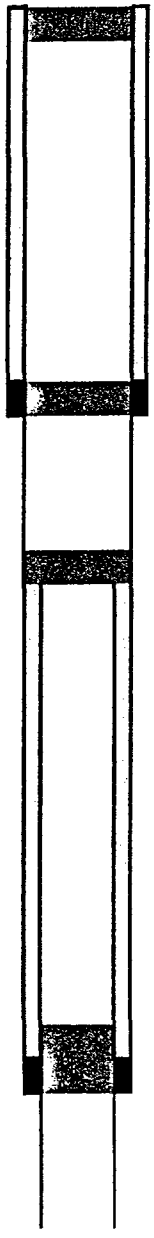
Weld on plat over 16" casing w/marker.

CO to 1150, tag top of cut off 9 5/8" @ 1200'.
Cmt Plug 1200 1535 sxs

Cmt Plug: 1361 2000 sxs
PBTD 1361

Getty
Grimes #1
Section 29-18s-38e

API Number: 30025 07456
P&A: 7/25/68
Datum: 3647



	Depth	Cmt Vol
Cmt Plug	Surface	10 sx
Cmt Plug	Base of 12 3/4"	25 sx
Shot and pulled 7" @ 787'		
Cmt Plug	787	25 sx
Cmt Plug	3500	25 sx
Cmt Plug	3599-3467	25 sx

Casing Size: 12 3/4"
Depth: 236
Sx cmt 200

Casing Size: 7"
Depth: 3826
Sx cmt 300sx

TD: 4,060

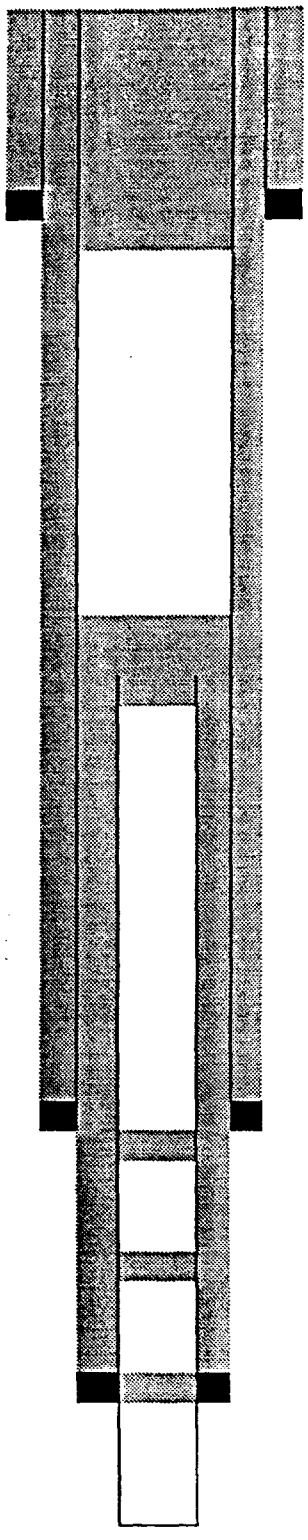
WELL PLUGGED:
12/21/71

15 ½"
235'
225 SX
TOC: NA

9 5/8"
2716'
650 SX
TOC: SURF (C)

7"
3987'
300 SX
TOC: 2027 (C)

TD: 4239



Set 120 sx cmt plug at 250'
And circulate.

Cut off 7" csg. at 1500' and
Pull out of hole. Pump 60 sx
Cmt plug at 1500'.

Set plug at 2800'.

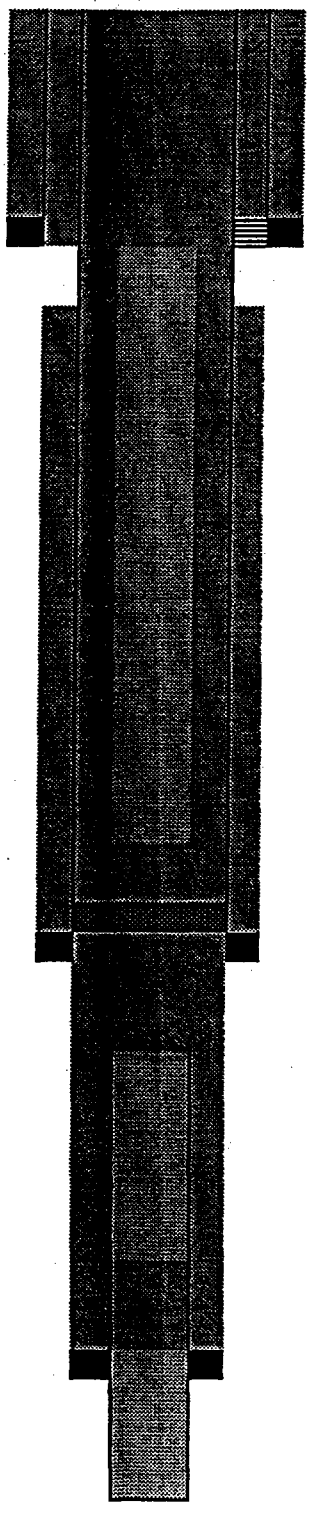
Spotted 25 sx cmt plug at
3355'.

Spotted 28 sx cmt plug at
3970'.

MARATHON STATE #4

WELL PLUGGED:
3/14/57

16"
260'
225 SX
TOC: SURF (C)



Perfd 9 5/8" csg at 255'. Circ 300 sx cmt to surf 9 5/8" x 16" csg annulus leaving 255' Cmt plug in top of 9 5/8" csg And 16" surf pipe.

Hole loaded with gel based Mud.

9 5/8"
2750'
500 SX
TOC: NA

Spotted 125' cmt plug from 2703' to 2578'.
Set cast iron cmt ret in 9 5/8" Csg at 2703' and sqzd 50 sx Cmt below cmt ret.

7"
3946'
350 SX
TOC: NA

Cut 7" csg at 3060' and Pulled same.

TD: 4215'

Spotted 312' cmt plug from 3602' to 3914'.

WELL SCHEMATIC:
EXXON BOWERS A FED #1

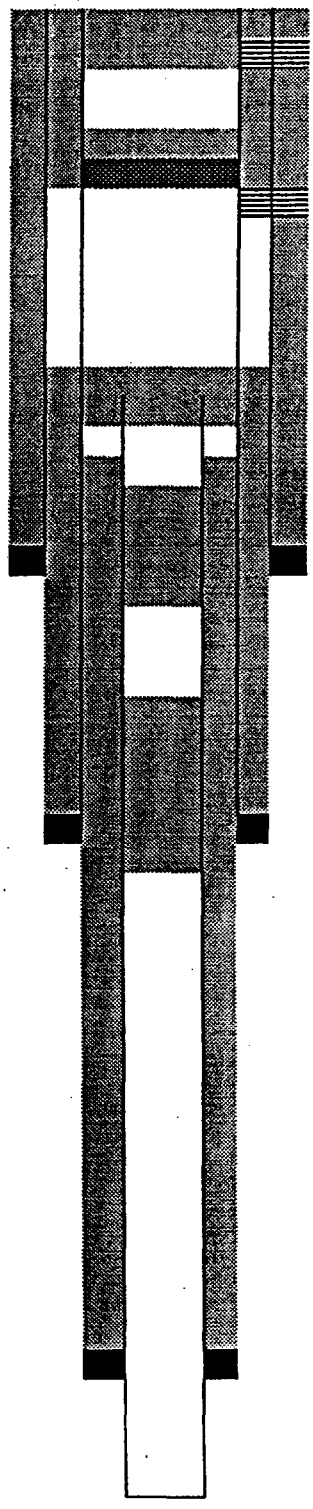
WELL PLUGGED:
11/15/89

9 5/8"
2750'
620 SX
TOC: NA

7"
3962'
528 SX
TOC: NA

4 ½"
6000'
275 SX
TOC: 2200 TS

TD: 6000'



Perf'd 7" & 9 5/8" csg at 280' & sqzd w/100 sx.

Dropped 54' cmt on top of ret

Perf'd 7" and 9 5/8" csg at 1350'. Set cmt ret at 1304'. Sqz'd w/100 sx thru perfs.

Spotted 25 sx cmt plug from 1911' to 2058'.
Cut 4 ½" csg at 2000' and Pull out of hole.
Spotted 20 sx cmt plug from 2470' to 2800'.

Spotted 40 sx cmt plug from 3430' to 4100'.

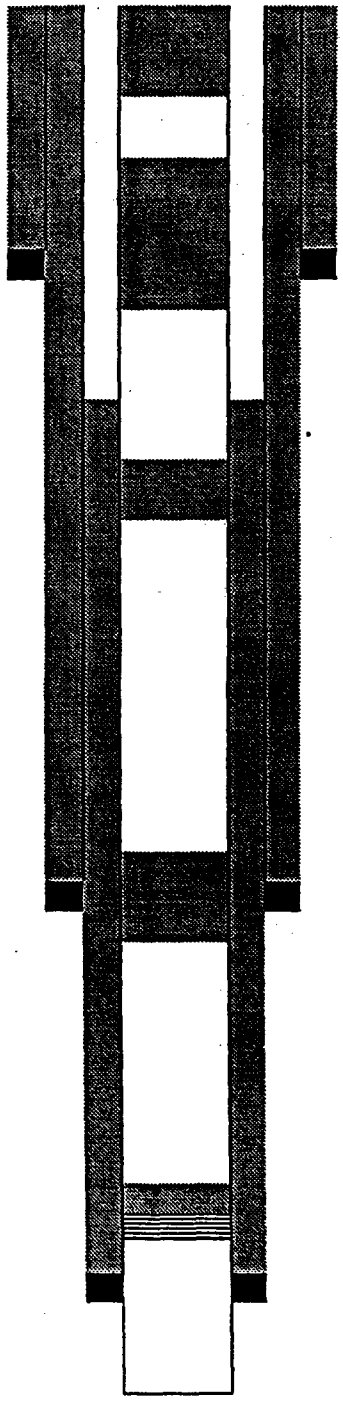
NHU 30-342
(Formally Bowers Fed. A #8)
Humble
Unit O, 440 FSL & 2320 FEL
Sec 30, T-18-S, R-38-E

P&A'd: 4/27/99
DATUM:3654 df

Size: 12-1/2"
Weight: 50#
Depth: 220'
Hole Size: 18"
Cmt: 210 sxs
TOC: Circ.

Size: 9-5/8"
Weight: 36#
Depth: 2750'
Hole Size: 12"
Cmt: 650 sxs
TOC: Circ.

Size: 7"
Weight: 26#
Depth: 3974'
Hole Size: 8-3/4"
Cmt: 300 sxs
TOC: 1144 CBL



10 sxs cmt plug 3-60'

35 sxs cmt plug 97-306'

25 sxs cmt plug, 1546-1713'

25 sxs cmt plug, 2696-2825'

25 sxs cmt plug 3676-3825'
CIBP w/ cmt @ 3825'

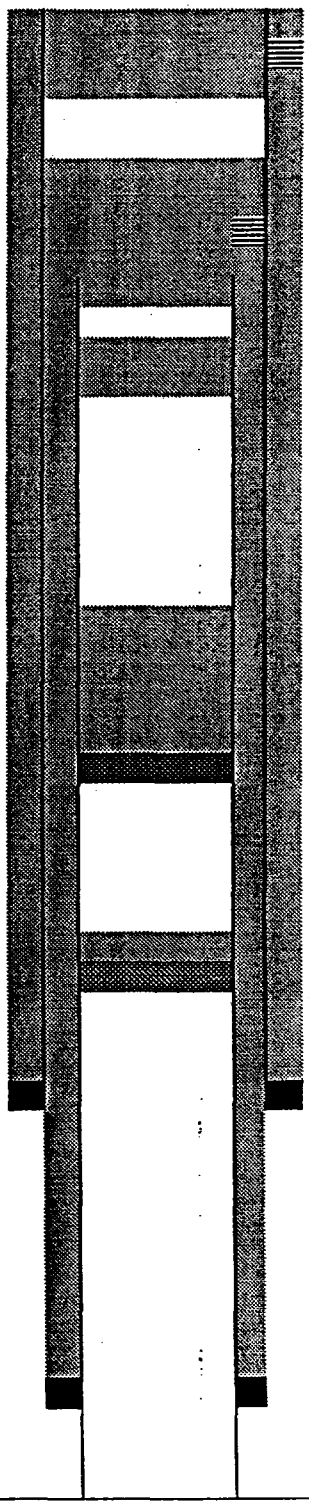
TD: 4268'

05/16/00

WELL SCHEMATIC:
XON BOWERS A FED #30

WELL PLUGGED:
8/4/90

8 5/8"
3836'
500 SX
TOC: 2300' TS



Perf'd 8 5/8" at 450'. Pumped 211 sx down 8 5/8" thru perfs At 450' and circulate.

Perf'd 8 5/8" csg at 1485'. Cut off 4 ½ csg at 1500'. Spotted 77 sx cmt plug from 1500' to 1385'.

Spotted 15 sx cmt plug from 2711' to 2528'.

Spotted 70 sx cmt plug from 4632' to 3364'.

Cmt. ret. at 4632' – sqz with 25 sx.

CIBP at 5300' w/ 35' cmt cap.

4 ½"
5988'
550 SX
TOC: 2800' TS

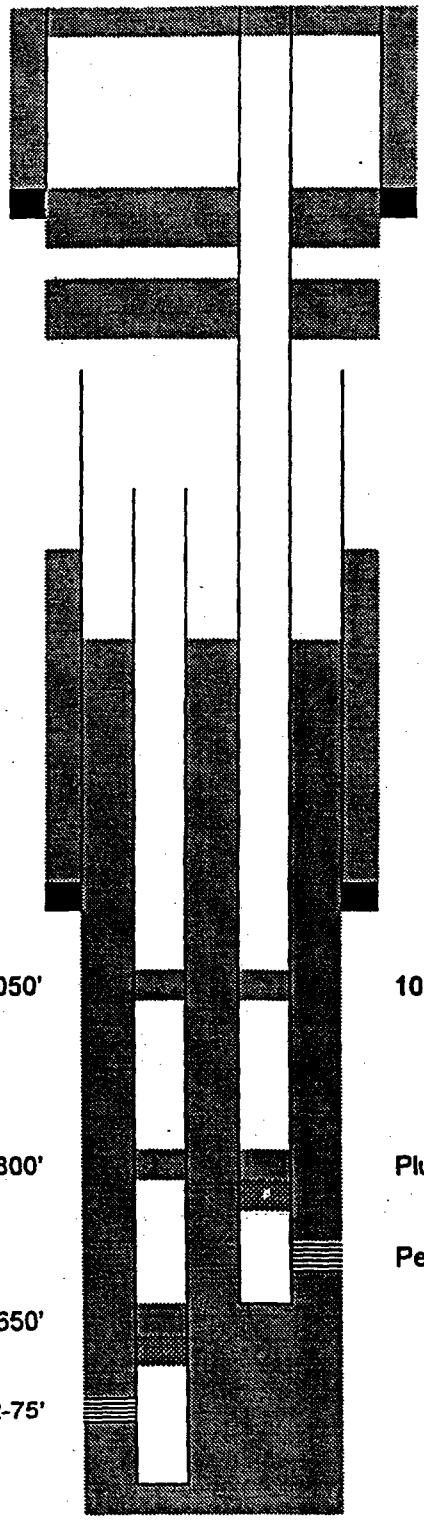
TD: 6000'

#37

WELL SCHEMATIC - Exxon Bowers A Federal #34

Sec 30

Well plugged 9/26/72



20' cmt. Plug at surface.

13-3/8"
401'
600 sxs
TOC: Circ.

100' cmt plug at 13-3/8 csg shoe

100 ' cmt plug at 1400'

9-5/8 casing cut off at 1750'

Cut one 3-1/2" strings off at 2250'

9-5/8" TOC: 2400'

Cmt top inside 9-5/8" at 2600'

9-5/8"
3850'
550 sxs

100' cmt plug at 4050'

100' cmt plug at 4050'

100' cmt plug at 5800'

Plug w/ 100' cmt at 5694'

Perfs: 5848-98'

Plug w/ 100' cmt at 6650'

Perfs: 6932-75'

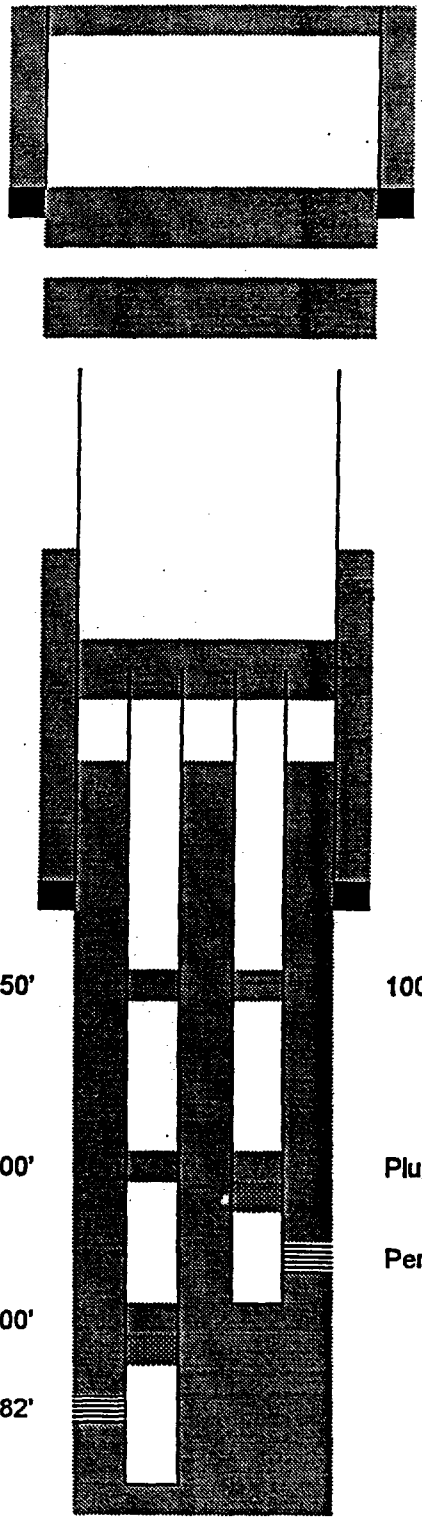
TD:7010'

05/16/00

37

WELL SCHEMATIC - Exxon Bowers A Federal #32

Well plugged 9/14/72



20' cmt. Plug at surface.

13-3/8"
401'
600 sxs
TOC: Circ.

100' cmt plug at 13-3/8 csg shoe

100 ' cmt plug at 1400'

9-5/8 casing cut off at 1800'

9-5/8" TOC: 2250'

Both 3-1/2" strings cut off at 2700' and capped with 100' of cmt.

Cmt top inside 9-5/8" at 2900'

9-5/8"
3850'
550 sxs

100' cmt plug at 4050'

100' cmt plug at 4050'

100' cmt plug at 5800'

Plug w/ 100' cmt at 5694'

Perfs: 5825-5964'

Plug w/ 100' cmt at 6200'

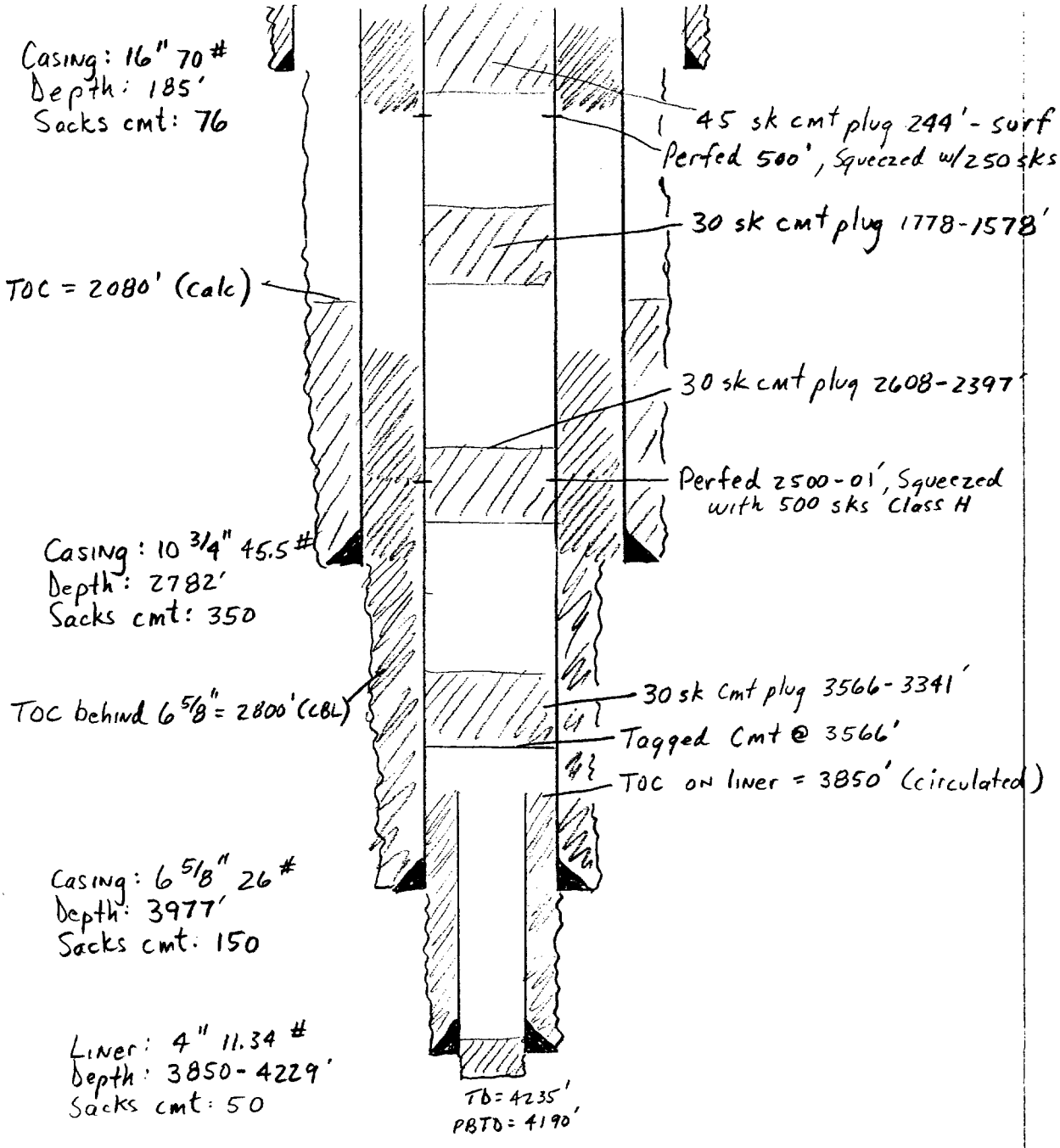
Perfs: 6974-82'

TD:7075'

05/16/00

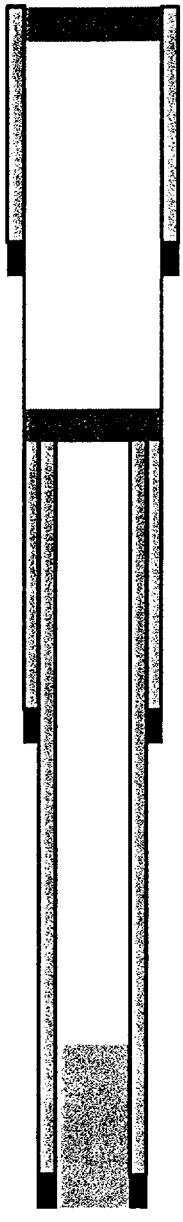
Altura Energy
South Hobbs (GB/SA) Unit #12

API Number: 30025 07625
P&A: 12-30-97
Datum: 3629' DF



Gulf
West Grimes #6
Section 32-18s-38e

API Number: 30025 07524
P&A: 4/19/52
Datum: 3676



Cmt Plug 0-50 50 sx

Casing Size: 13 5/8"
Depth: 213
Sx cmt: 200

Shot and pulled 6 5/8" casing @ 969'
Shot and pulled 9 5/8" casong @ 978'

Casing Size: 9 5/8"
Depth: 2765
Sx cmt: 600

Cmt Plug 1050-950 53 sx

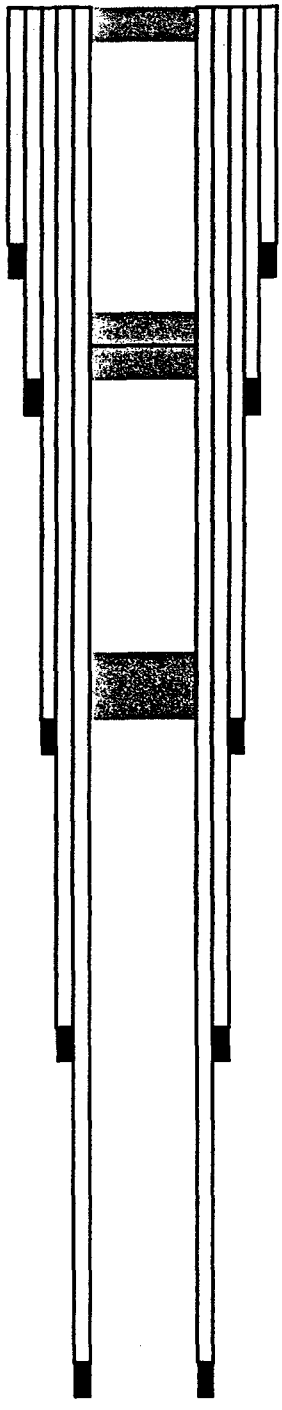
Casing Size: 6 5/8"
Depth: 4134
Sx cmt: 400

CICR 3098 Sqz below CICR
Cmt Plug 3030-TD 35 sx

TD: 4,166

Ohio Oil
State Northrup # 1
Section 32-18s-38e

API Number: 30025 07535
P&A: 7/21/58
Datum:



Casing Size: 20"
Depth: 98
Sxs cmt: 100

Casing Size: 12 1/2"
Depth: 1482
Sxs cmt: 175

Casing Size: 10 3/4"
Depth: 2776
Sxs cmt: 200 sx

Casing Size: 7"
Depth: 3850
Sxs cmt: 275

Casing Size: 5"
Depth: 3244
Sxs cmt: 500*
*circ to surf

TD: 4175

Cmt Plug: 0-50 5 sx

Circ cmt to surf in 10 3/4"-12 1/2" casing annulus

Cmt Plug 350-400 na
Perf 5", &', & 10 3/4" @ 400'
Sqz perfs w/110 sx

Perf 5", &', & 10 3/4" @ 1000'
Sqz Perfs 160 sx
Cmt Plug 600-1000 40 sx

Cmt Plug 3227-2603 55

46

Shell
NHGSU #311
Section 32-18s-38e

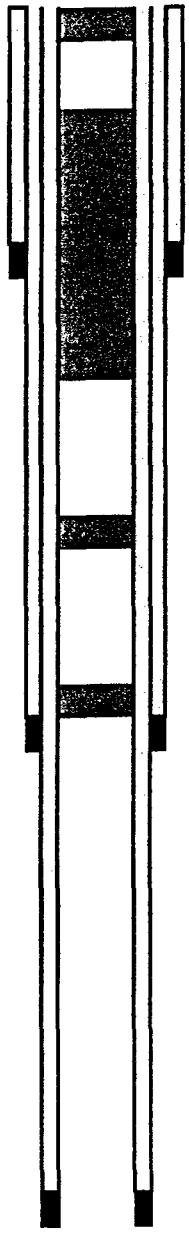
API Number: 30025 07515
P&A: 4/19/84
Datum: 4160

Casing Size: 12 1/2"
Depth: 207
Sx cmt: 200

Casing Size: 9 5/8"
Depth: 2739
Sx cmt: 425

Casing Size: 7"
Depth: 3938
Sx cmt: 350

TD: 4,160



Cmt Plug	0-70	na
Cmt Plug		230 sx
Perf	500	
Cmt Plug	circ to surf between 7" & 9 5/8"	
Perf	1580	
Cmt Plug	1417-1580	200 sx
Cmt Plug	2460-2560	20 sx

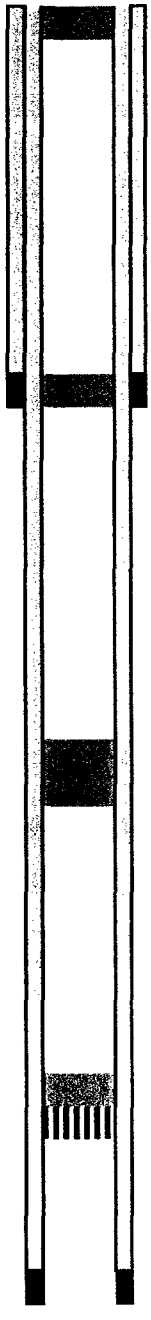
Morrison
State D #1
Section 36-18s-37e

API Number: 30025 22753
P&A: 10/27/70
Datum: 3654

Casing Size: 7"
Depth: 1555
Sx cmt 400

Casing Size: 4 1/2"
Depth: 4275
Sx cmt 300

TD: 4,275



	Depth	Cmt Vol
Cmt Plug	0-15	10 sx
Cmt Plug	1480-1560	25 sx
Cmt Plug	2620-2700	25 sx
Cmt Plug CIBP	3975-3995 3995	na

STATEMENT OF RANDY STILWELL
GEOLOGIST FOR THE NORTH HOBBS UNIT

I have examined the available geologic and engineering data and find no evidence of open faults or any other hydrological connection between the proposed injection interval and any source of drinking water.

Randy Stilwell

RANDY STILWELL, GEOLOGIC ADVISOR

8-7-01

DATE

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Water Analysis

Company.... Nalco/Exxon Energy Chemicals
Well # .... WIS DISCHARGE PUMP
Lease..... ALTURA NHU
Location...
Date Run... 11/08/1999
Lab Ref #.. 99-NOV-N05126

Sample Temp... 70.0
Date Sampled.. 11/05/1999
Sampled by.... Mike Athey
Employee # ... 27-008
Analyzed by... DANIEL

Dissolved Gasses

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		486.00	16.00	30.38
Carbon Dioxide	(CO2)	Not Analyzed			
Dissovled Oxygen	(O2)	Not Analyzed			

Cations

Calcium	(Ca++)		804.00	20.10	40.00
Magnesium	(Mg++)		195.20	12.20	16.00
Sodium	(Na+)		3,459.66	23.00	150.42
Barium	(Ba++)	Not Analyzed			
Manganese	(Mn++)	Not Analyzed			

Anions

Hydroxyl	(OH-)	Not Analyzed			
Carbonate	(CO3=)		0.00	30.00	0.00
Bicarbonate	(HCO3-)		1,869.66	61.10	30.60
Sulfate	(SO4=)		1,700.00	48.80	34.84
Chloride	(Cl-)		5,005.50	35.50	141.00

Total Iron	(Fe)		0.30	18.60	0.02
Total Dissolved Solids			13,520.32		
Total Hardness As CaCO3			2,810.32		
Conductivity MICROMHOS/CM			23,500		

pH 6.500 Specific Gravity 60/60 F. 1.009

CaSO4 Solubility @ 80 F. 46.63 MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index	
70.0	0.190
80.0	0.310
90.0	0.530
100.0	0.530
110.0	0.790
120.0	0.790
130.0	1.090
140.0	1.090
150.0	1.370

Laboratory Services, Inc.
4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis

COMPANY Altura Energy Ltd,

SAMPLE Fresh Water Well For Well 30-121
SAMPLED BY

DATE TAKEN 5/10/00
REMARKS T18S-R38E-Sec 30, Qtr Sec 1,4,2

Barium as Ba	0	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	184	
pH at Lab	7.42	
Specific Gravity @ 60°F	1.001	
Magnesium as Mg	128	
Total Hardness as CaCO3	220	
Chlorides as Cl	42	
Sulfate as SO4	75	
Iron as Fe	0	
Potassium	0.08	
Hydrogen Sulfide	0	
Rw	12.1	23.0 C
Total Dissolved Solids	544	
Calcium as Ca	92	
Nitrate	11	

Results reported as Parts per Million unless stated

Langelier Saturation Index - 0.33

Analysis by: Rolland Perry
Date: 5/14/00

Laboratory Services, Inc.
4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis

COMPANY Altura Energy Ltd,

SAMPLE Fresh Water Well For Wells 33111 & 28131
SAMPLED BY

DATE TAKEN 5/9/00
REMARKS T18S-R38E-Sec 29, Qtr Sec. 4,2,1

Barium as Ba	0	
Carbonate alkalinity PPM	40	
Bicarbonate alkalinity PPM	216	
pH at Lab	7.63	
Specific Gravity @ 60°F	1	
Magnesium as Mg	174	
Total Hardness as CaCO3	300	
Chlorides as Cl	155	
Sulfate as SO4	115	
Iron as Fe	0.1	
Potassium	0.09	
Hydrogen Sulfide	0	
Rw	9.4	@ 25° C
Total Dissolved Solids	850	
Calcium as Ca	126	
Nitrate	7.5	

Results reported as Parts per Million unless stated

Langelier Saturation Index 0.05

Analysis by: Vickie Walker
Date: 6/6/00

Laboratory Services, Inc.
4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis

COMPANY Altura Energy Ltd,

SAMPLE Fresh Water Well For Well 28131
SAMPLED BY

DATE TAKEN 6/1/00
REMARKS T18S-R38E-Sec 28, Qtr Sec. 1,1,1

Barium as Ba	0	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	204	
pH at Lab	7.1	
Specific Gravity @ 60°F	1	
Magnesium as Mg	158	
Total Hardness as CaCO3	272	
Chlorides as Cl	127	
Sulfate as SO4	110	
Iron as Fe	0	
Potassium	0.07	
Hydrogen Sulfide	0	
Rw	9.5	@ 25° C
Total Dissolved Solids	730	
Calcium as Ca	114	
Nitrate	7.9	

Results reported as Parts per Million unless stated

Langelier Saturation Index + 0.55

Analysis by: Vickie Walker
Date: 6/5/00

Laboratory Services, Inc.
4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis

COMPANY Altura Energy Ltd,

SAMPLE Fresh Water Well For Well 19-231
SAMPLED BY

DATE TAKEN 5/10/00
REMARKS T18S-R38E-Sec 19, Qtr Sec. 4,3,2

Barium as Ba	0
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	228
pH at Lab	7.3
Specific Gravity @ 60°F	1.001
Magnesium as Mg	169
Total Hardness as CaCO3	292
Chlorides as Cl	64
Sulfate as SO4	100
Iron as Fe	0
Potassium	0.09
Hydrogen Sulfide	0
Rw	11.8
Total Dissolved Solids	715
Calcium as Ca	123
Nitrate	12.8

Results reported as Parts per Million unless stated

Langelier Saturation Index - 0.25

Analysis by: Rolland Perry
Date: 5/14/00

North Hobbs Unit CO2 Project

Phase 1 Injection Well List

Well	Footage Location	Section	Township	Range	Current Status	CO2 Status 1	Status 2
121	1980' FNL & 660' FWL	13	18S	37E	TA Prod		
141	660' FSL & 660' FWL	13	18S	37E	TA Inj		
221	1980' FNL & 1980' FWL	13	18S	37E	TA Inj		
241	660' FSL & 1980' FWL	13	18S	37E	TA Prod	Producer	
341	660' FSL & 1980' FEL	13	18S	37E	Producer		
441	330' FSL & 330' FEL	13	18S	37E	Producer		
321	2310' FNL & 1650' FEL	14	18S	37E	TA Inj		
341	660' FSL & 1650' FEL	14	18S	37E	TA Prod		
342	330' FSL & 2310' FEL	18	18S	38E	TA Prod		
112	990' FNL & 990' FWL	19	18S	38E	Injector		
142	1200' FSL & 1300' FWL	19	18S	38E	Injector		
231	2310' FSL & 2310' FWL	19	18S	38E	Injector		
232	2501' FSL & 1410' FWL	19	18S	38E	Producer		
311	1309' FNL & 2310' FEL	19	18S	38E	TA Prod		
332	1430' FSL & 2535' FEL	19	18S	38E	Injector	Producer	Injector
411	1300' FNL & 1300' FEL	19	18S	38E	TA Prod		
431	1650' FSL & 990' FEL	19	18S	38E	Injector	Injector	
233	1610' FSL & 1850' FWL	20	18S	38E	TA Prod	Injector	
321	1650' FNL & 1650' FEL	23	18S	37E	TA Prod		
341	990' FSL & 1650' FEL	23	18S	37E	TA Prod		
121	1650' FNL & 990' FWL	24	18S	37E	TA Prod		
141	1315' FSL & 1315' FWL	24	18S	37E	Producer		
212	1263' FNL & 2605' FWL	24	18S	37E	Injector	Producer	
331	1320' FSL & 1325' FEL	24	18S	37E	Producer		
411	990' FNL & 990' FEL	24	18S	37E	Producer		
413	1200' FNL & 206' FEL	24	18S	37E	Injector	Producer	
414	10' FNL & 1280' FEL	24	18S	37E	Producer		
431	990' FSL & 330' FEL	24	18S	37E	Producer		
432	2741' FSL & 1286' FEL	24	18S	37E	Injector	Producer	
442	1260' FSL & 200' FEL	24	18S	37E	Injector	Producer	
121	1650' FNL & 990' FWL	25	18S	37E	TA Inj		
341	660' FSL & 1650' FEL	25	18S	37E	TA Inj		
411	330' FNL & 330' FEL	25	18S	37E	Producer		
422	1550' FNL & 1300' FEL	25	18S	37E	Injector		
221	1910' FNL & 1650' FWL	28	18S	38E	Injector	Injector	
231	1325' FSL & 1325' FWL	28	18S	38E	Injector	Injector	
122	1600' FNL & 180' FWL	29	18S	38E	Injector	Producer	Injector
132	1623' FSL & 1218' FWL	29	18S	38E	Injector	Injector	
141	330' FSL & 330' FWL	29	18S	38E	Injector	Injector	
222	1370' FNL & 850' FWL	29	18S	38E	Injector	Injector	
241	330' FSL & 2310' FWL	29	18S	38E	Injector	Injector	
242	100' FSL & 1400' FWL	29	18S	38E	Producer	Injector	
321	2310' FNL & 1650' FEL	29	18S	38E	Producer	Injector	
331	1650' FSL & 1650' FEL	29	18S	38E	Injector	Injector	
342	1230' FSL & 2500' FEL	29	18S	38E	Injector	Injector	
411	990' FNL & 990' FEL	29	18S	38E	TA Inj	Injector	
442	1230' FSL & 220' FEL	29	18S	38E	Injector	Injector	
112	200' FNL & 1310' FWL	30	18S	38E	Injector	Producer	
113	1310' FNL & 195' FWL	30	18S	38E	Producer		
222	1470' FNL & 1395' FWL	30	18S	38E	Injector		

223	1770' FNL & 2405' FWL	30	18S	38E	Injector	Producer	Injector
232	1400' FSL & 1370' FWL	30	18S	38E	Injector		
233	2455' FSL & 1480' FWL	30	18S	38E	Injector	Producer	
312	520' FNL & 1448' FEL	30	18S	38E	Producer	Injector	
313	405' FNL & 2272' FEL	30	18S	38E	Injector	Injector	
331	2335' FSL & 2310' FEL	30	18S	38E	Producer	Injector	
332	2470' FSL & 1600' FEL	30	18S	38E	Injector	Injector	
333	1400' FSL & 2430' FEL	30	18S	38E	Injector	Producer	
422	1520' FNL & 1300' FEL	30	18S	38E	Injector	Injector	
432	2260' FSL & 178' FEL	30	18S	38E	Injector	Injector	
442	1300' FSL & 1050' FEL	30	18S	38E	Injector	Injector	
443	1300' FSL & 160' FEL	30	18S	38E	Injector	Injector	
444	215' FSL & 1225' FEL	30	18S	38E	Producer	Injector	
121	1980' FNL & 990' FWL	31	18S	38E	TA Prod	Injector	
312	1262' FNL & 1520' FEL	31	18S	38E	Injector	Injector	
112	1370' FNL & 330' FWL	32	18S	38E	Injector	Injector	
131	2310' FNL & 330' FWL	32	18S	38E	Producer	Injector	
222	1720' FNL & 1370' FWL	32	18S	38E	Injector	Injector	
223	2630' FNL & 1420' FWL	32	18S	38E	Injector	Producer	Injector
312	210' FNL & 1400' FEL	32	18S	38E	Injector	Producer	Injector
321	1650' FNL & 2310' FEL	32	18S	38E	Injector	Producer	Injector
323	1370' FNL & 1400' FEL	32	18S	38E	Injector	Injector	
422	1385' FNL & 110' FEL	32	18S	38E	Producer	Injector	
423	2540' FNL & 1280' FEL	32	18S	38E	Injector	Injector	
431	2310' FSL & 330' FEL	32	18S	38E	Injector	Injector	
111	330' FNL & 330' FWL	33	18S	38E	Producer	Injector	
212	205' FNL & 1420' FWL	33	18S	38E	Injector	Producer	Injector
222	1520' FNL & 1470' FWL	33	18S	38E	Injector	Injector	
321	1650' FNL & 1650' FEL	36	18S	37E	TA Inj		
118JP	J/P	18	18S	38E	New		
118LN	L/N	18	18S	38E	New		
118MN	M/N	18	18S	38E	New		
112A	D	19	18S	38E	New		
142A	N	19	18S	38E	New		
431A	1650' FSL & 660' FEL	20	18S	38E	Plugged	Injector	
120DF	D/F	20	18S	38E	New	Injector	
312A	B	24	18S	38E	New		
331A	J	24	18S	38E	New		
124G	G	24	18S	38E	New		
124F	F	24	18S	38E	New		
125AB	A/B	25	18S	38E	New		
323A	G	29	18S	38E	New	Injector	
342A	O	29	18S	38E	New	Injector	
442A	P	29	18S	38E	New	Injector	
129E	E	29	18S	38E	New	Injector	
222A	F	30	18S	38E	New		
342A	O	30	18S	38E	Plugged	Injector	
422A	H	30	18S	38E	New	Injector	
442A	P	30	18S	38E	New	Injector	
312A	B	31	18S	38E	New	Injector	
222A	F	32	18S	38E	New	Injector	
323A	G	32	18S	38E	New	Injector	
331A	2310' FSL & 2310' FEL	32	18S	38E	New	Injector	

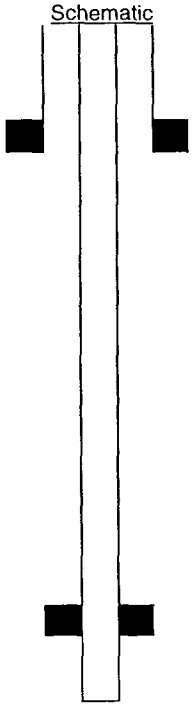
Note: Shading denotes wells that will be injecting CO2, water and produced gases. All other injectors shown above will be injecting CO2 and water.

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
13-121	1980' FNL & 660' FWL	13	18-S	37-E	E

Schematic



Tubular Data

Surface Casing
Size 8- 5/8" Cemented with 282 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 1800 sxs.
TOC 874' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4235'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of top perf
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

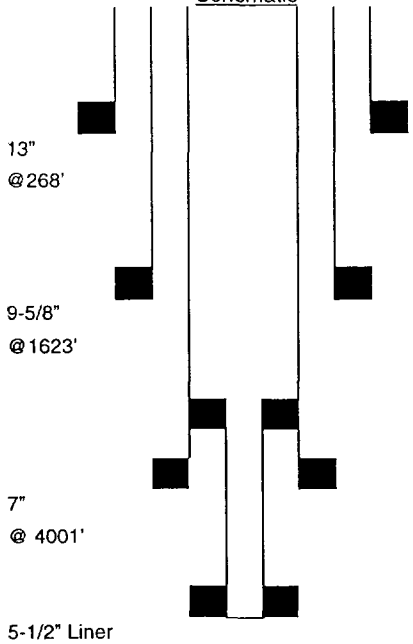
Byers 3740, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
13-141	660' FSL & 660' FWL	13	18-S	37-E	M

Schematic



Tubular Data

Surface Casing
Size 13" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 400 sxs.
TOC 469' Determined by CALC
Hole size

Long string Casing
Size 7" Cemented with 400 sxs.
TOC 2715' Determined by CBL
Hole size

Liner
Size 5-1/2" Cemented with 85 sxs.
TOC 3957' Determined by CALC
Hole size

Total depth 4235'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 2666-2667 Sqzd. With 1500 sx., 1905 Sqzd. With 1000 Sx., 1580 Sqzd. With 300 sx.

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

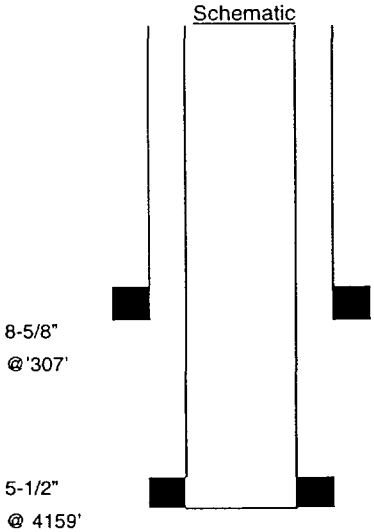
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
13-221	1980' FNL & 1980' FWL	13	18-S	37-E	F

Schematic



Tubular Data

Surface Casing
Size 8-5/8" Cemented with 300 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 1700 sxs.
TOC 1777' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4160'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

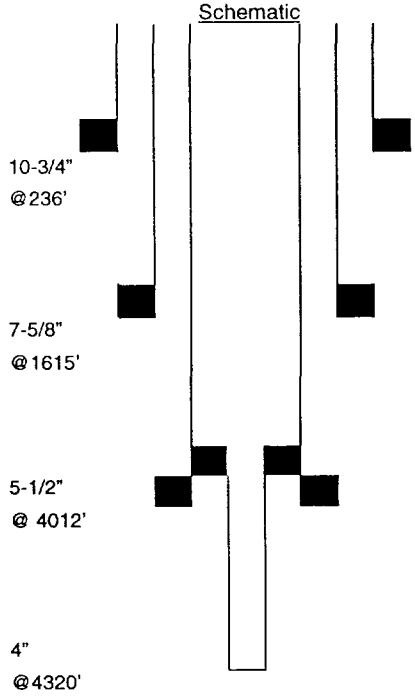
5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease				County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit				Lea
Well No.	**Footage Location**	**Section**	**Township**	**Range**	**Unit Letter**
13-241	660' FSL & 1980' FWL	13	18-S	37-E	N

Schematic



Tubular Data

Surface Casing
Size 10-3/4" Cemented with 150 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 7-5/8" Cemented with 300 sxs.
TOC 386' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 5-1/2" Cemented with 400 sxs.
TOC SURF Determined by CIRC
Hole size

Liner (Proposed)
Size 4" Cemented with 50 (est.) sxs.
TOC Circ. (est.) Determined by
Hole size

Total depth 4320'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Sqz hole 2380-81, 750 sxs circulated to surface

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

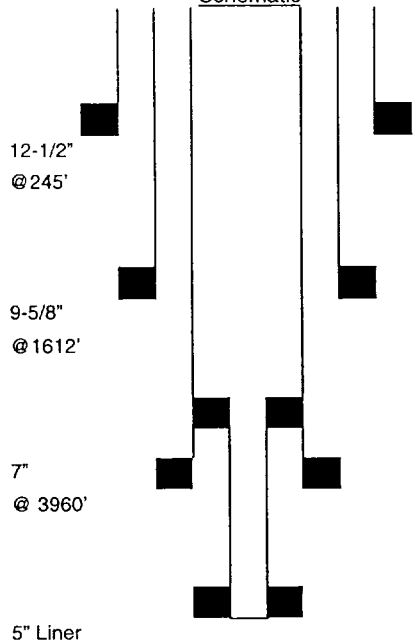
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
13-341	660' FSL & 1980' FEL	13	18-S	37-E	O

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 150 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 200 sxs.
TOC 902' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 275 sxs.
TOC 3030' Determined by CBL
Hole size

Liner
Size 5" Cemented with 110 sxs.
TOC TOL Determined by CIRC
Hole size

Total depth 4263'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

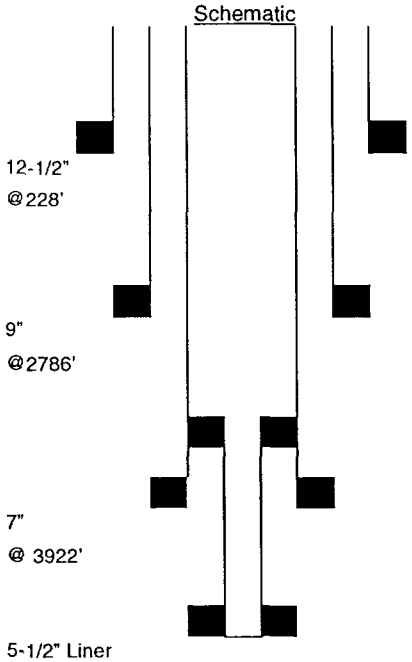
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
13-441	330' FSL & 330' FEL	13	18-S	37-E	P

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9" Cemented with 600 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 250 sxs.
TOC 3074' Determined by CBL
Hole size

Liner
Size 5-1/2" Cemented with 100 sxs.
TOC TOL Determined by CALC-50% EFFIC
Hole size

Total depth 4258'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 2778-80 sqz holes, 335 sxs circulated to surface.

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

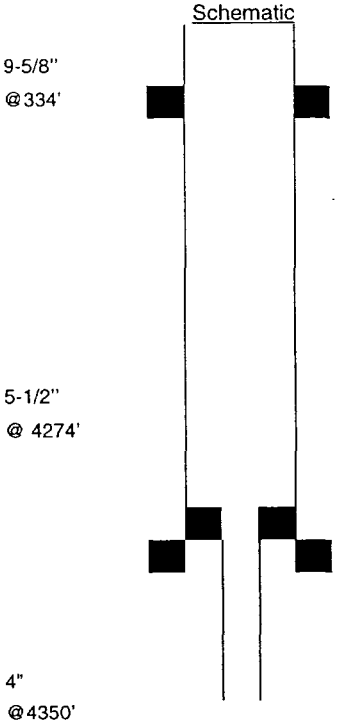
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
14-321	2310' FNL & 1650' FEL	14	18-S	37-E	G

Schematic



Tubular Data

Surface Casing
Size 9-5/8" Cemented with 325 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 600 sxs.
TOC 2647' Determined by CBL
Hole size

Liner (Proposed)
Size 4 Cemented with 50 (est.) sxs.
TOC TOL (est.) Determined by
Hole size

Total depth Proposed deepening to 4350'
(Current TD is 4300')

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 3405-3450 – Bowers – Sqzd with 100 sx cmt.

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

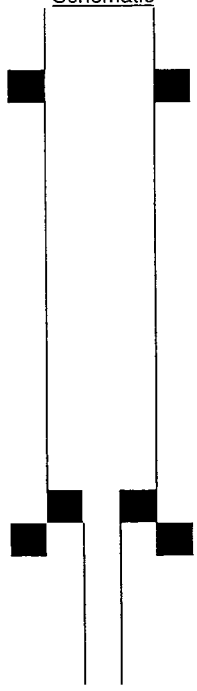
Byers -- 3500, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
14-341	660' FSL & 1650' FEL	14	18-S	37-E	O

Schematic



Tubular Data

Surface Casing
Size 8-5/8" Cemented with 250 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 400 sxs.
TOC 2920' Determined by CBL
Hole size

Liner (Proposed)
Size 4" Cemented with 50 (est.) sxs.
TOC TOL (est.) Determined by
Hole size

Total depth Proposed deepening to 4350'
(Current TD is 4176')

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

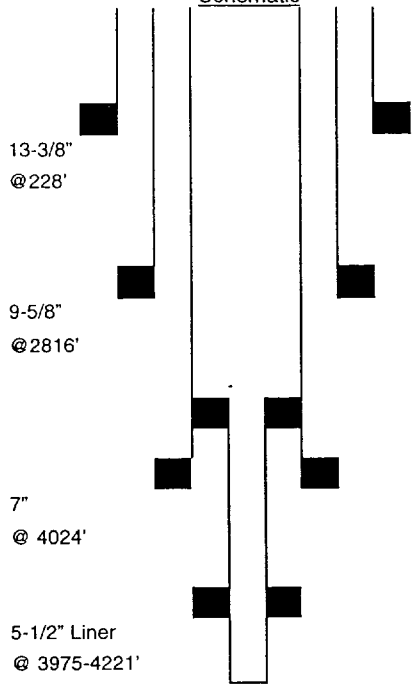
Byers -- 3500, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
18-342	330' FSL & 2310' FEL	18	18-S	38-E	O

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with 180 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 500 sxs.
TOC 1411' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 250 sxs.
TOC 2561' Determined by CALC-50% EFFIC
Hole size

Liner
Size 5-1/2" Cemented with 275 sxs.
TOC 3974' Determined by CIRC
Hole size

Total depth 4286'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated casing and open hole

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at within 100 feet of the top perf
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 3005-6 sqz holes, 1000 sxs

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

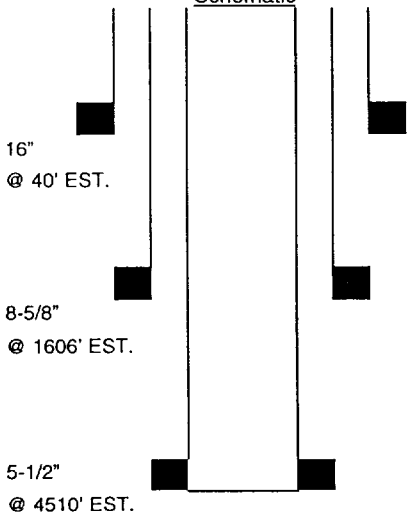
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	18	18-S	38-E	SE corner J NW corner P

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

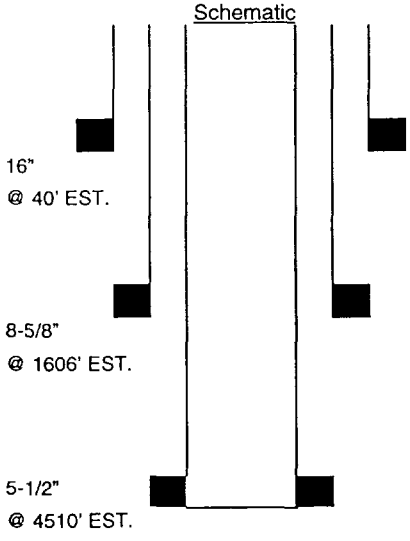
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	18	18-S	38-E	SE corner L NW corner N

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

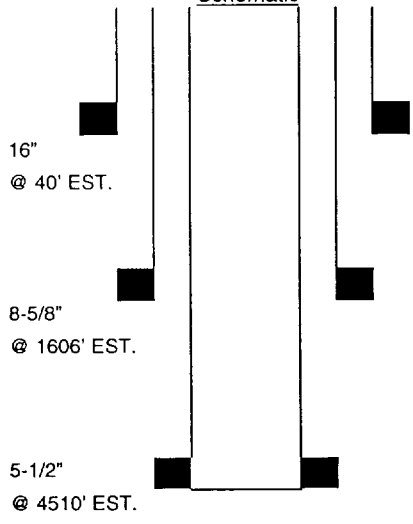
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	18	18-S	38-E	E side M W side N

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

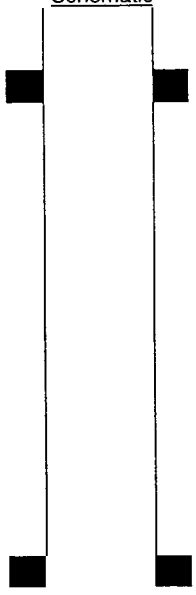
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-112	990' FNL & 990' FWL	19	18-S	38-E	D

Schematic



Tubular Data

Surface Casing
Size 8-5/8" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 1500 sxs.
TOC 1108' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4254'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

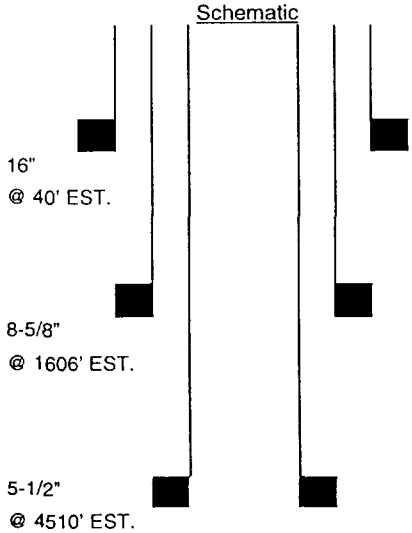
Byers -- 3500, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	19	18-S	38-E	D

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

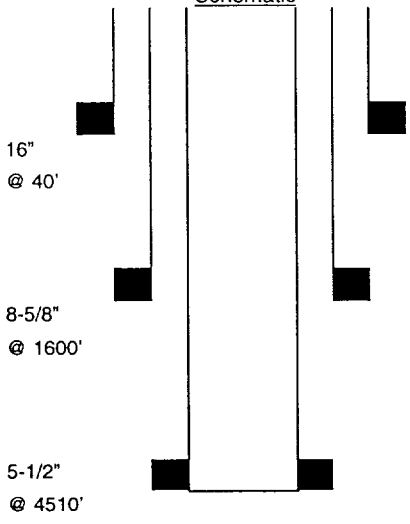
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-142	1200' FSL & 1300' FWL	19	18-S	38-E	N

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 875 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 900 sxs.
TOC 2606' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

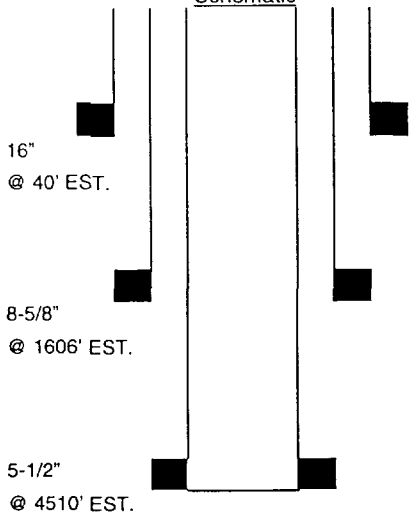
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	19	18-S	38-E	N

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

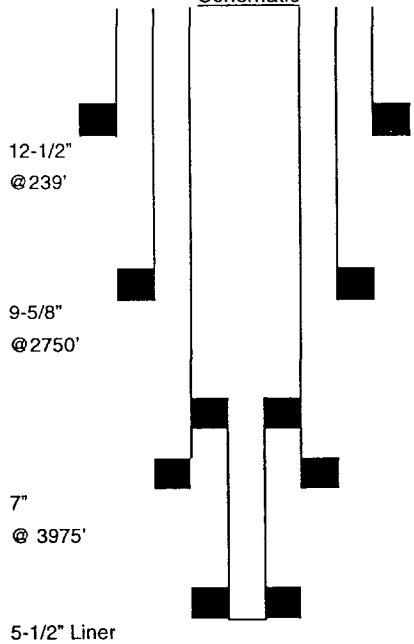
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-231	2310' FSL & 2310' FWL	19	18-S	38-E	K

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 600 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 255 sxs.
TOC 3100' Determined by CBL
Hole size

Liner
Size 5-1/2" Cemented with 100 sxs.
TOC 3931' Determined by CALC-50% EFFIC
Hole size

Total depth 4247'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

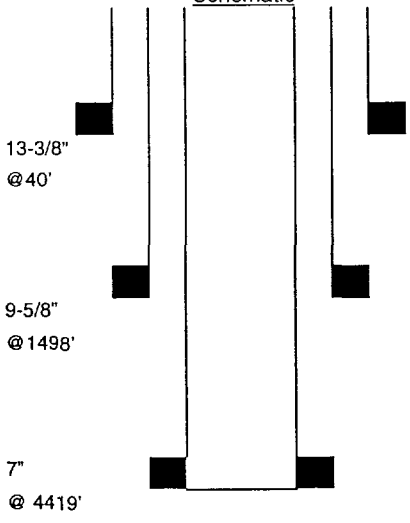
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-232	2501' FSL & 1410' FWL	19	18-S	38-E	K

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 425 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 900 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4420'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

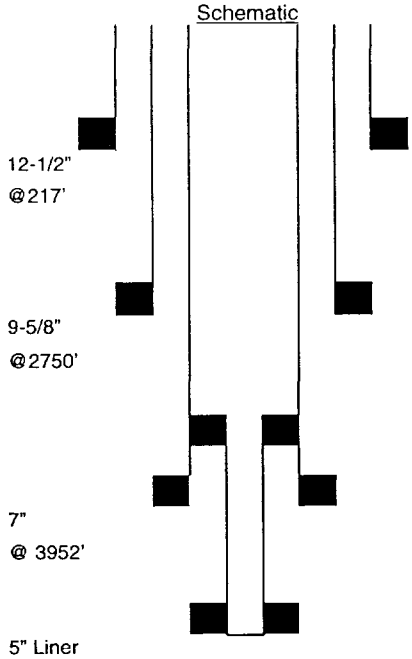
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-311	1309' FNL & 2310' FEL	19	18-S	38-E	B

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 600 sxs.
TOC 548' Determined by N/A
Hole size

Long string Casing
Size 7" Cemented with 300 sxs.
TOC 3060' Determined by CBL
Hole size

Liner
Size 5" Cemented with 435 sxs.
TOC 4080' Determined by CBL
Hole size

Total depth 4296'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

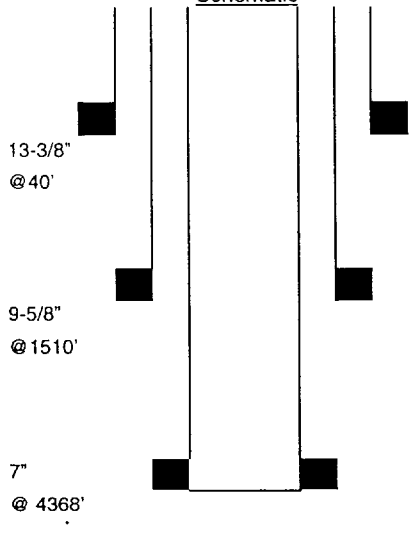
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-332	1430' FSL & 2535' FEL	19	18-S	38-E	J

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with REDIMIX sxs.
TOC N/A Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 625 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 955 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

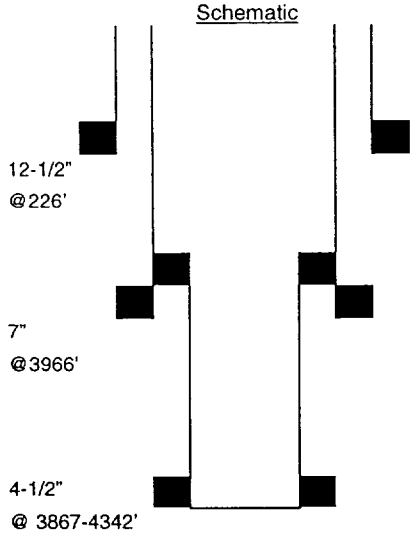
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-411	1300' FNL & 1300' FEL	19	18-S	38-E	A

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 7" Cemented with 700 sxs.
TOC 2574' Determined by CBL
Hole size

Long string Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Liner
Size 4-1/2" Cemented with 100 sxs.
TOC 3484' Determined by CALC-50% EFFIC
Hole size

Total depth 4342'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used): 927-32, 35-40, 2021-31, 2036-81 sqz holes – 1220 sxs

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

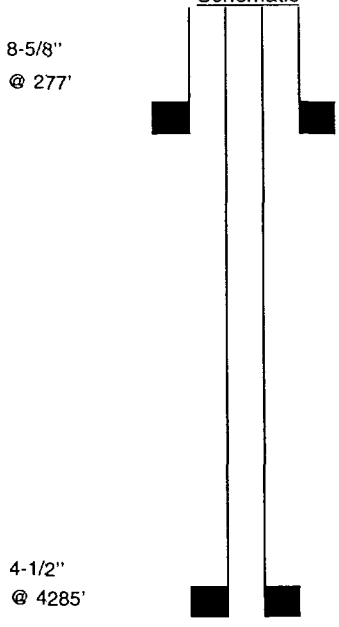
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
19-431	1650' FSL & 990' FEL	19	18-S	38-E	I

Schematic



Tubular Data

Surface Casing
Size 8- 5/8" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 4-1/2" Cemented with 435 sxs.
TOC 2537' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4286'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

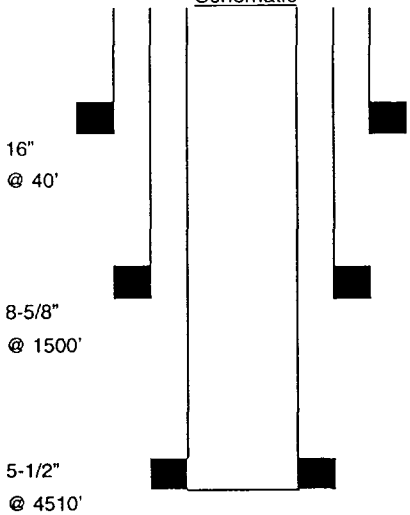
Byers 3740, Glorieta – 5300 .

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
20-233	1610' FSL & 1850' FWL	20	18-S	38-E	K

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1050 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

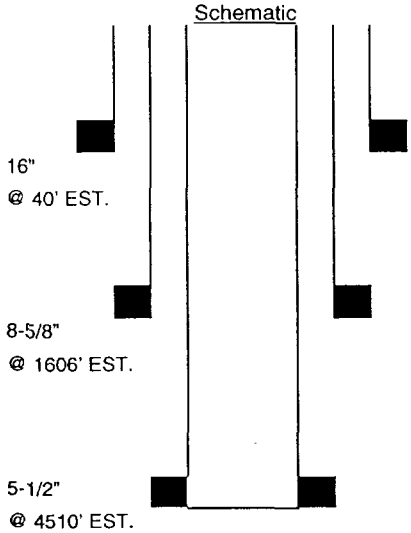
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	20	18-S	38-E	I

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

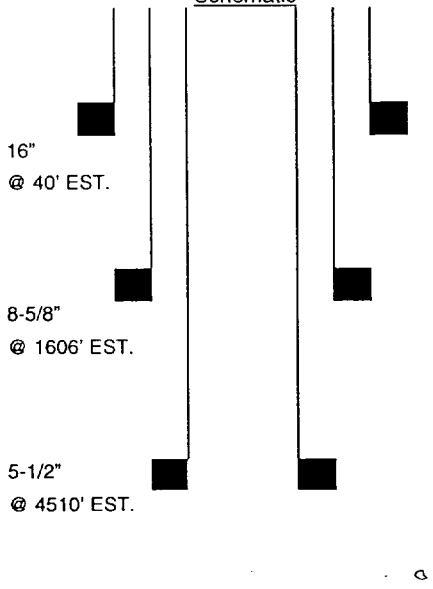
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	20	18-S	38-E	SE corner D NW corner F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

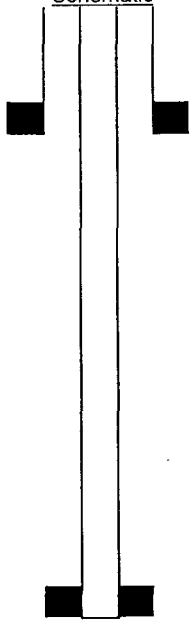
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
23-321	1650' FNL & 1650' FEL	23	18-S	37-E	G

Schematic



Tubular Data

Surface Casing
Size 8- 5/8" Cemented with 300 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 1355 sxs.
TOC 2804' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4265'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. *Is this a new well drilled for injection?* Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

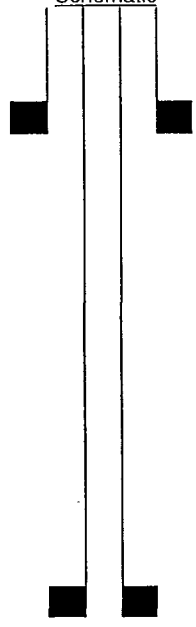
Byers 3740, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
23-341	990' FSL & 1650' FEL	23	18-S	37-E	I

Schematic



Tubular Data

Surface Casing
Size 8- 5/8" Cemented with 180 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 750 sxs.
TOC 2162' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4302'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI (brand and model) Packer at Within 100 feet of top perf.

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

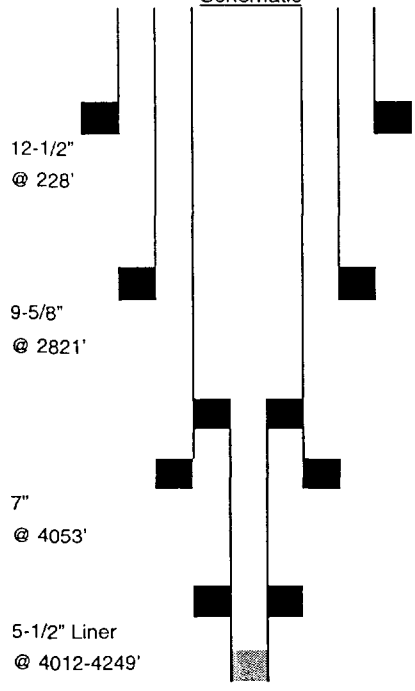
Byers 3740, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-121	1650' FNL & 990' FWL	24	18-S	37-E	E

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 250 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 450 sxs.
TOC 1557' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 400 sxs.
TOC 3214' Determined by CBL
Hole size

Liner
Size 5-1/2" Cemented with 100 sxs.
TOC 4012' Determined by CIRC
Hole size

Total depth 4319'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing and Open Hole

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

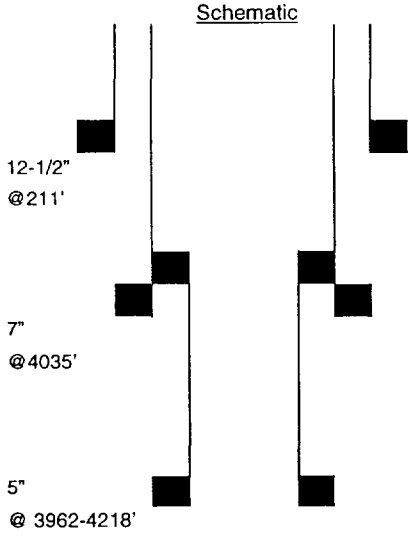
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-141	1315' FSL & 1315' FWL	24	18-S	37-E	M

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 175 sxs.
TOC SURF Determined by NA
Hole size

Intermediate Casing
Size 7" Cemented with 800 sxs.
TOC 2604 Determined by CBL
Hole size

Long string Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Liner
Size 5" Cemented with 36 sxs.
TOC 3962' Determined by CALC-50% EFFIC
Hole size

Total depth 4270'

Injection interval
Approx. 4000 feet to TD

Completion type Open Hole

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of open hole.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 501, 839, sqz hole, 550 sxs
2312-2402, 250 sxs

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

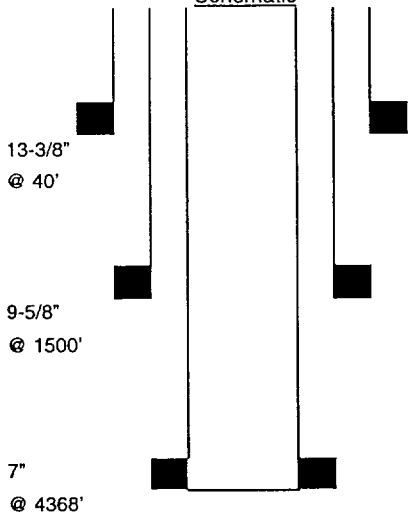
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-212	1263' FNL & 2605' FWL	24	18-S	37-E	C

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 600 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 850 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

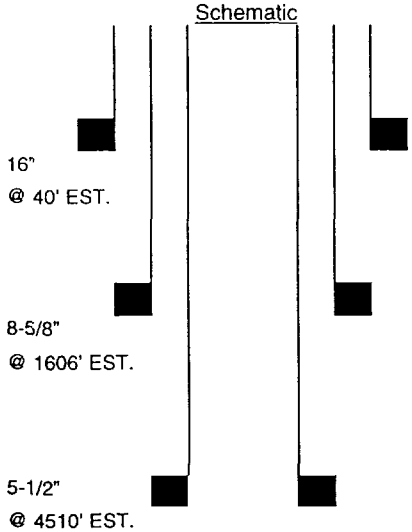
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	24	18-S	37-E	B

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

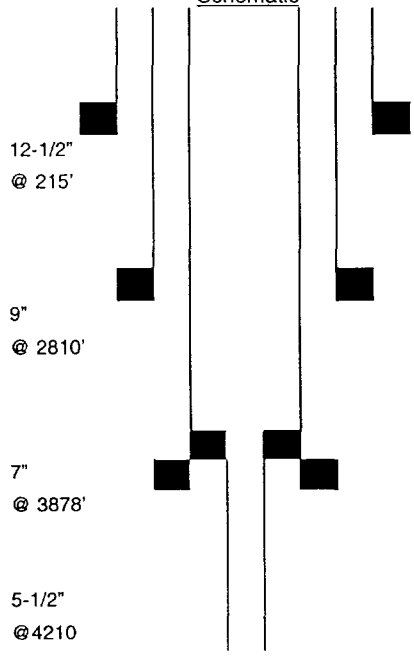
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-331	1320' FSL & 1325' FEL	24	18-S	37-E	J

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9" Cemented with 400 sxs.
TOC 1197' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 300 sxs.
TOC SURF Determined by CBL
Hole size

Liner (Proposed)
Size 5-1/2 Cemented with 50 (est.) sxs.
TOC TOL (est.) Determined by
Hole size

Total depth 4210'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 2280'–Salado – Sqz'd w/350 sx cmt., 2820'-Yates/ Seven Rivers – Sqz'd w/100 sx cmt.

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

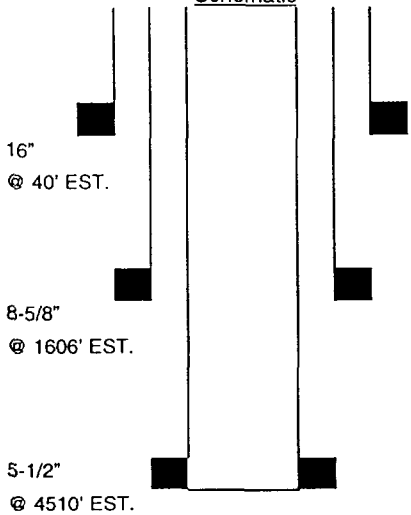
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	24	18-S	37-E	J

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a
Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

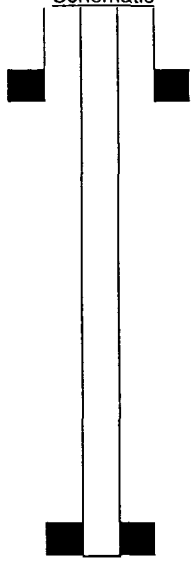
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-411	990' FNL & 990' FEL	24	18-S	37-E	A

Schematic



Tubular Data

Surface Casing
Size 8-5/8" Cemented with 210 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 265 sxs.
TOC 2524' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4283'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

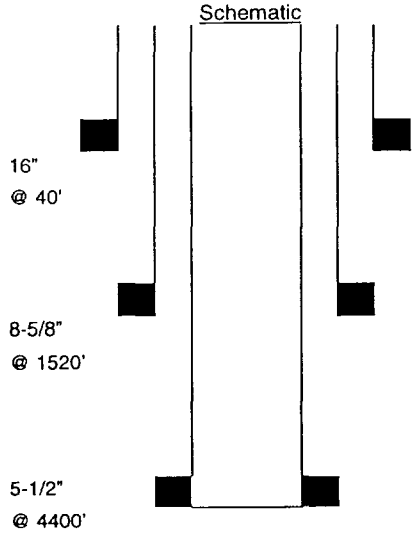
Byers -- 3500, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-413	1200' FNL & 206' FEL	24	18-S	37-E	A

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 750 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 775 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4400'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

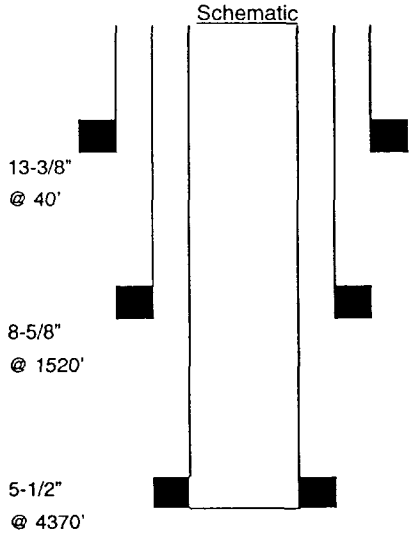
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-414	10' FNL & 1280' FEL	24	18-S	37-E	A

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 711 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 730 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

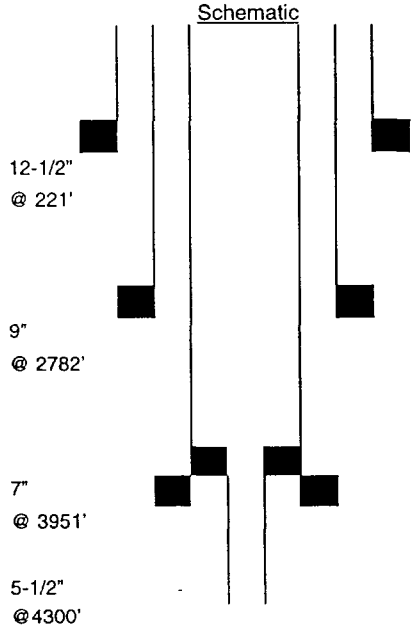
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-431	990' FSL & 330' FEL	24	18-S	37-E	I

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 180 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9" Cemented with 510 sxs.
TOC 1340' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 250 sxs.
TOC SURF Determined by CIRC
Hole size

Liner (Proposed)
Size 5-1/2" Cemented with 50 (est.) sxs.
TOC TOL (est.) Determined by
Hole size

Total depth Proposed deepening to 4300'
(Current TD is 4218')

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

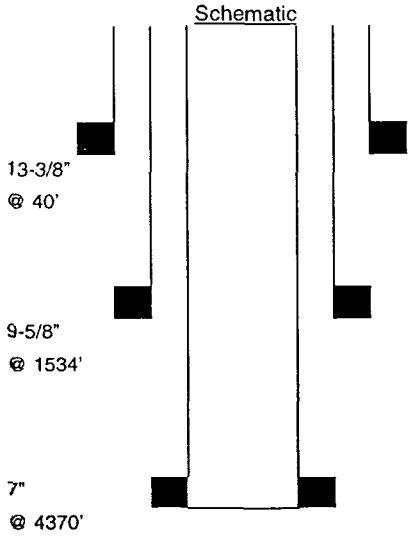
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-432	2741' FSL & 1286' FEL	24	18-S	37-E	I

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 425 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 550 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

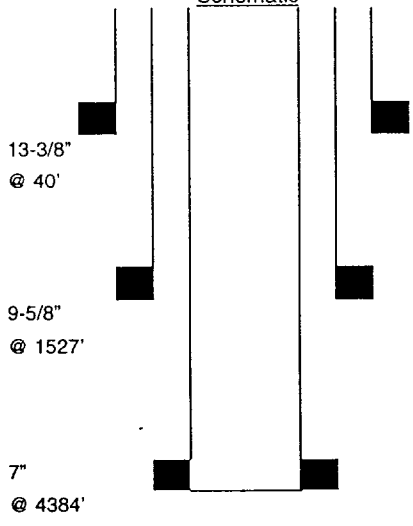
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
24-442	1260' FSL & 200' FEL	24	18-S	37-E	P

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC SURF Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 375 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 576 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4384'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

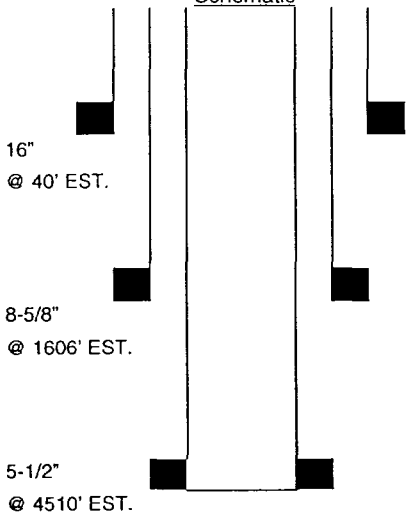
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	24	18-S	37-E	G

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

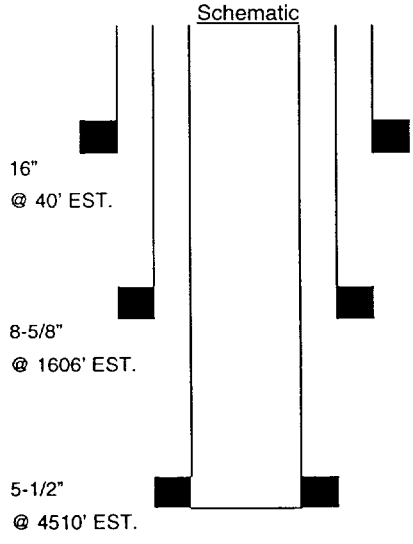
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	24	18-S	37-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Graybrug – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

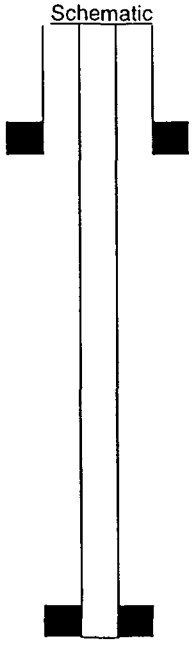
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
25-121	1650' FNL & 990' FWL	25	18-S	37-E	E

Schematic



Tubular Data

Surface Casing
Size 8- 5/8" Cemented with 250 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 250 sxs.
TOC 2950' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4261'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

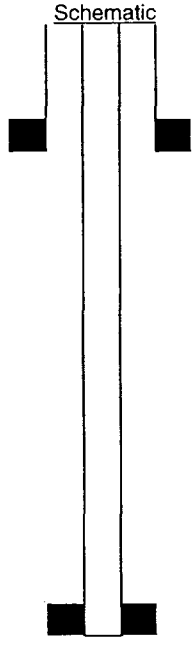
Byers 3740, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
25-341	660' FSL & 1650' FEL	25	18-S	37-E	O

Schematic



Tubular Data

Surface Casing
Size 8- 5/8" Cemented with 900 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size _____ Cemented with _____ sxs.
TOC _____ Determined by _____
Hole size

Long string Casing
Size 5-1/2" Cemented with 1100 sxs.
TOC 440' Determined by CBL
Hole size

Liner
Size _____ Cemented with _____ sxs.
TOC _____ Determined by _____
Hole size

Total depth 4220'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

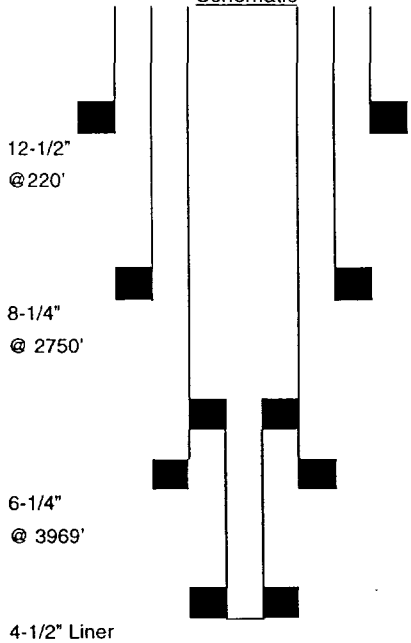
Byers 3740, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
25-411	330' FNL & 330' FEL	25	18-S	37-E	A

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-1/4" Cemented with 600 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 6-1/4" Cemented with 200 sxs.
TOC 2926' Determined by CBL
Hole size

Liner
Size 4-1/2" Cemented with 50 sxs.
TOC 3869' Determined by CALC-50% EFFIC
Hole size

Total depth 4259'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

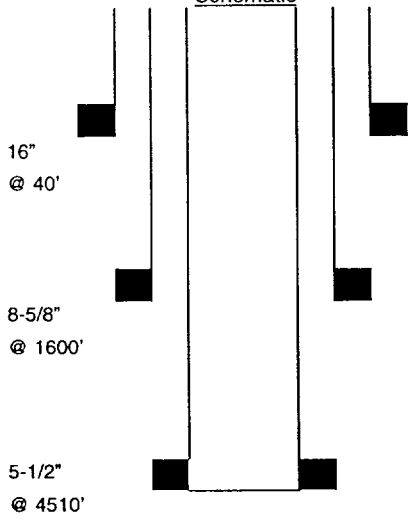
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
25-422	1550' FNL & 1300' FEL	25	18-S	37-E	H

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 sxs.
TOC SURF Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

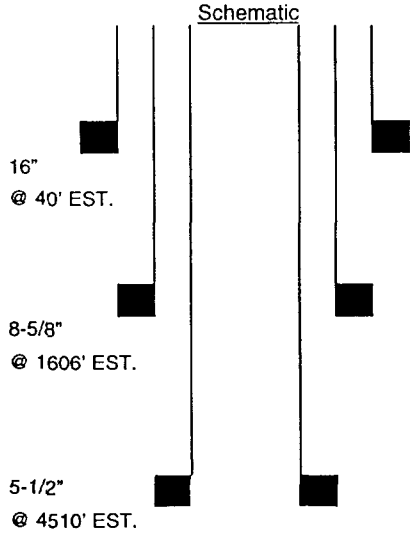
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	25	18-S	37-E	W side of A E side of B

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

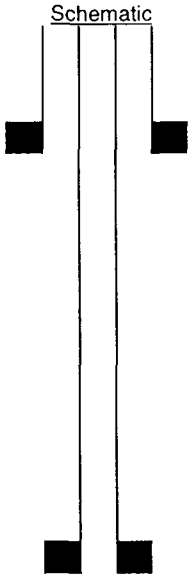
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
28-221	1910' FNL & 1650' FWL	28	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 10-3/4" Cemented with 600 sxs.
TOC SURF Determined by CIRC.
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 7" Cemented with 682 sxs.
TOC SURF Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4318'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated casing & open hole

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

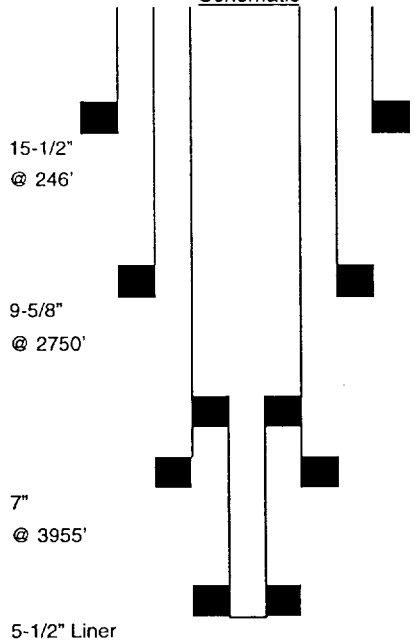
Byers 3740, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
28-231	1325' FSL & 1325' FWL	28	18-S	38-E	K

Schematic



Tubular Data

Surface Casing
Size 15-1/2" Cemented with 150 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 150 sxs.
TOC 2329' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 250 sxs.
TOC 3027' Determined by CBL
Hole size

Liner
Size 5-1/2" Cemented with 100 sxs.
TOC 3918' Determined by CALC-50% EFFIC
Hole size

Total depth 4231'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

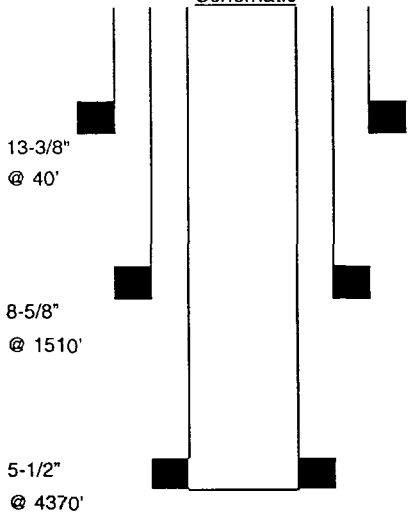
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-122	1600' FNL & 180' FWL	29	18-S	38-E	E

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 500 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 350 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

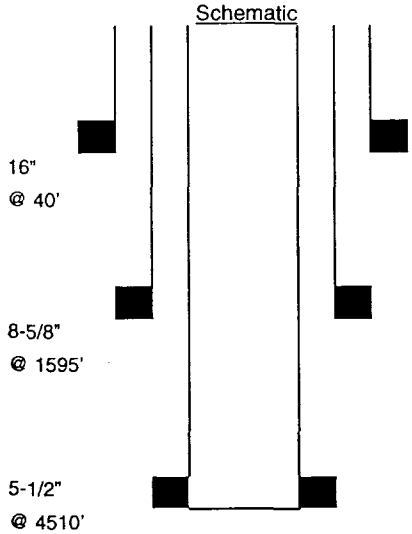
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-132	1623' FSL & 1218' FWL	29	18-S	38-E	L

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 785 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 900 sxs.
TOC 90' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. *Is this a new well drilled for injection?* Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

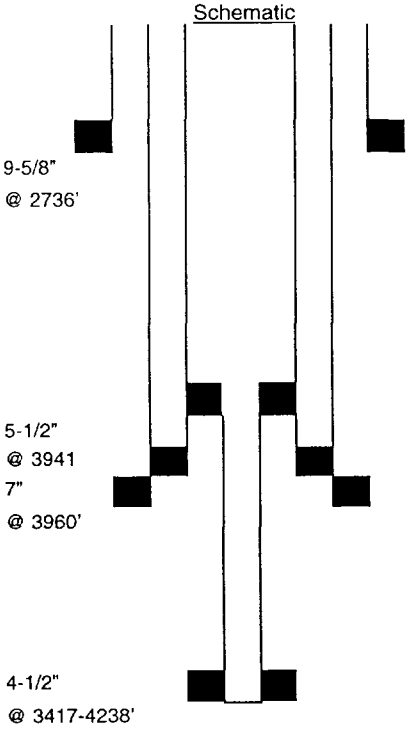
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-141	330' FSL & 330' FWL	29	18-S	38-E	M

Schematic



Tubular Data

Surface Casing
Size 9-5/8" Cemented with 650 sxs.
TOC 694' Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 7" Cemented with 300 sxs.
TOC 2204' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 5-1/2" Cemented with 250 sxs.
TOC 3460' Determined by CBL
Hole size

Liner
Size 4-1/2" Cemented with 50 sxs.
TOC 3774' Determined by CBL
Hole size

Total depth 4258'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

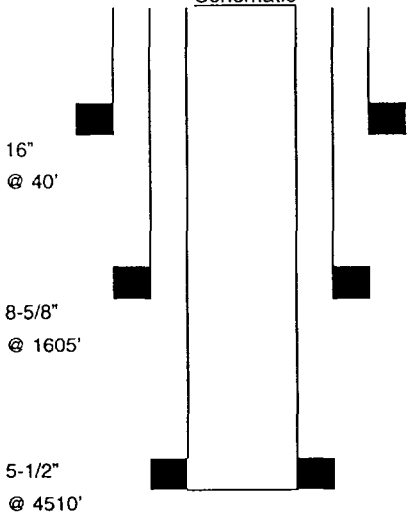
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-222	1370' FNL & 850' FWL	29	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 950 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1050 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 1626 sqz hole, 425 sxs, circulated

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

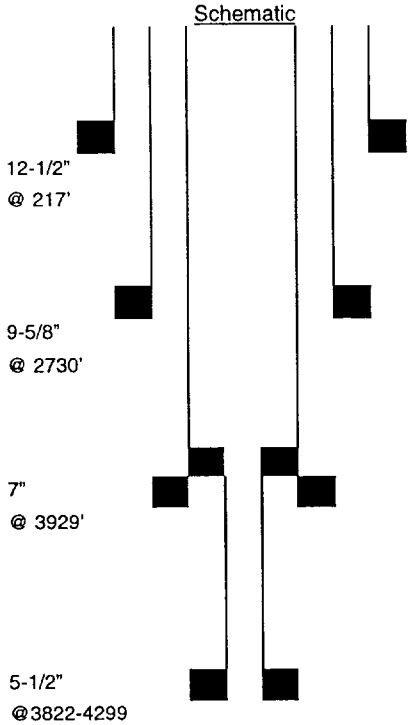
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-241	330' FSL & 2310' FWL	29	18-S	38-E	N

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 160 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 500 sxs.
TOC 1159' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 300 sxs.
TOC 1850' Determined by CBL
Hole size

Liner
Size 5-1/2" Cemented with 60 sxs.
TOC 3822' Determined by CALC-50% EFFIC
Hole size

Total depth 4299'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

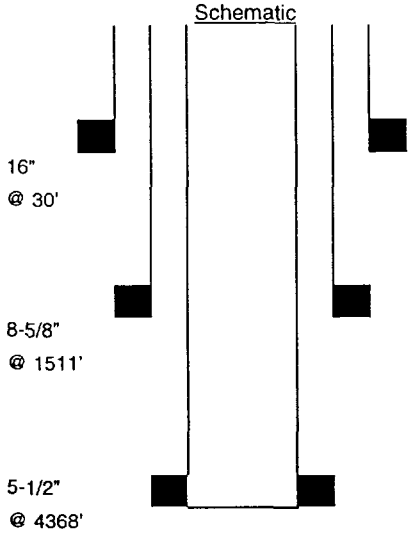
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-242	100' FSL & 1400' FWL	29	18-S	38-E	N

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with N/A sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 750 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 750 sxs.
TOC 2330' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

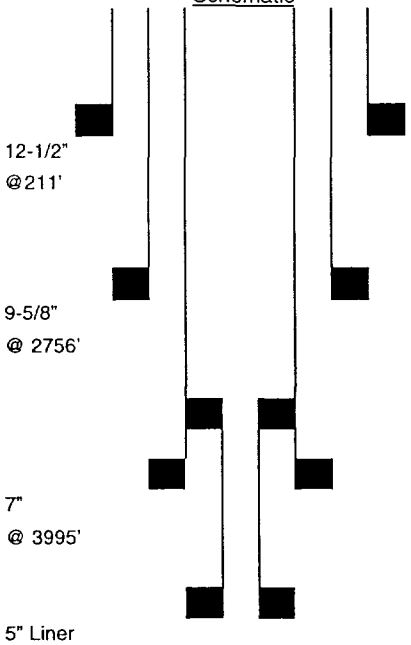
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-321	2310' FNL & 1650' FEL	29	18-S	38-E	G

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 250 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 250 sxs.
TOC 1868'' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 300 sxs.
TOC 2930' Determined by CBL
Hole size

Liner
Size 5" Cemented with 100 sxs.
TOC 3894' Determined by CBL
Hole size

Total depth 4309'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

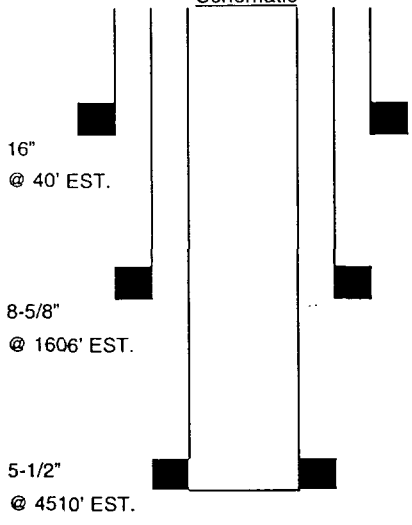
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	29	18-S	38-E	G

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

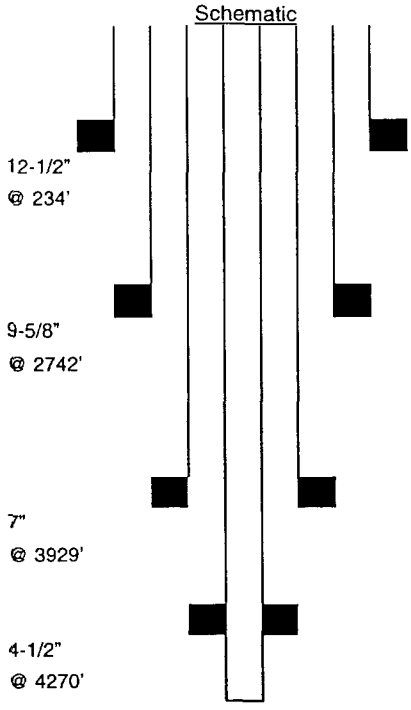
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-331	1650' FSL & 1650' FEL	29	18-S	38-E	J

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 170 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 500 sxs.
TOC 966' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 300 sxs.
TOC 2173' Determined by CALC-50% EFFIC
Hole size

Size 4-1/2" Cemented with 750 sxs.
TOC 3788' Determined by CBL
Hole size

Total depth 4340'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing and Open Hole

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

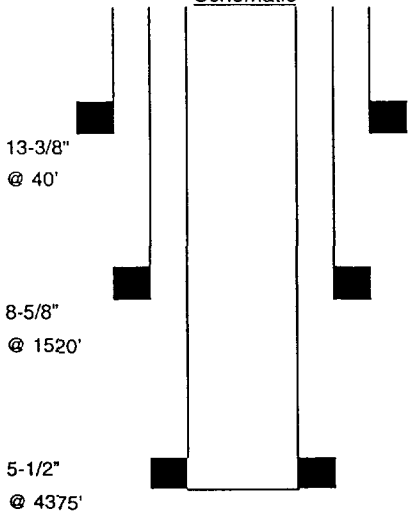
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-342	1230' FSL & 2500' FEL	29	18-S	38-E	O

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 620 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 875 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4375'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

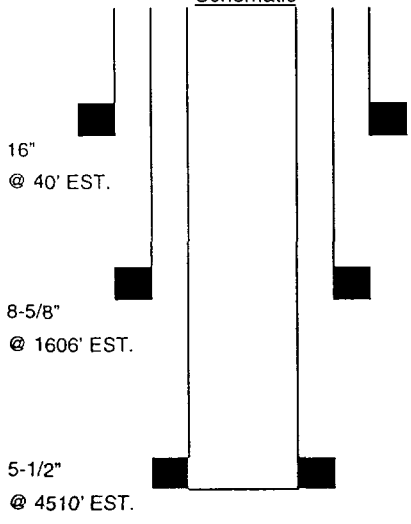
5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease			County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit			Lea
Well No.	**Footage Location**	**Section**	**Township**	**Range**	**Unit Letter**
New Well	TBD	29	18-S	38-E	O

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

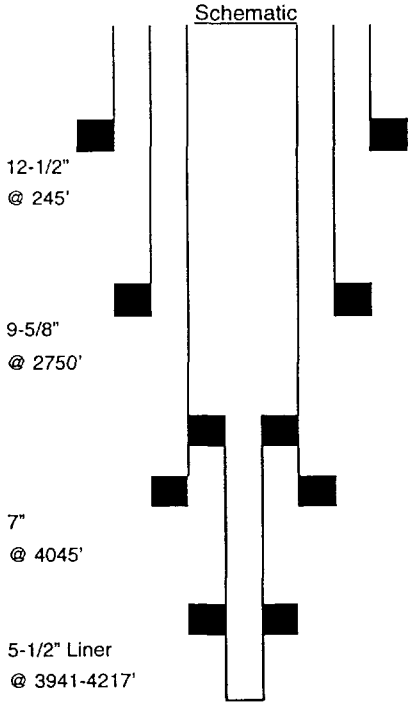
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-411	990' FNL & 990' FEL	29	18-S	38-E	A

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 250 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 650 sxs.
TOC 441' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 300 sxs.
TOC 2289' Determined by CALC-50% EFFIC
Hole size

Liner
Size 5-1/2" Cemented with 30 sxs.
TOC 3941' Determined by CALC-50% EFFIC
Hole size

Total depth 4335'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated casing and open hole

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

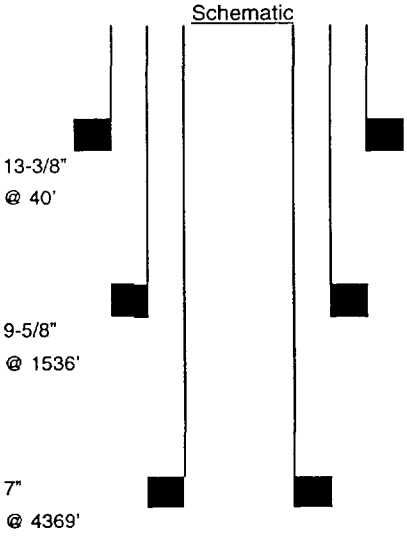
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
29-442	1230' FSL & 220' FEL	29	18-S	37-E	P

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with REDIMIX sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 575 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 1100 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

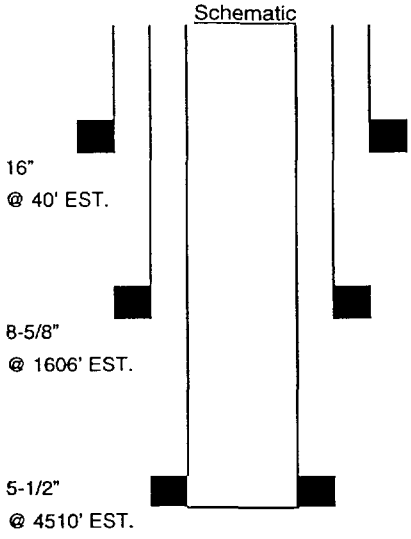
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	29	18-S	38-E	P

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

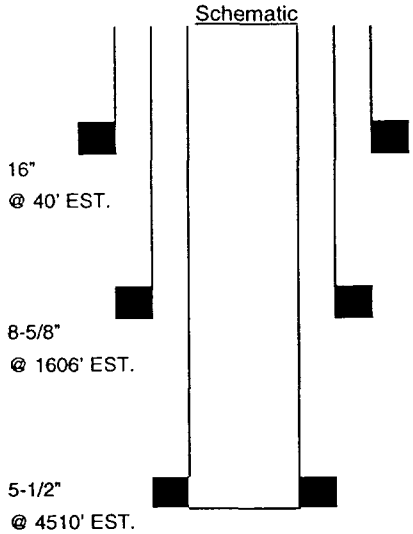
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	29	18-S	38-E	E

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

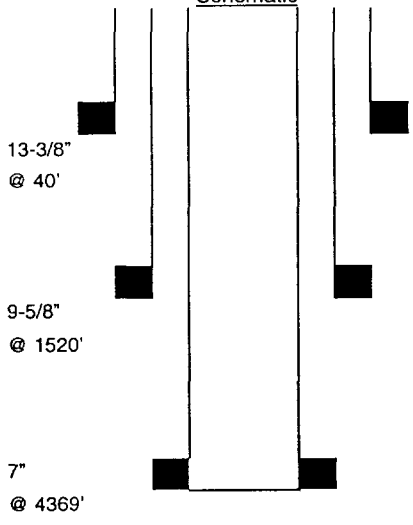
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-112	200' FNL & 1310' FWL	30	18-S	38-E	D

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 250 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 675 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

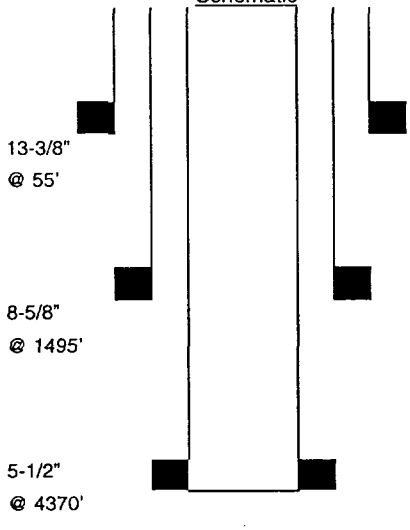
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-113	1310' FNL & 195' FWL	30	18-S	38-E	D

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with REDIMIX sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 620 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 990 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

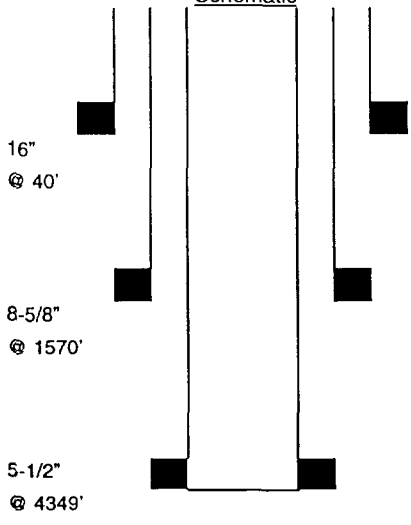
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-222	1470' FNL & 1395' FWL	30	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 950 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 800 sxs.
TOC 2608' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4350'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. *Is this a new well drilled for injection?* Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

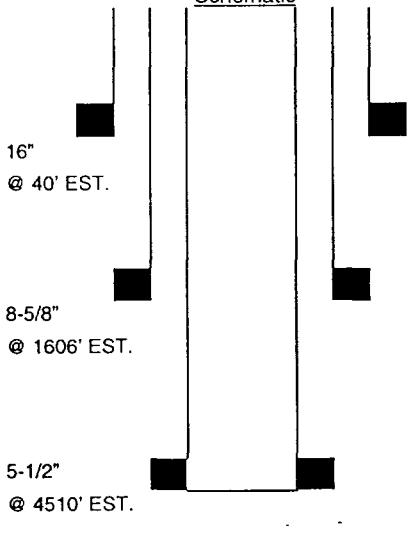
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	30	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

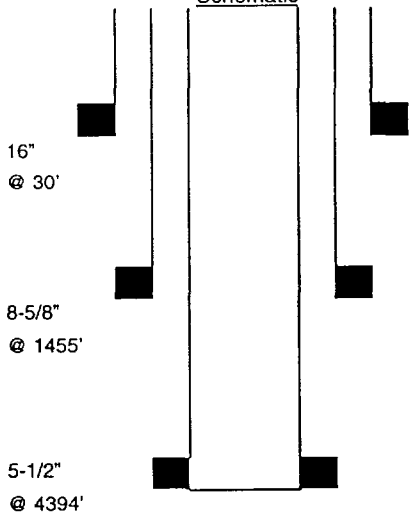
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-223	1770' FNL & 2405' FWL	30	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 650 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 250 sxs.
TOC 2496' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4397'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

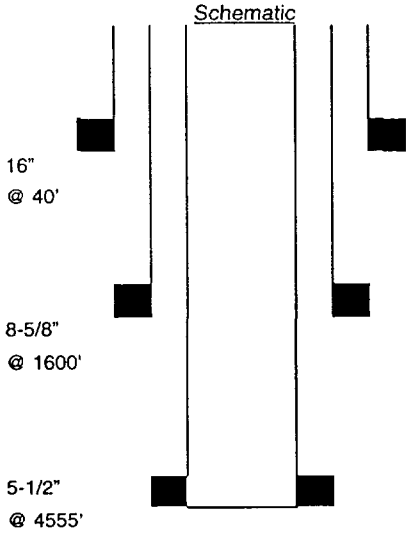
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-232	1400' FSL & 1370' FWL	30	18-S	38-E	K

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 875 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1100 sxs.
TOC 2614' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4555'

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

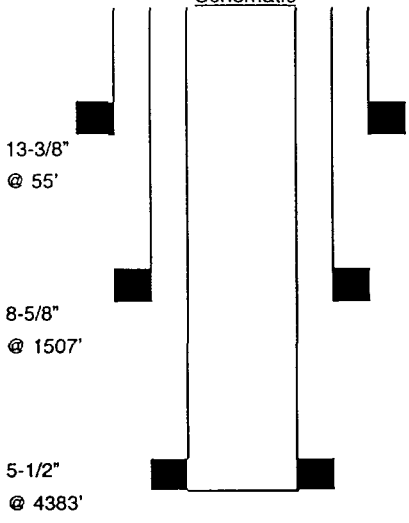
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-233	2455' FSL & 1480' FWL	30	18-S	38-E	K

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 620 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1070 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4383'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

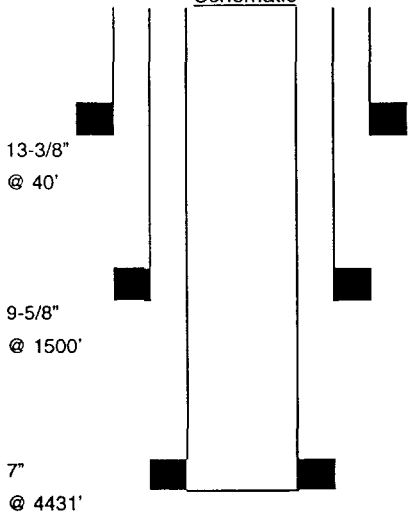
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-312	520' FNL & 1448' FEL	30	18-S	38-E	B

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with 40 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 650 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 700 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4431'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

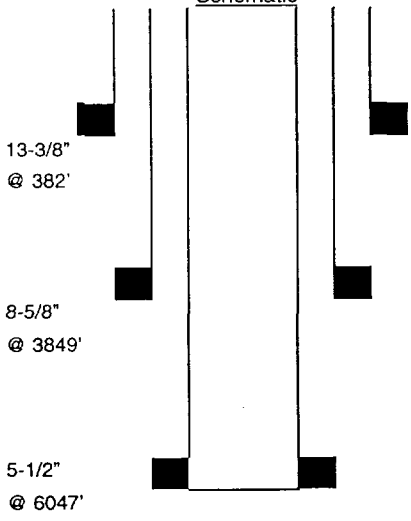
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-313	405' FNL & 2272' FEL	30	18-S	38-E	B

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with 400 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 1256 sxs.
TOC 600' Determined by TS
Hole size

Long string Casing
Size 5-1/2" Cemented with 570 sxs.
TOC 1500' Determined by TS
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 6047'

Injection interval
4000 feet to 4375 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 5805-5908 Blinebry, CIBP 5835 and 4410 + 35' cmt

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

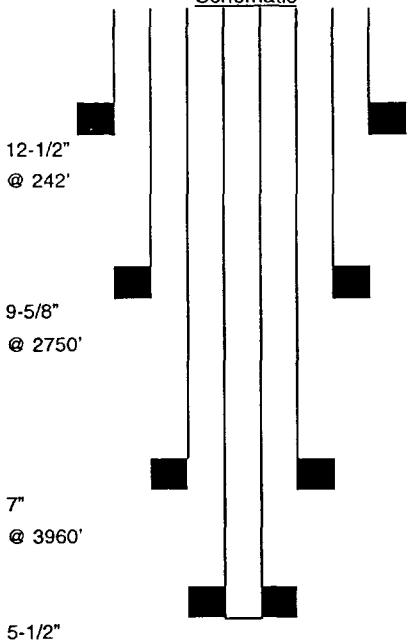
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-331	2335' FSL & 2310' FEL	30	18-S	38-E	J

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 225 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 650 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 300 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size 5-1/2" Cemented with 30 sxs.
TOC 3650' Determined by CBL
Hole size

Total depth 4238'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 1500' sqz hole, 275 sx

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

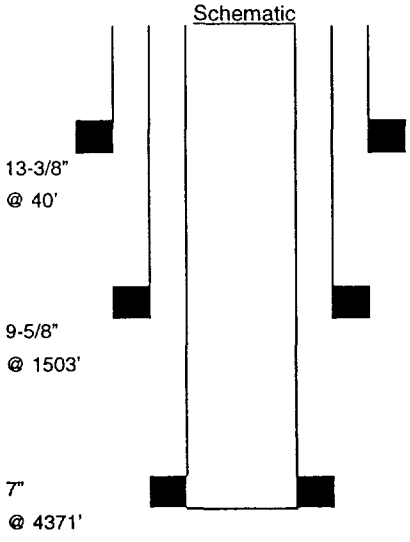
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-332	2470' FSL & 1600' FEL	30	18-S	38-E	J

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 650 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 800 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

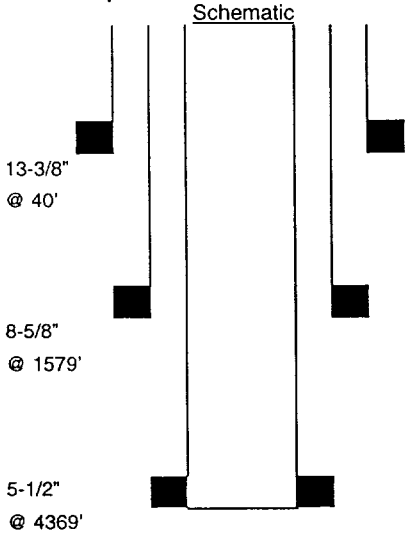
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-333	1400' FSL & 2430' FEL	30	18-S	38-E	O

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with REDIMIX sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 710 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 720 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4369'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

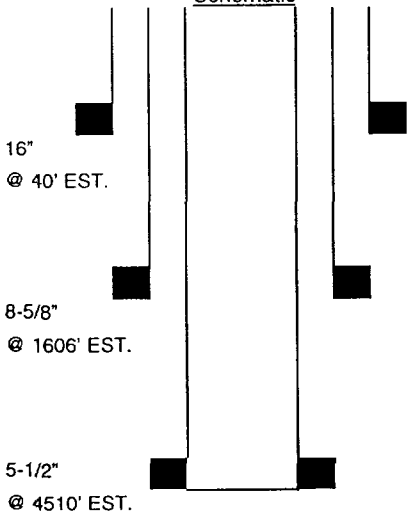
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	30	18-S	38-E	O

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

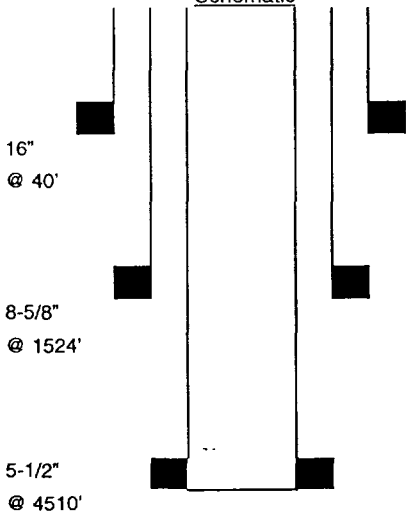
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-422	1520' FNL & 1300' FEL	30	18-S	38-E	H

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 sxs.
TOC 2500' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injector

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. *Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.*

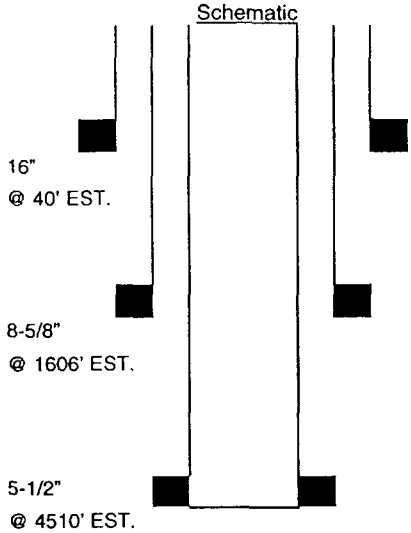
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	30	18-S	38-E	H

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

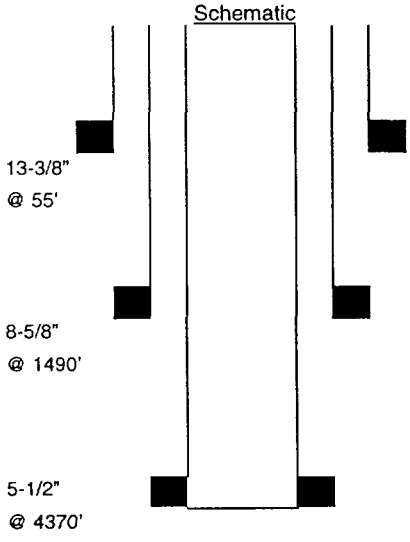
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-432	2260' FSL & 178' FEL	30	18-S	38-E	I

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 370 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 350 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

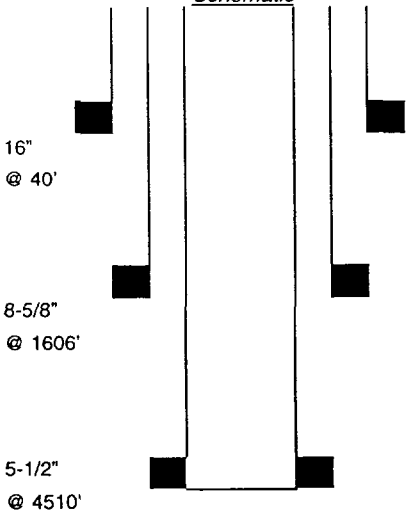
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-442	1300' FSL & 1050' FEL	30	18-S	38-E	P

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 900 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

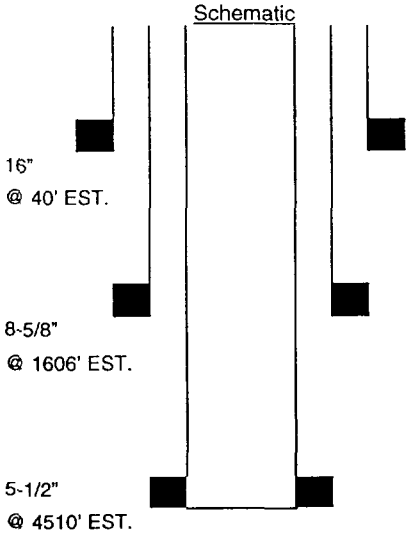
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	30	18-S	38-E	P

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

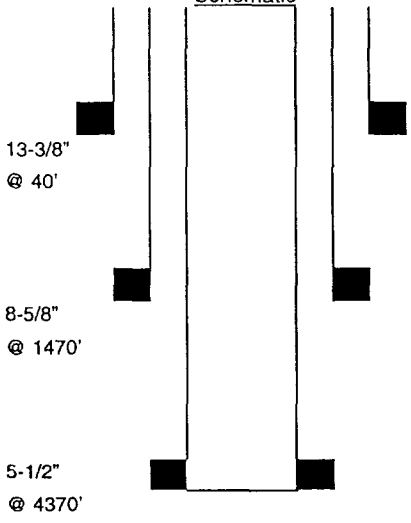
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-443	1300' FSL & 160' FEL	30	18-S	38-E	P

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with REDIMIX sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 425 sxs.
TOC 440' Determined by TS
Hole size

Long string Casing
Size 5-1/2" Cemented with 340 sxs.
TOC 858' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

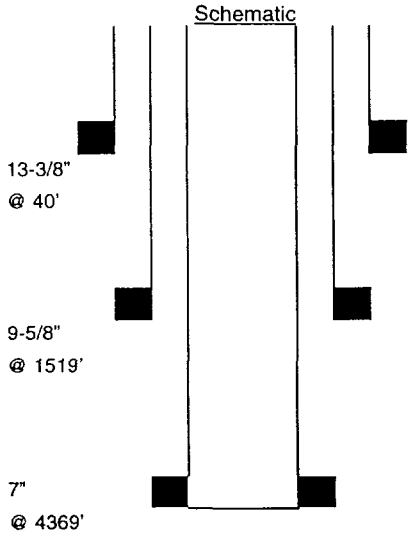
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
30-444	215' FSL & 1225' FEL	30	18-S	38-E	P

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with 40 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 500 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 2305 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

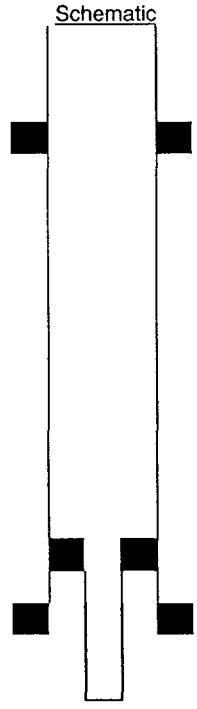
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
31-121	1980' FNL & 990' FWL	31	18-S	38-E	E

Schematic



Tubular Data

Surface Casing
Size 9- 5/8" Cemented with 800 sxs.
TOC SURF Determined by CIRC.
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 7" Cemented with 400 sxs.
TOC 1733' Determined by CALC-50% EFFIC
Hole size

Liner (Proposed
Size 5-1/2" Cemented with 50 (est.) sxs.
TOC TOL (est.) Determined by
Hole size

Total depth Proposed deepening to 4300'
(Current TD is 4189')

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

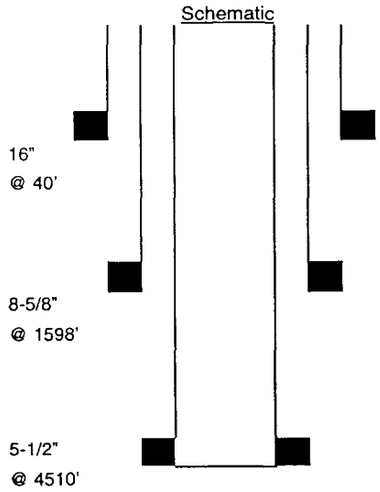
5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

Byers 3740, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease			County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit			Lea
Well No.	**Footage Location**	**Section**	**Township**	**Range**	**Unit Letter**
31-312	1262' FNL & 1520' FEL	31	18-S	38-E	B

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 950 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1050 sxs.
TOC 2500' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. *Name of the injection formation* San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injector

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

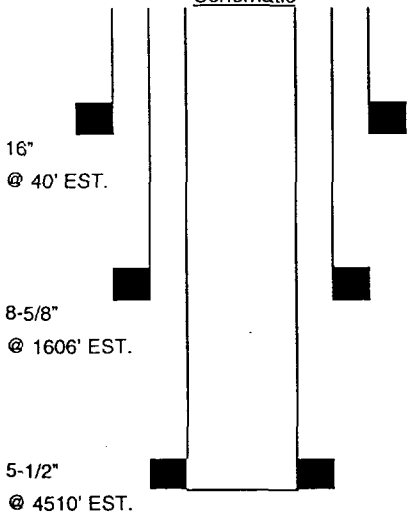
Operator Occidental Permian Limited Partnership Lease North Hobbs G/SA Unit County Lea

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	31	18-S	38-E	B

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a
Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

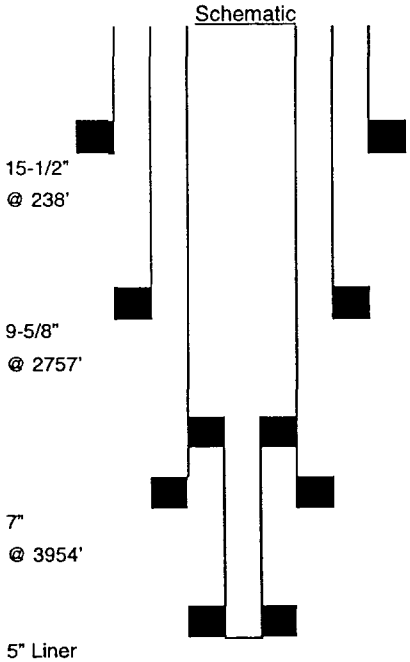
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-112	1370' FNL & 330' FWL	32	18-S	38-E	O

Schematic



Tubular Data

Surface Casing
Size 15-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 350 sxs.
TOC 1774' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 200 sxs.
TOC 3086' Determined by CBL
Hole size

Liner
Size 5" Cemented with 50 sxs.
TOC 3841' Determined by CIRC
Hole size

Total depth 4276'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

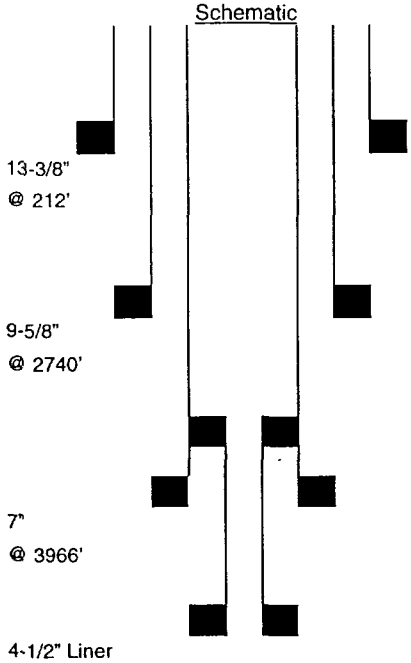
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-131	2310 FSL & 330 FWL	32	18-S	38-E	L

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with 200 sxs.
TOC SURF Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 350 sxs.
TOC 1756' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 150 sxs.
TOC 3140' Determined by CBL
Hole size

Liner
Size 4-1/2" Cemented with 65 sxs.
TOC 3813' Determined by CALC-50% EFFIC
Hole size

Total depth 4250'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 2430 sqz hole, 480 sxs circulated

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

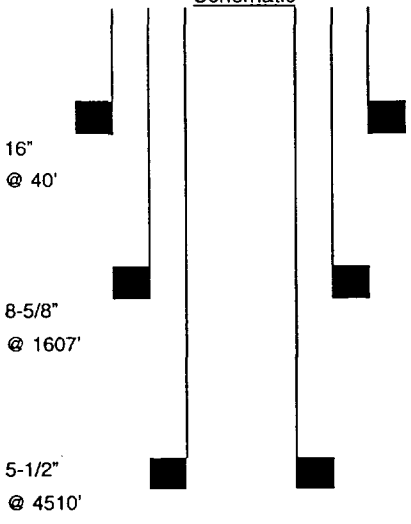
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-222	1720' FNL & 1370' FWL	32	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 800 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 900 sxs.
TOC 724' Determined by CBL
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

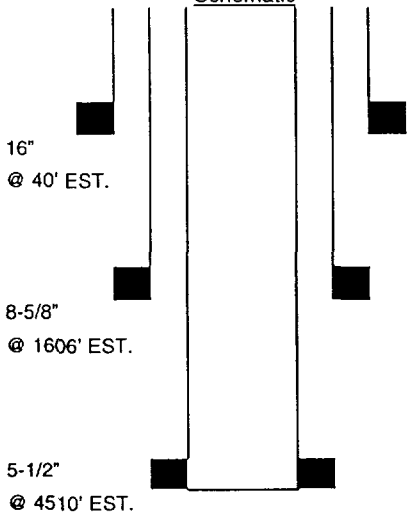
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	32	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

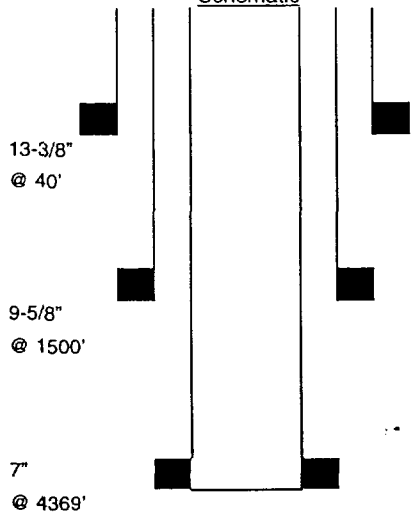
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-223	2630' FNL & 1420' FWL	32	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 600 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 975 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

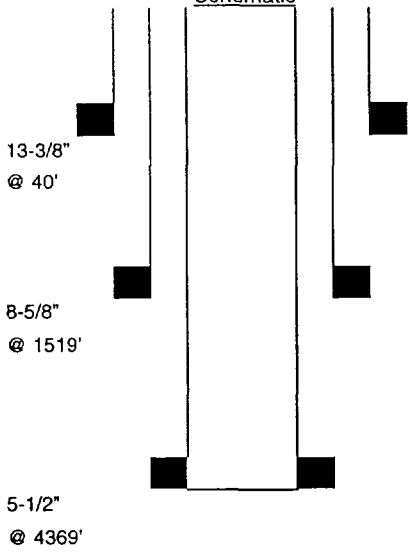
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-312	210' FNL & 1400' FEL	32	18-S	38-E	B

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with NA sxs.
TOC NA Determined by NA
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 650 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1120 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

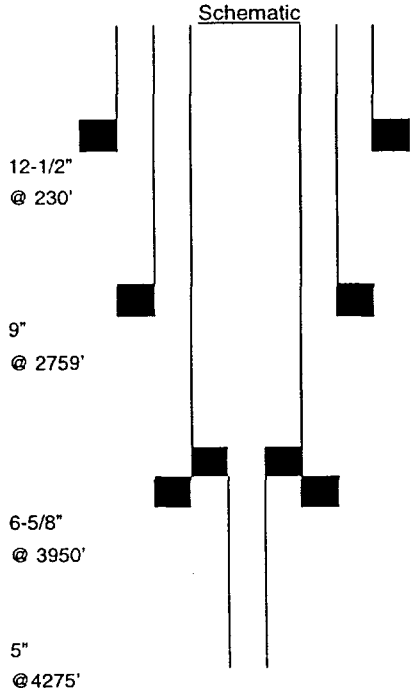
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-321	1650' FNL & 2310' FEL	32	18-S	38-E	G

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with NA sxs.
TOC NA Determined by NA
Hole size

Intermediate Casing
Size 9" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Long string Casing
Size 6-5/8" Cemented with N/A sxs.
TOC 2472' Determined by CBL
Hole size

Liner (Proposed)
Size 5" Cemented with 50 (est.) sxs.
TOC TOL (est.) Determined by
Hole size

Total depth 4275'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 3094', 3145-72', 165 sxs

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

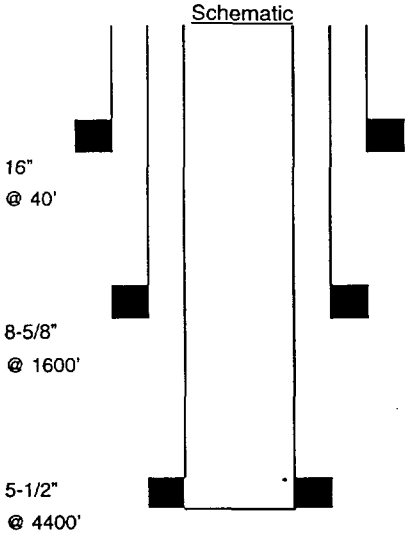
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-323	1370' FNL & 1400' FEL	32	18-S	38-E	G

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 1000 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 920 sxs.
TOC 3624' Determined by MICRO-SEISMO.
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4400'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

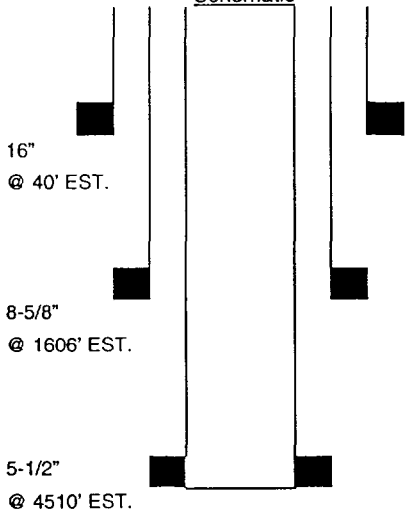
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	32	18-S	38-E	A

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

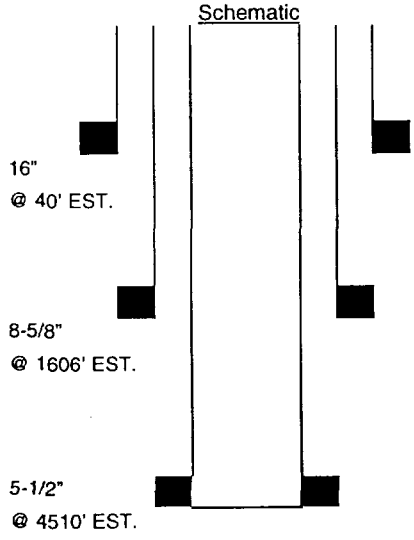
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
New Well	TBD	32	18-S	38-E	G

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 850 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 EST. sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4510' EST.

Injection interval
Approx. 4000 feet to 4500 feet

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? [Yes] No
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

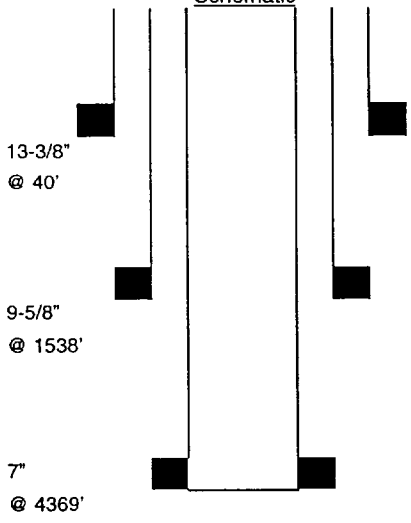
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-422	1385' FNL & 110' FEL	32	18-S	38-E	H

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 425 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 570 sxs.
TOC 1032' Determined by CALC-50% EFFIC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

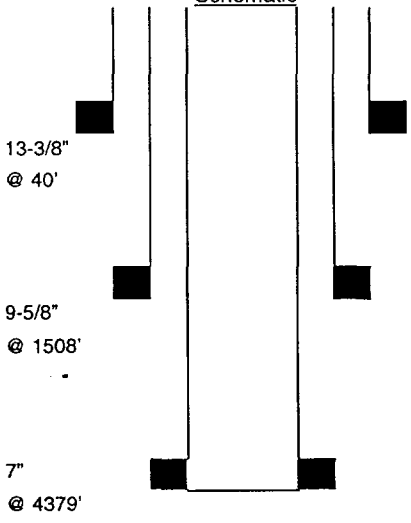
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-423	2540' FNL & 1280' FEL	32	18-S	38-E	H

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with N/A sxs.
TOC N/A Determined by N/A
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 580 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 7" Cemented with 925 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4380'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

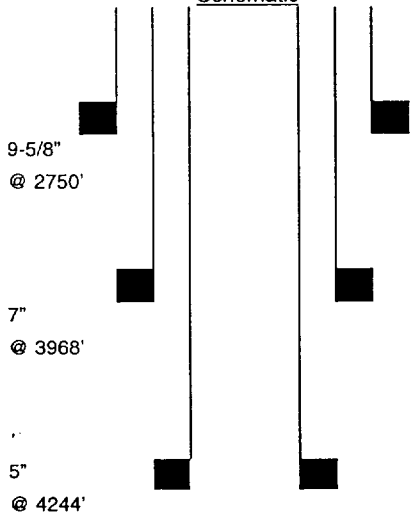
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
32-431	2310' FSL & 330' FEL	32	18-S	38-E	I

Schematic



Tubular Data

Surface Casing
Size 9-5/8" Cemented with 475 sxs.
TOC 1415' Determined by CALC-50% EFFIC
Hole size

Intermediate Casing
Size 7" Cemented with 350 sxs.
TOC 1919' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 5" Cemented with 65 sxs.
TOC 3406' Determined by CALC-50% EFFIC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4245'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 266, 1567 sqz holes, 100 sxs

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

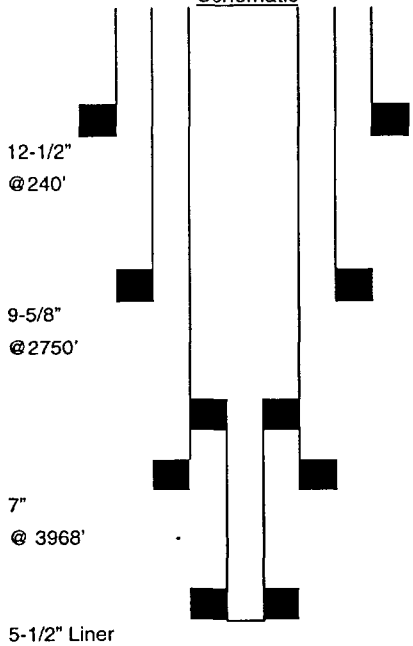
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
33-111	330' FNL & 330' FWL	33	18-S	38-E	D

Schematic



Tubular Data

Surface Casing
Size 12-1/2" Cemented with 200 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 9-5/8" Cemented with 600 sxs.
TOC 619' Determined by CALC-50% EFFIC
Hole size

Long string Casing
Size 7" Cemented with 225 sxs.
TOC 2651' Determined by CALC-50% EFFIC
Hole size

Liner
Size 5-1/2" Cemented with 95 sxs.
TOC 3923' Determined by CALC-50% EFFIC
Hole size

Total depth 4237'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 2800' with 275 sxs cmt,

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

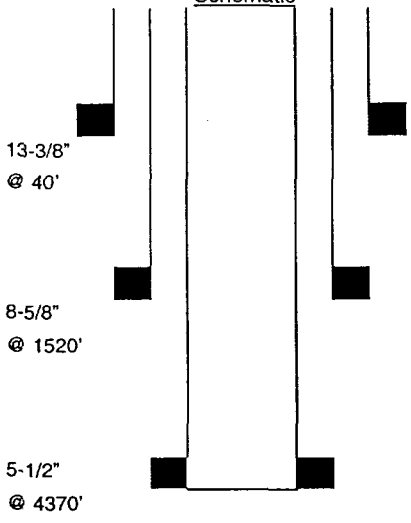
Grayburg – 3270, Glorieta - 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
33-212	205' FNL & 1420' FWL	33	18-S	38-E	C

Schematic



Tubular Data

Surface Casing
Size 13-3/8" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 875 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 900 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4370'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

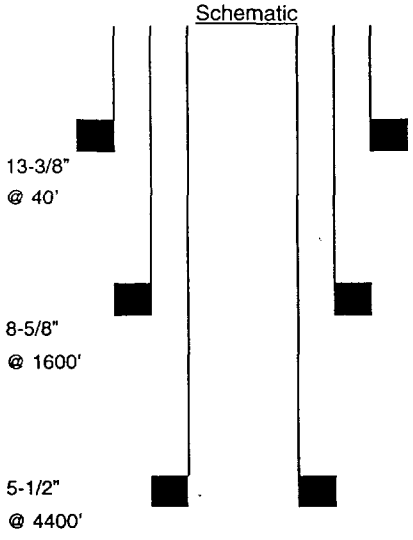
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
33-222	1520' FNL & 1470' FWL	33	18-S	38-E	F

Schematic



Tubular Data

Surface Casing
Size 16" Cemented with 40 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 800 sxs.
TOC SURF Determined by CIRC
Hole size

Long string Casing
Size 5-1/2" Cemented with 1100 sxs.
TOC SURF Determined by CIRC
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4400'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Injection

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

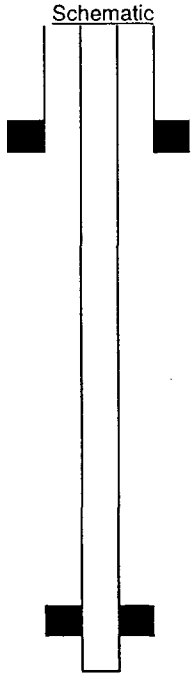
Grayburg – 3270, Glorieta – 5300

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
36-321	1650' FNL & 1650' FEL	36	18-S	37-E	G

Schematic



Tubular Data

Surface Casing
Size 8- 5/8" Cemented with 350 sxs.
TOC SURF Determined by CIRC
Hole size

Intermediate Casing
Size Cemented with sxs.
TOC Determined by
Hole size

Long string Casing
Size 5-1/2" Cemented with 400 sxs.
TOC 2825' Determined by TS
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth Proposed to deepen to 4300'
(Current TD is 4293')

Injection interval
Approx. 4000 feet to TD

Completion type Open Hole

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI Packer at Within 100 feet of the top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [No]
If no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.

Byers 3740, Glorieta – 5300

C-108 Notice List

Surface Owners

Alton W. Howell
1811 Bensing Rd
Hobbs, NM 88240

Ann M. Kirk
3701 W. Bender Blvd.
Hobbs, NM 88240

Armstrong Construction Company
P.O. Box 1873
Roswell, NM 88201

Billy L. Hoyl
6031 Archwood
San Antonio, TX 78239

Carl L. Smelcer
1909 E. Kansas
Hobbs, NM 88240

Carlton D. Slaughter
1733 Bensing Rd
Hobbs, NM 88240

Cecil J. Taylor
c/o Flora B. Davis
2525 N. Bensing
Hobbs, NM 88240

Charles and Sally Seed Trust
4721 Lovington Highway
Hobbs, NM 88240

DMMT, Inc.
P.O. Box 1461
Hobbs, NM 88240

Eloise H. Schubert
c/o Grimes Land Co.
P.O. Box 5102
Hobbs, NM 88241

Frankie J. Birdsell
P.O. Box 891
Hobbs, NM 88240

Gary L. Jones
P.O. Box 1786
Hobbs, NM 88040

Grimes Land Company, Ltd. Co.
P.O. Box 5102
Hobbs, NM 88241

Hugh Davis
1823 Gary Lane
Hobbs, NM 88240

James Ray Serviss
20 Redwing Terrace
N. Falmouth, MA 02556

Jerry L. Berry
200 Cottrell Lane
Hobbs, NM 88240

Jerry T. Burkett
1903 Gary Lane
Hobbs, NM 88240

Jody Powers
1916 Carr Lane
Hobbs, NM 88240

Joe B. Conaway Trust
3919 W. Bender
Hobbs, NM 88240

Johnny P. & Lisa M. Brown
P.O. Box 1033
Brunswick, ME 04011

Jorge Velasquez
1831 Bensing
Hobbs, NM 88240

Leonard Caffey
625 E. Mesa
Hobbs, NM 88240

Leonard E. Stansberry
2131 N. Carr Lane
Hobbs, NM 88240

Lisa Moore & Wylie Swiney
1812 gary Lane
Hobbs, NM 88240

Patsy L. Kerbo
P.O. Box 1813
Hobbs, NM 88241

R. V. Kerbo
P.O. Box 1813
Hobbs, NM 88241

R.V. & Patsy L. Kerbo
1800 Gary Lane
Hobbs, NM 88240

Ronaldo F. Montoya
526 Christine
Las Vegas, NM 87701

Smith & Sons Construction/Welding Inc.
2705 W. County Rd
Hobbs, NM 88240

Southwest Supply Ltd
P.O. Box 2488
Hobbs, NM 88241

C-108 Notice List

Surface Owners

State of New Mexico
310 Old Santa Fe Trail
Santa Fe, NM 87504

Virgil Wittman
1902 N. Gary Lane
Hobbs, NM 88240

W.A. Cox
1811 Gary Lane
Hobbs, NM 88240

William Grimes Maddox
c/o RM&S Enterprises
419 E. Arriba
Hobbs, NM 88240

C-108 Notice List

Offset Operators and Others

Jimmy Roberson Energy
PO Box 729
Benton, LA 71006

Dwight A. Tipton
PO Box 1597
Lovington, NM 88260-1597

Yale E. Key
(Truckers Brine Station)
PO Box 2040
Hobbs, NM 88241

Saga Petroleum
415 W. Wall St, STE 835
Midland TX 79701

Texland Petroleum
777 Taylor St, STE 102
Fort Worth, TX 76102

Conoco
10 Desta Drive, STE 100W
Midland, TX 79705

Brothers Production Co.
PO Box 7515
Midland, TX 79708-7515

Texaco
PO Box 3109
Midland, TX 79702

Robinson Oil
PO Box 1829
Eunice, NM 88231

Bureau of Land Management
Roswell District Office
2909 West Second Street
Roswell, NM 88201

Oil Conservation Division
Hobbs District Office
1625 N. French Drive
Hobbs, NM 88240

Techsys Resources
PO Box 19465
Houston, TX

Ralph Bruton
8200 Brookriver Drive, STE 610
Dallas, TX 75247-4069

Rice Operating
122 W. Taylor
Hobbs, NM 88240

Burleson
PO Box 2479
Midland, TX 79702-2479

Marcum Drilling
PO Box 3699
Midland, TX 79702-3699

Plains Marketing
10 Desta Drive, STE 200
Midland, TX 79705

Apache
2000 Post Oak Blvd, STE 100
Houston, TX 77056-4400

HRC Inc
PO Box 5102
Hobbs, NM 88241

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87504-1148

Oxy Permian FACTS

- Operated daily production – over 200,000 barrels of oil equivalent
- World class CO_2 expertise; operate 17 CO_2 fields
- 50% of current production comes from CO_2 floods
- 14,000 producing/injecting wells
- 400 wells being drilled in 2001
- 7 operated gas plants
- Ownership in 8 of the 10 largest Permian fields
- One million net acres
- 850 employees
- Acquired Altura Energy (a merger of all Shell & Amoco Permian Basin E&P assets) in April 2000
- Owned by Occidental Petroleum Corporation, the world's largest "independent" oil and gas company

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Permit No. 10

OXY Permian

1017 W. Stanolind
Hobbs, NM 88240

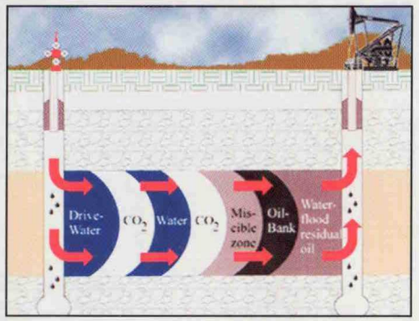
Oxy Permian & The City Of Hobbs

A Discussion about CO_2 Flooding

OXY Permian

Q. What is CO_2 flooding?

A. CO_2 (carbon dioxide) flooding is a form of enhanced oil recovery that allows additional recovery of oil trapped in an oil-bearing reservoir.



Different processes are used to maximize effective oil recovery from a known reservoir. The first phase or "primary" production involves pumping oil directly from the reservoir. The second phase typically involves waterflooding, which consists of pumping water into the oil reservoir to push additional oil to the production wells for recovery.

When waterflooding is completed, there is typically 50% of the original oil-in-place still remaining in the reservoir. At this point, CO_2 is used to further increase the amount of oil ultimately recovered from the reservoir.

When CO_2 is injected into a waterflooded reservoir, it acts like a solvent for the remaining oil trapped within the pore structure of the reservoir rock. The CO_2 combines with the residual oil to increase its volume and reduce its viscosity. This action frees up oil to flow once again toward the production wells.

Sometimes the CO_2 injection is alternated with water injection to further enhance recovery.

Currently, there are approximately 50 CO_2 projects ongoing in the Permian Basin, pumping out 150,000 barrels of oil per day in enhanced oil recovery production. Many of these projects have been producing for more than 15 years. CO_2 flooding technology has been proven safe, environmentally responsible, and effective. Oxy Permian employees have the most experience developing and operating this type of project in West Texas and southeastern New Mexico.

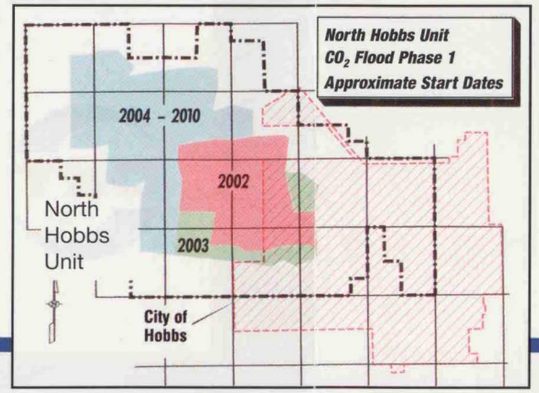
Q. What are Oxy Permian's plans for CO_2 flooding in the Hobbs area?

A. Starting early next year, Oxy Permian will begin construction of a major CO_2 flood project at its North Hobbs Unit. Company reservoir engineers estimate the recovery project will extend the life of the North Hobbs Unit by more than 20 years and possibly result in the recovery of an additional 75 million barrels of oil.

This project is the largest CO_2 flood project undertaken in the Permian Basin over the past 15 years.

Phase I will encompass over 8,000 acres northwest of Hobbs and will involve new drilling and the reactivation of numerous shut-in wells.

With more than three decades of experience in the Permian Basin, Oxy's world-class CO_2 team is the industry leader in developing and operating this type of project safely and efficiently.

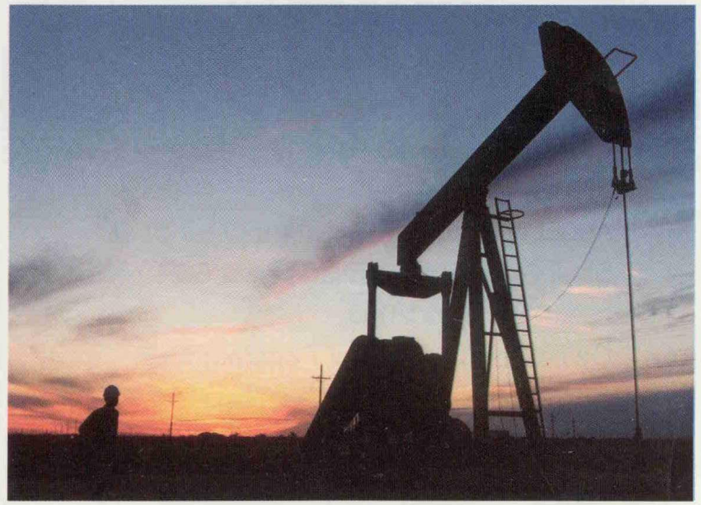


Q. How will this project benefit the Hobbs community?

A. Oxy Permian and its working interest owners will invest approximately $130 million on well work and facility construction to complete the Phase I project. Between 200 and 300 contract employees will be hired during Phase I construction starting early in 2002.

In addition to the creation of these jobs, Oxy Permian and its contractors will purchase local goods and services. Furthermore, this project increases the value of and the annual taxes paid by the North Hobbs Unit.

In short, this project means new jobs during the construction phases, more dollars flowing through the local economy, a bigger tax base, and the extension of North Hobbs Unit oil production in Lea County for at least another 20 years.



OXY Permian

LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

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