



580 WestLake Park Blvd.
Houston, TX 77079
PO Box 4294
Houston, TX 77210-4294
Phone: 281-552-1000

November 9, 2000

State of New Mexico
Energy, Minerals & Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87505

NOV 13 2001

Attn: Mr. Mark Ashley
Engineering Bureau

RE: North Hobbs (Grayburg/San Andres) Unit
Hobbs; Grayburg – San Andres Pool
Well No. 144
Letter M, Section 32, T-18-S, R-38-E
Lea County, NM

Dear Mr. Ashley:

In follow up to our telecon this date, please see the attached copy of Form C-103 filed with the Hobbs District Office of the NMOCD on 10/23/00 showing that in conjunction with the conversion of the subject well to injection, North Hobbs (G/SA) Unit Well No. 144 was perf'd at 4092' – 4154'. As such, and in accordance with Administrative Order No. PMX-205, the maximum injection pressure will not exceed .2 psi per foot of depth to the uppermost injection perforation (4092' x .2 psi = 818 psi).

If you have any questions or require additional information concerning this matter, please call me at (281) 552-1158.

Very truly yours,

Mark Stephens

Mark Stephens
Business Analyst (SG)

Attachment

CC: Oil Conservation Division
Hobbs District Office
1625 N. French Drive
Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

COPY

Form C-103
Revised 1-1-89

FILE IN TRIPLICATE

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

2040 Pacheco St.
Santa Fe, NM 87505

DISTRICT II
811 S. 1st Street, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO. 30-025-31662

5. Indicate Type of Lease
FED ☐ STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101 FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

NORTH HOBBS (G/SA) UNIT

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

8. Well No. 144

2. Name of Operator
Occidental Permian Ltd.

3. Address of Operator
1017 W. Stanolind Rd., HOBBS, NM 88240 505/397-8200

9. Pool name or Wildcat HOBBS (G/SA)

4. Well Location
Unit Letter M : 786 Feet From The SOUTH Line and 1175 Feet From The WEST Line
Section 32 Township 18S Range 38E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT GR, etc.)
3627 GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: Convert to water injector ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)
SEE RULE 1103.

1. Tag TD at 4350'.
2. Test Squeeze perfs at 4041-89.
3. Add perfs 4092-4154.
4. Stimulate perfs
5. Run injection equipment

Permit to inject has been approved.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE PROD ENGR DATE 10/23/00
TYPE OR PRINT NAME D. NELSON TELEPHONE NO. 505/397-8200

(This space for State Use)

APPROVED BY [Signature] TITLE ORIGINAL SIGNED BY DATE NOV 01 2000
CONDITIONS OF APPROVAL IF ANY: GARY WINK
FIELD REP. II

LAW OFFICES

HEIDEL, SAMBERSON, NEWELL & COX

C. GENE SAMBERSON
MICHAEL T. NEWELL
LEWIS C. COX, III

311 NORTH FIRST STREET
POST OFFICE DRAWER 1599
LOVINGTON, NM 88260
TELEPHONE (505) 396-5303
FAX (505) 396-5305

F.L. HEIDEL
(1913-1985)

RECEIVED

SEP 14 2000

PATRICK B. MCMAHON

September 13, 2000

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87505

**Re: Expansion of Pressure Maintenance Project
North Hobbs (Greyburg/San Andres) Unit
Hobbs; Greyburg/San Andres Pool
Well No.534
Letter J, Section 33, T-18-S, R-38-E
Lea County, New Mexico**

9-15-00
FILED RETURN RECEIPT
TO MR. NEWELL. MR.
NEWELL STATED THAT THE
RETURN RECEIPT SIGNED
THE CLAIMS/DETERMINATIONS,
ALL NOTING FURTHER,
IS REQUIRED.
MM

Dear Sir/Madam,

On or about August 23, 2000, Rodger Gray, President of Yucca Land Company, received a letter dated July 17, 2000, from Occidental Permian Ltd. regarding its request to convert the North Hobbs (G/S) Unit Well No.534 from production to water injection. Mr. Gray received this letter because Yucca Land Company is the surface owner of the location of Well No.534.

Enclosed is a copy of the July 17, 2000 letter, an Affidavit from Mr. Gray's employee, Annabel Alvarez, stating that she signed for the aforesaid letter on or about August 23, 2000, and a copy of the envelope in which said letter arrived.

According to Occidental's July 17, 2000 letter, all surface owners "...have been notified of this application by certified mail." This statement was false as Mr. Gray did not receive his letter until 37 days after it was allegedly mailed by Occidental. Confirmation with Sylvia Dickey, of the Hobbs OCD office, indicates that Occidental's request to convert Well No.534 to injection was granted by the Division on August 14, 2000. In addition, a review of the copy of the envelope reveals a rather suspicious black mark that conveniently covers the date stamp. This mark was on the envelope when it was received by Ms. Alvarez.

Letter to State of New Mexico
Oil Conservation Division
September 13, 2000
Page two.

Under current Division guidelines, a surface owner such as Mr. Gray would have fifteen (15) days from the date notice is mailed by Occidental to file objections to and request a hearing of Occidental's proposed conversion of Well No.534. Occidental did not provide proper notice to Mr. Gray as required by Division guidelines. In fact, Occidental's request to convert Well No.534 had been granted by the Division nine (9) days prior to Mr. Gray even receiving notice. Couple these facts with the rather suspicious black mark covering the postage date and you can see that Mr. Gray did not receive proper notice of Occidental's request to convert Well No.534.

Based on the above facts, I am requesting the following;

1. That the Division declare its August 14, 2000 Order granting Occidental's request to convert Well No.534 as being void for lack of reasonable notice.
2. That the Division set a hearing to review Occidental's request to convert Well No.534 to water injection and any objections to such conversion.
3. That the Division request Occidental to submit the original return receipt notification that accompanied their July 17, 2000 letter to Yucca Land Company to the Division.
4. That the Division review the following objections to Occidental's request to convert Well No.534 to water injection.
 - A. Appropriate geologic data required in Paragraph VIII of Form C-108 was not provided to the surface owner or made reasonably available for his review.
 - B. Geological data submitted by Occidental as per Paragraph VIII of Form C-108, as submitted by Occidental, is outdated.
 - C. Appropriate logging and test data on Well No.534, required in Paragraph X of Form C-108, was not provided to the surface owner or made reasonably available for his review.
 - D. Chemical analysis of fresh water required in Paragraph XI of Form C-108 was not provided to the surface owner or made reasonably available for his review.

Letter to State of New Mexico
Oil Conservation Division
September 13, 2000
Page three.

- E. Chemical analysis of freshwater required in Paragraph XI of Form C-108, as submitted by Occidental, is outdated considering recent trends in groundwater quality in the vicinity of Well No.534 and that the date of the chemical analysis relied upon by Occidental is over twenty (20) years old.

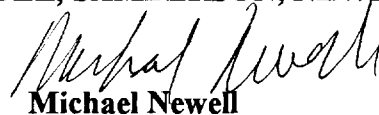
Had the above-referenced information been provided, Mr. Gray may have had other objections to Occidental's request to convert Well No.534 to water injection. Accordingly, Mr. Gray reserves the right to submit to the Division further objection after a review of the information submitted in Paragraphs VII, X and XI.

I look forward to discussing this matter with you.

Sincerely,

HEIDEL, SAMBERSON, NEWELL & COX

By:


Michael Newell

MTN:cd
Enclosure
pc: Yucca Land Company

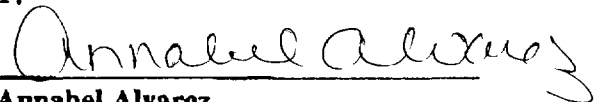
AFFIDAVIT

STATE OF NEW MEXICO)
 : ss
COUNTY OF LEA)

I, **ANNABEL ALVAREZ** being duly sworn and deposed states as follows:

1. My name is Annabel Alvarez. I am competent to testify to the information set forth below.
2. I am employed at Permian Ford as cashier and have held that position since October, 1999.
3. Part of my job duties include picking up mail, including mail which comes to 1000 N. Dal Paso, Hobbs, New Mexico.
4. In carrying out those duties I signed for the registered letter, which contained the notice of this matter, on or about August 23, 2000.
5. The envelope appeared in the form as reflected on the copy attached with the date stamp lined out.

FURTHER AFFIANT SAYETH NAUGHT:

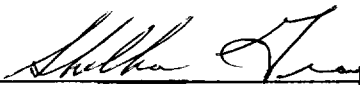


Annabel Alvarez

SUBSCRIBED AND SWORN TO before me this 13 day of September, 2000, by
Annabel Alvarez.

My Commission Expires:

11-13-03



NOTARY PUBLIC



580 WestLake Park Blvd.
Houston, TX 77079
PO Box 4294
Houston, TX 77210-4294
Phone: 281-552-1000

July 17, 2000

State of New Mexico
Energy, Minerals & Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87505

RE: Expansion of Pressure Maintenance Project
North Hobbs (Grayburg/San Andres) Unit
Hobbs; Grayburg – San Andres Pool
Well No. 534
Letter J, Section 33, T-18-S, R-38-E
Lea County, NM

Gentlemen:

Occidental Permian Limited Partnership respectfully requests administrative approval for expansion of the subject pressure maintenance project by converting North Hobbs (G/SA) Unit Well No. 534 from production to water injection. Administrative Order No. R-6199 granted November 30, 1979, authorized Shell Western E&P Inc. (Occidental Permian Limited Partnership's predecessor) to conduct the North Hobbs (G/SA) Unit pressure maintenance project within the Hobbs; Grayburg – San Andres Pool.

The following data is submitted in support of this request:

- Form C-108 with miscellaneous data attached
- Form C-102
- A map reflecting the location of the proposed injection well (No. 534). The map identifies all wells located within a two-mile radius of the proposed injector and has a one-half mile radius circle drawn around the proposed injection well which identifies the well's Area of Review.
- An injection well data sheet
- A tabulation of data on all wells of public record within the well's Area of Review



Occidental Permian Ltd.

580 WestLake Park Blvd.
Houston, TX 77079
PO Box 4294
Houston, TX 77210-4294
Phone: 281-552-1000

- Schematics of plugged wells of public record within the well's Area of Review
- A list of Offset Operators and Surface Owners (these parties have been notified of this application by certified mail)
- An Affidavit of Publication and copy of the legal advertisement that was published in the county in which the well is located.

Your favorable consideration of our request will be appreciated. If you have any questions of a technical nature, please call David Nelson at (505) 397-8211. Otherwise, please call me at (281) 552-1158.

Very truly yours,

Mark Stephens

Mark Stephens
Business Analyst (SG)

CC: Oil Conservation Division
Hobbs District Office
1625 N. French Drive
Hobbs, NM 88240

State of New Mexico
Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

Offset Operators (see attached list)

Surface Owners (see attached list)

Fold at line over top of envelope to
highlight the return address

CERTIFIED

P 436 313 662

MAIL



Altura
ENERGY LTD

Altura Energy Ltd
P.O. Box 4294
Houston, TX 77210-4294

8/1/98
8.23-09
8.23-09

Yucca Land Company
P.O. Box 2550
Hobbs, NH 88240

Attrn:
Mark Ashley
Cover + 1

UNITED STATES POSTAL SERVICE


 First-Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-10

• Print your name, address, and ZIP Code in this box •

 Occidental Permian Limited Partnership
 P.O. Box 4294
 Houston, TX 77210-4294

 Attn: Mark Stephens
 Rm. 338-B, WL2


Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Yucca Land Company
 P.O. Box 2550
 Hobbs, NM 88240
4a. Article Number

P 436 313 662

4b. Service Type

- | | |
|--|---|
| ☐ Registered | ☒ Certified |
| ☐ Express Mail | ☐ Insured |
| ☒ Return Receipt for Merchandise | ☐ COD |

7. Date of Delivery**5. Received By: (Print Name)****6. Signature: (Addressee or Agent)**
8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

FOR WELLS 28131,32144,33111,33211,33534,33631															
Well Name	API No.	Sec.	T	R	Un	Drill	Well	TD or	Top	Bot.	Sqz.	Csg.	Hole	Depth	No. of
Operator					Ltr	Date	Type	PBTD	Perf	Perf	Perfs	Size	Size		Sxs.
28111	30-025- 07422	28 -18S	-38E	D	7/34	I	4288	4214	4273	4041-4053	15.5	18	296	200	CIRC
Altura										4073-4097	10	12.75	2704	150	2304
										4106-4120	7	8.75	3956	250	2244
										4147-4160	4.5	6.25	3913-4234	50	CIRC**
										4172-4182					
28121	30-025- 07420	28 -18S	-38E	E	9/30	P	4247	4139	4233	NONE	12.5	16	228	245	CIRC**
Altura							PBTD				9.625	11.75	2750	700	CIRC**
											7	8.75	3942	300	3065-CBL
											4.5	6.25	3893-4250	65	3893-CBL
28122	30-025- 28964	28 -18S	-38E	E	12/84	P	4326	4034	4264	NONE	13.375	17.5	40	NA	NA
Altura							Cmt				8.625	12.25	1525	675	CIRC
											5.5	7.875	4384	740	300-CBL
28131	30-025- 12497	28 -18S	-38E	L	9/30	P	4263	4048	4263	3190-3202	12.5	16	238	200	CIRC
Altura										4124-4151	9.625	12	2751	600	CIRC
											7	8.75	3973	225	3086-CBL
											5.5	7.875	3932-4233	100	3932-CBL
28132	30-025- 23277	28 -18S	-38E	L	11/69	P	4257	4019	4255	4144-4146	13.375	17.5	352	200	CIRC
Altura							PBTD			4158-4172	9.625	12	3816	1400	1922
											7	8.75	3611-7143	335	3611
28141	30-025- 12496	28 -18S	-38E	M	9/30	P	4228	4066	4220	4033	12.5	16	236	225	CIRC
Altura							CIBP			4035	9.625	12	2750	475	CIRC
										4038	7	8.75	3960	350	2450
										4040	5	6.5	4228	65	2990
28142	30-025- 23246	28 -18S	-38E	M	10/69	P	4030	3890	3968	NONE	13.375	17.5	372	350	CIRC
Altura							PBTD				9.625	12.25	3787	1400	CIRC**
											7	8.75	3589-7102	720	CIRC

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of		TOC
															Sxs.	Sxs.	
28221 Altura	30-025- 07429	28 -18S	-38E	F	2/59	I	4318	4172	4318	4153	10.75	15	581	600			CIRC
										4164	7	8.75	4242	682			CIRC
28231 Altura	30-025- 07421	28 -18S	-38E	K	11/33	I	4240	4087	4224	4051-4054	15.5	18	246	150			CIRC**
							PBTD				9.625	12.25	2750	150			2315
											7	8.75	3955	250			2443**
											5.5	6.25	3918-4230	100			3027
28232 Altura	30-025- 28882	28 -18S	-38E	K	12/84	I	4326	4141	4290	NONE	13.375	17.5	40	NA			NA
							PBTD				8.625	12.25	1520	725			CIRC
											5.5	7.875	4370	1000			CIRC
28241 Altura	30-025- 12498	28 -18S	-38E	N	9/34	P	4260	4061	4260	4004-4010	12.5	16	256	150			CIRC
										4023-4026	9.625	12	2770	150			3094**
											7	8.75	1800	250			CIRC**
											5.5	7.875	4229	100			3334
28242 Altura	30-025- 29276	28 -18S	-38E	N	7/85	I	4423	4213	4347	NONE	13.375	17.5	40	NA			NA
							PBTD				9.625	12	1509	650			CIRC
											7	8.75	4470	1005			CIRC
28243 Altura	30-025- 23304	28 -18S	-38E	N	10/69	P	6300	5890	5967	4898	13.375	17.5	348	250			CIRC
							PBTD			4904	9.625	12.25	3805	1400			CIRC**
										4910	7	8.75	3602-6350	500			CIRC
										4918							
										4922							
28331 Altura	30-025- 07412	28 -18S	-38E	J	5/35	P	4280	4015	4268	4081-4093	10.75	13.5	245	150			CIRC
											7.625	9.625	1635	300			186
											5.5	6.25	4015	300			2662-CBL

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec	T	R	Un Ltr	Drill Date	Well Type	ID or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole		No. of Sxs.	TOC	
													Size	Depth		Sxs.	TOC
												4.5	6.5	3987-4280	100	3987	
28341 Altura	30-025- 12489	28 -18S	-38E		O	7/34	P	4262	4084	4258	382	13.375	17.5	222	180	CIRC	
								PBTD			4268-4276	9.625	12.25	1637	300	766	
											4128-4171	7	8.75	3975	400	2912-CBL	
												5	6.25	3928-4276	100	4009-CBL	
28431 Altura	30-025- 07413	28 -18S	-38E		I	8/35	P	4225	3993	4218	2660	10.75	13.5	225	150	CIRC**	
												7.625	9.625	1640	400	CIRC**	
												5.5	7.875	3993	400	2698-CBL	
28441 Altura	30-025- 07411	28 -18S	-38E		P	1/35	I	4272	4102	4257	NONE	10.75	13.5	243	150	CIRC	
								PBTD				7.625	9.625	1634	300	185	
												5.5	6.25	4015	300	CIRC	
29321 Altura	30-025- 07431	29 -18S	-38E		G	9/30	P	4301	4137	4271	3895	12.5	16	211	250	CIRC	
								PBTD			4100	9.625	11.75	2756	250	921	
												7	8.75	3995	300	2930-CBL	
												5	6.25	3812-4308	100	3894-CBL	
29331 Altura	30-025- 07436	29 -18S	-38E		J	9/30	I	4261	4100	4258	4044-4065	9.625	11.75	2742	500	907	
												7	8.75	3929	300	2115	
												4.5	6.25	4270	450/300	3788 CBL	
29411 Altura	30-025- 07454	29 -18S	-38E		A	10/30	I	4335	4200	4335	4102-4137	12.5	16	245	250	CIRC	
											4057-4091	9.625	11.75	2750	650	365**	
											4154-4158	7	8.75	4045	300	2231**	
												5.5	6.25	3941-4223	30	3941**	
29421 Altura	30-025- 07459	29 -18S	-38E		H	11/30	PA	308	3880	4232	NONE	12.5	16	220	200	CIRC**	
								CICR				9.625	11.75	2720	600	518**	
												7	8.75	3880	300	2914-CBL	
												5.5	6.25	3796-4236	50	3866	
29431	30-025- 07458	29 -18S	-38E		I	10/30	P	4227	4155	4225	4010	15.5	18	228	200	CIRC**	

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Altura								PBTD			4075	9.625	12.25	2720	600	978**
												7	8.75	3900	400	2086**
												5.5	6.25	3209-4229	120	3209**
29441 Altura	30-025-07444	29 -18S		-38E	P	10/30	P	4211 PBTD	4058	4266	4020-4028	13.375	18	232	150	CIRC**
												9.625	12	2743	1400	CIRC**
												7	8.75	3950	300	3240-CBL
												5	6.5	4172	22	4020
29442 Altura	30-025-28885	29 -18S		-38E	P	2/85	I	4237 CIBP	4065	4210	4031 4036	13.375 9.625	17.5 12.25	40 1536	NA 575	CIRC CIRC
												7	7.875	4370	1100	CIRC
29544 Altura	30-025-34644	29 -18S		-38E	P	7/99	P	4359 PBTD	4124	4256	NONE	14 8.625	18 12.25	40 1565	50 725	CIRC CIRC
												5.5	7.875	4400	775	CIRC
31341 Altura	30-025-07500	31 -18S		-38E	O	7/35	I	4226 PBTD	4157	4224	NONE	12.5 9.625	18 12	251 1526	150 200	CIRC CIRC
												7	8.75	3980	250	3056
												5.5	7.875	3880-4229	576	3880
31431 Altura	30-025-12758	31 -18S		-38E	I	7/34	P	4222 PBTD	3962	4225	NONE	12.5 9.625	18 12	233 2766	150 150	25** 3088**
												7	8.75	3962	250	2876-CBL
												5.5	6.25	3923-4224	100	NA
31441 Altura	30-025-07498	31 -18S		-38E	P	9/30	TA	3875 CIBP	3939	4215	NONE	12.5 9	16 12	242 2800	200 600	CIRC** 741**
												6.625	8.75	3975	200	2820-CBL
												5	6.25	3930-4219	71	3930
32131 Altura	30-025-07527	32 -18S		-38E	L	9/34	P	4250 PBTD	4116	4237	4067-4150	13.375 9.625	17.5 12.25	212 2740	200 350	CIRC** 1896**
												7	8.75	3966	150	3972**

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg Size	Hole Size	Depth	No. of Sxs.	TOC
												4.5	6.25	3813-4250	65	3813**
32132 Altura	30-025- 27139	32 -18S	-38E	L	12/80	I	4466	4128	4254	4092-4097		16	20	40	40	CIRC
							PBTD					8.625	12.25	1550	875	CIRC
												5.5	7.875	4510	1275	CIRC
32141 Altura	30-025- 07523	32 -18S	-38E	M	9/30	I	4256	4146	4256	4078-4105 4122-4130		13.375 9.625	17 12.25	257 2794	200 600	CIRC** 396**
												7	8.75	3908	405	CIRC
												5.5	6.25	3840-4192	60	2900-CBL
32142 Altura	30-025- 28265	32 -18S	-38E	M/N	9/83	I	4360	4175	4313	NONE		16	20	40	40	CIRC
							PBTD					8.625	12.25	1525	850	CIRC
												5.5	7.875	4460	680	CIRC**
32143 Altura	30-025- 28943	32 -18S	-38E	G	11/30	P	4341	4077	4181	320-350		13.375 9.625	16 11.75	40 1534	150 625	CIRC 1289
												7	8.75	4373	830	3133-CBL
32223 Altura	30-025- 28944	32 -18S	-38E	F	5/85	I	4325	4079	4251	NONE		13.375 9.625	17.5 12.25	40 1500	NA 600	NA CIRC
												7	8.75	4369	975	CIRC
32231 Altura	30-025- 07521	32 -18S	-38E	K	8/30	P	4030	3876	4222	4068-4083 4109-4168		15.5 9.625	17.5 12.25	207 2738	200 600	CIRC 996
							PBTD					7	8.75	3946	300	2246
												4	6.25	3701-4194	90	3701
32232 Altura	30-025- 23035	32 -18S	-38E	K	4/69	P	4201	4115	4191	4234-4236		13.375 8.625	17.5 11	383 3829	400 500	CIRC 2041*
							PBTD					5.5	7.875	6019	450	3685-CBL
32241 Altura	30-025- 07533	32 -18S	-38E	N	2/49	P	4236	4065	4236	1398-1399 3670-3730		13.375 7	17.5 8.75	328 4094	325 1425	CIRC 2337
							PBTD			4065-4072						

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
32312 Altura	30-025- 29017	32 -18S	-38E	B	12/84	P	4362	3945	4297		NONE	13.375	17.5	40	NA	NA
							PBTD					8.625	12.25	1519	650	CIRC
												5.5	7.875	4369	1120	CIRC
32323 Altura	30-025- 26973	32 -18S	-38E	G	12/80	I	4292	4062	4276		4293-4332	16	20	40	40	CIRC
							PBTD					8.625	12.25	1600	1000	CIRC
												5.5	7.875	4400	920	3624-CBL
32331 Altura	30-025- 07538	32 -18S	-38E	J	9/30	I	4220	3940	4200		1414	15.5	18	300	250	CIRC
							PBTD				2670	9.625	11.75	2750	300	915 (Calc 50%)
											3964-3997	7	8.75	3940	700	CIRC
											4050-4261	5	6.25	4247	750	2430-CBL
32332 Altura	30-025- 29173	32 -18S	-38E	J	4/85	P	4310	4055	4208		4019-4021	13.375	17.5	40	NA	NA
							PBTD					9.625	12.25	1534	680	CIRC
												7	8.75	4356	875	CIRC
32341 Altura	30-025- 07539	32 -18S	-38E	O	10/30	I	4234	4092	4230		NONE	16	20	221	250	CIRC**
							PBTD					9.625	12.25	2750	556	1136**
												7	8.75	3925	225	2564**
												5	6.25	4235	120	3366-CBL
32343 Altura	30-025- 29906	32 -18S	-38E	O	6/87	P	4220	4141	4208		4000-4002	14	18	40	NA	NA
							PBTD				4224-4035	9.625	12.25	1498	1400	CIRC
												7	8.75	4370	1350	CIRC
32411 Altura	30-025- 07516	32 -18S	-38E	A	9/30	P	4272	3939	4160		NONE	12.5	16	224	200	CIRC**
												9.625	11.75	2740	400	1272**
												7	8.75	3939	500	2690-CBL
32421 Altura	30-025- 07517	32 -18S	-38E	H	8/30	P	4210	4092	4202		4046-4056	12.5	16	245	200	CIRC**
							PBTD				4158-4192	9.625	12	2755	600	CIRC**
											4203-4218	7	8.75	3950	225	2385-CBL

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot Perf	Sqz.		Csg Size	Hole		No. of Sxs.	TOC
											Perfs	Size		Size	Depth		
												5.5	7.875	7.875	3916-4219	125	CIRC**
32422	30-025- 29074	32	-18S	-38E	H	3/85	P	4257	3874	4222	4047-4057	13.375	17.5	17.5	40	NA	NA
Altura								PBTD			4090	9.625	12.25	12.25	1538	425	CIRC
												7	8.75	8.75	4369	570	1470
32424	30-025- 23130	32	-18S	-38E	H		P	5210	4128	4244	NONE	13.375	17.5	17.5	350	350	CIRC**
Altura								PBTD				8.625	12.25	12.25	3790	1300	CIRC**
												5.5	7.875	7.875	3580-7015	650	3580**
33111	30-025- 12505	33	-18S	-38E	D	9/30	P	4160	4050	4176	4011-4021	12.5	16	16	240	200	CIRC
Altura								PBTD			4041-4048	9.625	11.75	11.75	2750	600	CIRC
											4061-4070	7	8.75	8.75	3968	225	2987**
											4130-4136	5.5	7.875	7.875	3923-4236	95	CIRC**
											4142-4149						
											4150-4161						
											4162-4166						
											4171-4172						
33121	30-025- 07559	33	-18S	-38E	E	8/30	P	4279	4053	4223	NONE	12.5	16	16	184	NA	NA
Altura												9.625	11.75	11.75	2755	NA	NA
												7	8.75	8.75	3951	250	2632**
												4.5	6.25	6.25	4279	175	2730-CBL
33131	30-025- 07544	33	-18S	-38E	L	9/30	P	4243	4050	4238	365	15.5	18	18	208	373	CIRC
Altura								PBTD			928	9.625	12.25	12.25	2750	500	1289
												7	8.75	8.75	3953	300	2870-CBL
												5	6.25	6.25	3922-4243	100	3057
33142	30-025- 28411	33	-18S	-38E	M	12/83	I	4296	4067	4236	4027	16	20	20	40	NA	CIRC
Altura								PBTD			4040	8.625	12.25	12.25	1540	750	CIRC
											4068-4116	5.5	7.875	7.875	4370	910	320-CBL
33211	30-025- 07564	33	-18S	-38E	C	6/34	P	4223	4076	4222	3993-4008	12.5	16	16	296	150	CIRC**
Altura								PBTD				9.625	12.25	12.25	2760	150	3191**

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
												7	8.75	3930	250	2601**
												5.5	7.875	3884	250	3800-CBL
												5.5	7.875	3887-4226	82	3887**
33212 Altura	30-025-29026	33 -18S	-38E	C	12//84	I	4327	4029	4231		NONE	13.375	17.5	40	40	CIRC
							PBTD					8.625	12.25	1600	875	CIRC
												5.5	7.875	4370	900	CIRC
33213 Altura	30-025-29065	33 -18S	-38E	C	2//85	P	4328	4027	4255		NONE	13.375	17.5	40	NA	NA
							PBTD					8.625	12.25	1551	675	CIRC
												5.5	7.875	4370	775	CIRC
33221 Altura	30-025-07560	33 -18S	-38E	F	9//30	I	4185	4047	4230		606	12.5	16	237	125	CIRC
							CIBP				3145-3146	9.625	11.75	2770	400	CIRC
											4043-4052	7	8.75	4012	275	CIRC
												5	6.25	4242	100	2850-CBL
33222 Altura	30-025-26975	33 -18S	-38E	F	10//80	I	4322	4054	4276		4206-4210	16	20	40	40	CIRC
							CIBP				4214-4218	8.625	12.25	1600	800	CIRC
												5.5	7.875	4400	1100	CIRC
33231 Altura	30-025-07545	33 -18S	-38E	K	10//30	I	4259	4042	4228		4043-4050	15.5	18	183	250	CIRC
												9.625	12.25	2732	600	990**
												7	8.75	3946	310	2860-CBL
												5	6.25	3860-4235	50	3871
33232 Altura	30-025-26834	33 -18S	-38E	K	9//80	I	4395	4130	4148		4050-4054	16	20	40	40	CIRC
							PBTD				4096-4101	8.625	12.25	1590	700	CIRC
												5.5	7.875	4439	750	CIRC
33233 Altura	30-025-28410	33 -18S	-38E	K	12//83	P	4290	4047	4246		NONE	16	20	40	NA	NA
							PBTD					8.625	12.25	1582	750	CIRC
												5.5	7.875	4350	875	65
33234	30-025-29275	33 -18S	-38E	K	6//85	P	4373	4046	4224		NONE	13.375	17.5	40	NA	NA

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Altura												9.625	12.25	1503	650	CIRC**
												7	8.75	4372	1125	CIRC**
33241 Altura	30-025- 07547	33 -18S	-38E	N	2/32	P	4252	4052	4252		259	15.5	18	223	387	CIRC
							PBTD				4094-4236	9.625	12.25	2754	600	1012
												7	8.75	3971	350	1990
												5	6.25	4236	150	3918
33311 Altura	30-025- 07555	33 -18S	-38E	B	8/34	P	4216	4086	4216		NONE	13.375	17.5	292	200	CIRC**
												9.625	12.25	2746	350	1905**
												7	8.75	3930	250	2601**
												5.5	7.875	4221	NA	NA
33312 Altura	30-025- 29199	33 -18S	-38E	B	6/85	P	4362	3945	4270		NONE	13.375	17.5	40	NA	CIRC
							PBTD					9.625	12.25	1510	650	CIRC
												7	8.75	4421	975	CIRC
33321 Altura	30-025- 07548	33 -18S	-38E	G	1/33	P	4244	4093	4234		7" Casing	15.5	18	267	235	CIRC
											Depth ?	9.625	12.25	2756	400	1604**
												7	8.75	3970	350	1343**
												5.5	7.875	4244	300	1830
33322 Altura	30-025- 27169	33 -18S	-38E	G	1/81	I	4392	4058	4230		NONE	16	20	40	40	CIRC
							PBTD					8.625	12.25	1600	850	CIRC
												5.5	7.875	4510	915	CIRC
33323 Altura	30-025- 28951	33 -18S	-38E	G	7/85	P	4370	4003	4182		NONE	13.375	17.5	40	NA	NA
							PBTD					9.625	12.25	1157	650	CIRC
												7	8.75	4370	925	CIRC
33331 Altura	30-025- 07546	33 -18S	-38E	J	11/31	P	4234	4181	4209		524	15.5	18	232	425	CIRC
											1116-1176	9.625	12.25	2757	600	1009
												7	8.75	3930	325	1972
												5	6.25	3871-4232	50	3871

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Operator					Ltr											
33341	30-025-12757	33	-18S	-38E	O	12//31	P	4247	4058	4090	4196-4206	15.5	18	215	350	CIRC
Altura											4210-4220	9.625	12.25	2755	600	1013
												7	8.75	3981	325	2016
												5	6.25	3923-4237	100	3923
33342	30-025-28267	33	-18S	-38E	O	10//83	I	4331	4068	4256	NONE	16	20	40	40	CIRC
Altura								PBTD				8.625	12.25	1565	650	CIRC
												5.5	7.875	4380	725	CIRC
33411	30-025-07556	33	-18S	-38E	A	11//34	P	4256	4095	4256	4020-4058	13.375	17	285	200	CIRC**
Altura												9.625	12.25	2739	SQZD	CIRC
												7	8.75	3970	150	CIRC
												5.5	6.25	3919-4175	40	3919**
33412	30-025-29932	33	-18S	-38E	H	7//87	P	4436	4171	4341	NONE	9.625	12.25	1542	650	CIRC
Altura												7	8.75	4436	1250	CIRC
33421	30-025-07554	33	-18S	-38E	H	9//32	P	4235	4100	4163	2000	13.375	18	221	175	CIRC**
Altura												9.625	12.25	2761	500	1310**
												6.625	8.75	3959	250	3050-TS
												5.5	6.25	3911-4163	40	3911**
33422	30-025-28268	33	-18S	-38E	H	11//83	I	4476	4144	4313	NONE	16	20	30	40	CIRC
Altura												8.625	12.25	1664	650	CIRC
												5.5	7.875	4476	750	CIRC
33431	30-025-07553	33	-18S	-38E	I	11//31	P	4227	4038	4169	NONE	13.375	17	241	200	CIRC
Altura												9.625	12.25	2741	600	999
												7	8.75	3940	225	2579
												5.5	6.25	3908-4190	40	3908
33432	30-025-28269	33	-18S	-38E	I	11//83	I	4390	4107	4297	NONE	16	20	40	NA	NA
Altura												8.625	12.25	1572	750	CIRC
												5.5	7.875	4438	950	CIRC

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.		Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot Perf	Sqz. Perfs	Csg Size	Hole Size	Depth	No. of Sxs.	TOC
						Ltr											
33433 Altura	30-025-	30308	33	-18S	-38E	I	5/88	P	4270	4057	4084	NONE	9.625	12.25	1510	650	CIRC
									PBTD				7	8.75	4430	1150	CIRC
33521 Altura	30-025-	34643	33	-18S	-38E	C	9/99	P	4360	4104	4260	NONE	14	18	40	50	CIRC
									PBTD				8.625	12.25	1565	795	CIRC**
													5.5	7.875	4400	1655	4050-CBL
33523 Altura	30-025-	34372	33	-18S	-38E	F	7/98	P	4376	4095	4268	NONE	14	18	40	50	CIRC**
									PBTD				8.625	12.25	1560	800	CIRC**
													5.5	7.875	4406	1000	CIRC**
33534 Altura	30-025-	34373	33	-18S	-38E	J	7/98	P	4370	4107	4244	4072-4106	14	18	40	50	CIRC**
									PBTD				8.625	12.25	1564	800	CIRC**
													5.5	7.875	4402	740	CIRC**
33545 Altura	30-025-	34416	33	-18S	-38E	G	8/98	P	4511	4275	4354	NONE	14	18	40	50	CIRC**
									PBTD				8.625	12.25	1550	800	CIRC**
													5.5	7.875	4558	1000	CIRC**
SHU #5 Altura	30-025-	07565	33	-18S	-38E	P	12/31	P	4241	4050	4208	3183-3187	16	20	209	125	CIRC**
												3254-3258	10.75	16	2752	400	3165**
												3994-4025	8.625	12.25	3946	140	5247**
												4025-4038	5.5	7.875	4220	300	2900**
SHU #11 Altura	30-025-	07614	5	-18S	-38E	B	10/30	P	4220	4062	4180	180	13.375	18	201	150	CIRC**
												590	9.625	12.25	2761	500	979**
												2761-3061	7	8.875	3930	230	3088**
												4046-4165	5.5	6.25	4175	50	4202**
SHU #12 Altura	30-025-	07625	5	-19S	-38E	D		PA	3566	4100	4232	4062-4066	16	20	185	75	88**
													10.75	14	2782	350	2593**
													6.625	7.875	3977	150	2960**
													4	6.25	3850-4229	50	CIRC**

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
SHU #13 Altura	30-025- 07624	3 -19S	-38E	B	10/30	I	4243		4058	4173	NONE	16	20	163	55	106**
												10.75	13.375	2749	300	2403**
												6.625	7.875	3920	150	2874**
												5	6.25	4190	750	CIRC**
SHU#14 Altura	30-025- 28970	34 -18S	-38E	K	9/30	I	4231	4127	4214	4214	4020-4044	12.25	16	214	75	64**
												9.625	12.25	2810	500	1052**
												7	8.75	3968	300	1999**
												4.5	6.25	3795-4232	80	3795**
SHU #120 Altura	30-025- 26115	5 -18S	-38E	C	1/79	I	4204	4110	4197	4197	4063-4095 4104-4107	11.75	15	1510	850	CIRC
							PBTD					8.625	11	3873	950	CIRC
												5.5	7.875	3684-4270	82	3684**
SHU #177 Altura	30-025- 28975	5 -18S	-38E	D	11/84	P	4223	4105	4211	4211	4215-4276	14	18	40	4 YDS.	???
							PBTD					8.625	12.25	1475	488	CIRC
												5.5	7.875	4330	731	CIRC
SHU #178 Altura	30-025- 28976	5 -19S	-38E	C	12/84	P	4290	4116	4248	4248	NONE	14	18	40	4.5 YDS.	???
							PBTD					8.625	12.25	1486	825	CIRC
												5.5	7.875	4299	1465	CIRC**
SHU #179 Altura	30-025- 28977	5 -19S	-38E	F	11/84	P	4213	4106	4198	4198	4202-4264	14	18	40	6.5 YDS.	???
							PBTD					8.625	12.25	1490	875	CIRC
												5.5	7.875	4316	1400	CIRC
SHU #182 Altura	30-025- 27628	5 -19S	-38E	F	12/81	P	4163	4113	4241	4241	NONE	9.625	12.25	402	250	CIRC
							PBTD					7	8.75	3402	900	CIRC
												4.5	6.125	4299	539	CIRC
SHU #211 Altura	30-025- 29750	5 -18S	-38E	F/E	10/86	TA	4272	4173	4263	4263	NONE	14	18	36	NA	NA
							PBTD					8.625	12.25	1460	1000	CIRC
												5.5	7.875	4367	1000	CIRC

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBT	Top Perf	Bot Perf	Sqz Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
SHU #228	30-025- 31212	5	-18S	-38E	D	6/91	P	4300	3896	4216	4014-4050	10.75	14.75	1608	1100	CIRC
Altura							PBTD					7	9.875	4310	1300	CIRC
STATE A #5	30-025- 08409	32	-18S	-38E	H	10/48	PA	2200	NA	NA	NONE	8.625	11	391	200	CIRC**
Altura								CMT				5.5	7.75	3120	800	
STATE B #3	30-025- 12752	33	-18S	-38E	C	11//47	PA	3169	3158	3166	NONE	8.625	11	428	200	CIRC**
Altura												4.5	7.875	3124	850	
STATE B #4	30-025- 12508	33	-18S	-38E	D	12/47	PA	3192	3145	3186	NONE	8.625	11	413	200	CIRC**
Altura												4.5	7.875	3120	850	
STATE B #6	30-025- 23330	33	-18S	-38E	C	11//69	P	7062	6639	6931	5948-5956	13.375	17.5	350	300	CIRC
Altura												9.625	12.25	3805	1400	CIRC**
												7	8.75	3609-7062	805	CIRC**
STATE G #3	30-025- 07562	33	-18S	-38E	F	11//48	PA	3208	3175	3178	NONE	9.625	12.25	462	250	CIRC
Altura												5.5	7.875	3100	1000	CIRC
STATE G #4	30-025- 07563	33	-18S	-38E	E	12//49	PA	3210	3187	3190	NONE	10.75	15	448	400	CIRC
Altura												5.5	7.375	3108	800	CIRC
STATE G #6	30-025- 23334	33	-18S	-38E	F	11//69	P	6441	6204	6148	450-452	11.75	17.5	420	540	CIRC
Altura								PBTD			3410-3412	8.625	11	1831	370	1831-TS
											5930-5962	5.5	7.875	6009	400	3500-TS
												4	4.75	5815-7041	75	5815**
STATE HF #1	30-025- 26368	33	-18S	-38E	P	9//79	P	7013	6701	6922	NONE	13.375	17.5	385	450	CIRC
Altura								PBTD				9.625	12.25	4260	1237	CIRC

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot Perf	Sqz. Perfs	Csg. Size	Hole		No. of Sxs.	TOC	
													Size	Depth		Sxs.	TOC
TURNER TR. 2 #30 Altura	30-025- 26375	33 -18S	-38E	E	2/1/80	P	7012	6665	6986	2060-2062	13.375	17.5	420	450	CIRC	2860-TS	CIRC
StA #3 Amerada	30-025- 07517	32 -18S	-38E	B	1/1/47	PA	3164	3149	3150	NA	10.75	13.75	221	200	CIRC**	CIRC**	CIRC**
StA #4 Collins & Ware	30-025- 23076	32 -18S	-38E	B	4/1/69	TA	5325	5375	5966	NA	11.75	15	380	350	CIRC	2400	5281**
StA #5 Collins & Ware	30-025- 23116	32 -18S	-38E	A	6/1/69	P	6954	6674	6936	NA	11.75	15	385	400	CIRC**	1099**	4772**
State B #5 Collins & Ware	30-025- 07434	29 -18S	-38E	G	12/1/48	P	3224	3136	3224	1680-1682	10.75	13.75	220	200	CIRC**	CIRC**	CIRC**
McKinley #8 Amoco	30-025- 07626	5 -19S	-38E	D	6/1/48	TA	3170	3172	3220	355	9.625	12.125	336	200	CIRC**	CIRC**	CIRC**
McKinley #19 Amoco	30-025- 07628	5 -19S	-38E	E	7/1/48	TA	3080	3134	3250	NONE	9.625	12.25	452	275	CIRC**	CIRC**	CIRC**
State Bradley #2 Arco	30-025- 07636	6 -19S	-38E	A	3/1/48	PA	3273	3200	3273	NONE	8.625	12	483	250	CIRC**	CIRC**	CIRC**

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OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Nora Berry #6 Ralph C. Bruton	30-025-12502	31	-18S	-38E	P	11/47	P	3242	3179	3242	NONE	8.625	11	420	200	CIRC**
												4.5	7.875	3179	800	CIRC**
St I #5 Texland	30-025-23173	29	-18S	-38E	O	7/69	P	6970	6648	6930	NONE	8.625	12.25	3808	300	3418**
												6.625	8.75	3575	530	CIRC**
												5.5	7.875	7022	NA	NA
Grimes A #11 Chevron	30-025-07529	32	-18S	-38E	F	12/47	PA	3169	3140	3169	NA	9.625	12.25	294	200	CIRC**
									OH			7	8.75	3130	600	CIRC**
Grimes A #13 Chevron	30-025-07531	32	-18S	-38E	E	2/48	PA	3222	3140	3222	NA	8.625	12	299	225	CIRC**
									OH			5.5	7.375	3129	600	CIRC**
WD Grimes NCT-B #7 Texland	30-025-23438	33	-18S	-38E	B	3/70	P	7059	5836	7008	5848-5988	13.375	17.5	368	400	CIRC
								PBTD				9.625	12.25	3859	2000	CIRC
												7	8.75	7099	485	3635
Grimes #5 Conoco	30-025-07414	28	-18S	-38E	O	12/47	PA	3218	3199	3209	3199-3209	10.75	13.75	422	300	CIRC**
												5.5	7.375	3204	650	CIRC**
Grimes #6 Conoco	30-025-07415	28	-18S	-38E	J	12/47	PA	3255	3236	3249	NONE	10.75	12.25	424	350	CIRC**
												7	8.75	3255	550	CIRC**
St A #4 Conoco	30-025-07439	29	-18S	-38E	J	2/47	PA	3215	3167	3194	NA	10.75	15	200	250	CIRC**
												5.5	7.875	3200	600	CIRC**
State A-33 #8 Conoco	30-025-07549	33	-18S	-38E	L	9/48	PA	3200	3148	3197	3148-3197	13.375	17.5	362	300	CIRC**
												5.5	7.875	3199	1200	CIRC**

** Denotes calculated TOC with 50% efficiency

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Operator					Ltr											
State A-33 #11	30-025- 07552	33	-18S	-38E	G	5//49	PA	3194	3090	3161	NONE	10.75	15	402	375	CIRC**
Conoco												5.5	7.875	3190	1200	CIRC**
State A-33 # 12	30-025- 23195	33	-18S	-38E	L	9//69	P	6985	6686	6946	NONE	13.375	17.5	422	375	CIRC
Brothers Prod. Co.								PBTD				9.625	12.5	3750	325	2850
												7	8.75	7018	525	3700
WD Grimes #6	30-025- 23400	29	-18S	-38E	I	2//70	P	7018	6631	6984	NONE	13.375	17.5	377	400	CIRC**
Lewis B. Burleson								PBTD				9.625	12.25	3847	2300	CIRC**
												7	8.75	7049	540	3458**
Grimes A #12	30-025- 07530	32	-18S	-38E	L	2//48	PA	3038	3145	3234	NONE	9.625	12.25	292	200	CIRC**
Gulf								CIBP				7	8.75	3134	700	CIRC**
Grimes B #5	30-025- 07557	33	-18S	-38E	B	5//48	PA	3055	3130	3226	NONE	9.625	13.375	300	250	CIRC
Gulf								CMT				5.5	7.875	3120	700	CIRC**
WD Grimes #14	30-025- 07532	32	-18S	-38E	M	4//48	PA	2600	NONE	NONE	NONE	8.625	12	313	235	CIRC
Gulf																
						This well was never completed.										
WD Grimes #14-Y	30-025- 07534	32	-18S	-38E	M	4//48	PA	3100	3141	3256	NONE	9.625	12.25	318	225	CIRC**
Gulf								CIBP				5.5	8.75	3130	800	CIRC**
WD Grimes B #6	30-025- 07558	33	-18S	-38E	I	4//49	PA	2956	3150	3229	350	9.625	12.25	289	225	CIRC
Gulf								CIBP				5.5	7.875	3140	775	550-TS
WD Grimes NCT-B #8	30-025- 24928	33	-18S	-38E	H	2//75	P	6935	6654	6850	5728-5993	13.375	17.5	398	450	CIRC
Tex Land								PBTD				9.625	12.25	3960	1750	CIRC
												7	8.75	7100	470	2510
WD Grimes NCT-B #9	30-025- 28299	33	-18S	-38E	A	9//83	P	7110	6638	6952	NONE	13.75	17.5	415	500	CIRC

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OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs	TOC
Operator																
Texland												8.625	12.25	4289	1740	CIRC
												5.5	7.875	7109	1220	CIRC
WD Grimes #2	30-025- 07455	29	-18S	-38E	A	2//48	PA	4045	NA	NA	NA	8.625	11	242	150	CIRC**
Humble												5.5	7.375	3205	450	
State A #6	30-025- 07540	32	-18S	-38E	O	6//48	TA	3240	3156	3198	NONE	8.625	11	301	125	CIRC**
Saga Petroleum												5.5	7	3116	750	CIRC**
HD McKinley #12	30-025- 07627	5	-19S	-38E	C	8//48	TA	3090	3162	3210	NONE	9.625	12	450	300	CIRC**
Pan American/Aktura								CIBP				5.5	7.375	3140	1000	CIRC**
State A-3 #27	30-025- 07561	33	-18S	-38E	P	7//49	TA	3100	3179	3179	NONE	9.625	13.75	338	250	CIRC
Pan American/Aktura								CIBP				5.5	7.375	3160	700	CIRC
Conoco-State #1	30-025- 23759	33	-18S	-38E	G	8//71	P	7075	5871	6975	NONE	13.375	17.5	418	410	CIRC
Saga Petroleum												9.625	12.25	3799	350	1089
												7	8.75	7075	900	3658
Conoco-State #2	30-025- 23856	33	-18S	-38E	K	11//71	P	7075	5830	6533	NONE	13.375	17	402	410	CIRC
Saga Petroleum												9.625	12.25	3797	350	998
												7	8.75	7075	600	3503
Conoco A State #1	30-025- 24005	33	-18S	-38E	O	2//72	P	7040	5814	6961	NONE	13.375	17	378	350	CIRC
Saga Petroleum								PBTD				9.625	12.25	3800	350	1950
												7	8.75	7080	500	3400
Hobbs State #2	30-025- 23620	29	-18S	-38E	G	1//71	P	6397	6705	7031	6318-6350	9.625	12.75	358	200	CIRC
Marcum Drilling								PBTD				7	8.75	3850	250	2481**
												4.5	6.125	7075	425	1672**

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OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot Perf	Sqz. Perfs	Csg Size	Hole Size	Depth	No. of Sxs.	TOC
WD Grimes #2	30-025- 07427	28 -18S	-38E	F	12/32	PA	2350	CMT	NA	NA	NA	15.5	18	238	200	CIRC**
Repollo/Sinclair												10	12.25	2710	700	CIRC**
												6.625	NA	3974	250	
WD Grimes #6	30-025- 07428	28 -18S	-38E	F	11/47	PA	3325		NONE	NONE	NONE	9.625	13	441	300	CIRC**
Repollo/Sinclair												7	9	3185	800	
State Land S32 #9	30-025- 23309	32 -18S	-38E	J	1/70	P	6710		5954	6560	NONE	13.375	17.5	364	160	90**
Saga Petroleum							CIBP					9.625	12.25	3799	1140	CIRC**
												7	8.75	3573-6998	490	CIRC**
Nora Bery #5	30-025- 07501	31 -18S	-38E	I	10/47	PA	3237		3186	3233	NONE	8.625	11	403	200	CIRC**
Shell												4.5	7.875	3152	850	CIRC**
Grimes #7	30-025- 12499	28 -18S	-38E	N	8/47	PA	3000	CMT	3173	7176	NONE	8.625	11	409	200	CIRC**
Shell												4.5	7.875	3126	850	CIRC**
Grimes #8	30-025- 07423	28 -18S	-38E	L	9/47	PA	3120	CMT	3215	3221	NONE	8.625	11	402	200	CIRC**
Shell												4.5	7.875	2108	850	
WD Grimes #5	30-025- 07424	28 -18S	-38E	L	7/47	PA	3150	CMT	3191	3197	NONE	8.625	11	409	195	CIRC**
Shell												4.5	7.875	1958	600	
WD Grimes #6	30-025- 12500	28 -18S	-38E	M	7/47	PA	3090	CMT	3155	3161	NONE	8.625	11	411	200	CIRC**
Shell												5.5	7.875	2778	1400	
WD Grimes #5	30-025- 07426	28 -18S	-38E	E	10/47	PA	3222		3212	3222	NONE	9.625	13	441	300	CIRC**
Sindair												7	9	3185	600	

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OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

Well Name Operator	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
SI #1	30-025- 07442	29	-18S	-38E	P	8//30	PA	4191	3150	4191	NA	13.375	17.5	217	200	CIRC**
Std of Tx										OH		9	12.25	2735	500	1473**
												6.625	7.875	3907	174	2374**
SI #2	30-025- 07443	29	-18S	-38E	O	9//30	PA	4171	3155	4156	NA	13	17.5	225	150	CIRC**
Std of Tx												9.625	12.25	2810	725	CIRC**
												7	8.75	3951	300	1973**
SI #6	30-025- 23252	29	-18S	-38E	P	8//69	P	6986	6652	6929	NA	9.625	12.25	3800	600	1905**
Texland												7	8.75	3549	700	CIRC**
												5.5	7.875	7013	NA	NA
HD McKinley #5	30-025- 07615	5	-18S	-38E	B	9//48	PA	3775	3638	3722	NONE	9.625	13.75	281	150	CIRC**
Sun Oil Co.								CMT				7	8.75	2073	625	
Grimes #2	30-025- 07457	29	-18S	-38E	H	9//30	PA	1361	3148	3155	NONE	15.5	17.5	218	200	CIRC**
Tidewater								PBTD				9.625	12.25	2754	600	336**
												7	8.75	3880	300	1867**
Grimes #5	30-025- 07460	29	-18S	-38E	H	12//30	PA	4200	3215	4196	NONE	12.5	17.5	214	250	CIRC**
Tidewater												9.625	12.25	2715	600	277**
												7	8.75	3911	400	595**
WD Grimes #1	30-025- 07456	29	-18S	-38E	I	8//30	PA	4160	3168	3189	3259-61	12.5	17.5	236	200	CIRC**
Tidewater											3049-50	9.625	12.25	2712	600	273**
												6.625	8.75	3826	300	2404**
Truckers WTR Co. #WS-2	30-025- 07551	33	-18S	-38E	K	2//49	P	2935	2060	2410	NONE	9.625	12.25	345	200	CIRC
Truckers WTR Co. Inc./								PBTD				5.5	7.875	3195	1000	CIRC

Yale E. Key, Inc.

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