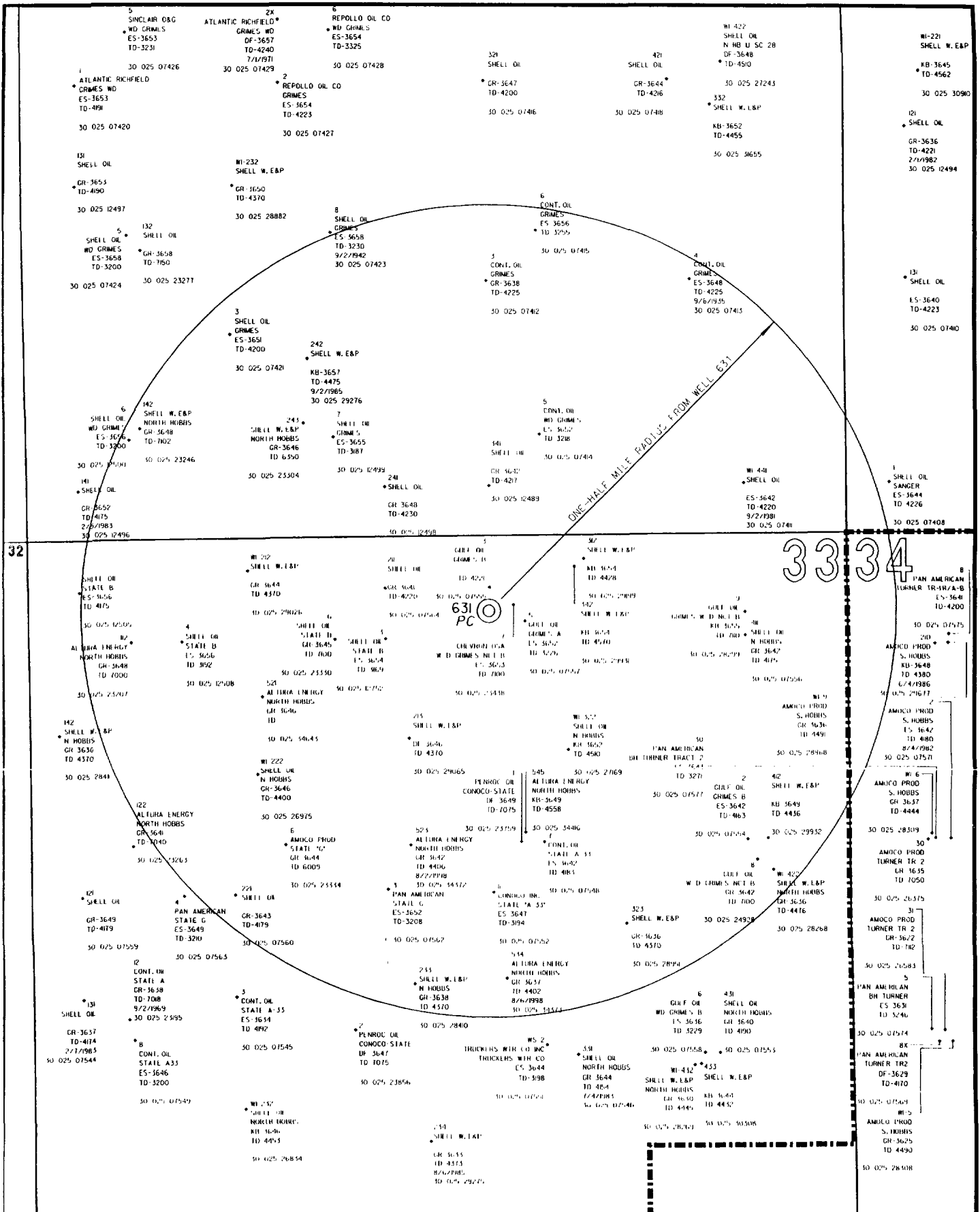




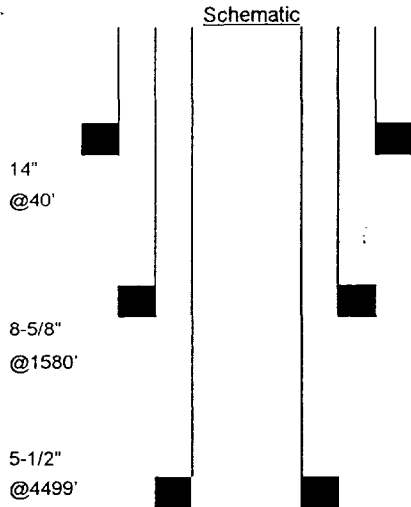
Altura Altura Energy Ltd.
ENERGY, LTD.

Area of Review Plat
**NORTH HOBBS (GRAYBURG
SAN ANDRES) UNIT**
WELL NO. 33-631
T-18-S, R-38-E
Lea County, New Mexico

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

INJECTION WELL DATA SHEET

Operator	Occidental Permian Limited Partnership	Lease	North Hobbs G/SA Unit	County	Lea
Well No.	Footage Location	Section	Township	Range	Unit Letter
33-631	490' FNL & 2325' FEL	33	18-S	38-E	B



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	14"	Cemented with	50 sxs.
TOC	SURF	Determined by	Circ.
Hole size			
<u>Intermediate Casing</u>			
Size	8-5/8"	Cemented with	750 sxs.
TOC	SURF	Determined by	Circ.
Hole size			
<u>Long string Casing</u>			
Size	5-1/2"	Cemented with	1000 sxs.
TOC	SURF	Determined by	Circ.
Hole size			
<u>Liner</u>			
Size		Cemented with	sxs.
TOC		Determined by	
Hole size			
Total depth	4499'		

Injection interval
4100 feet to 4300 feet

Completion type Perforated Casing

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

Guiberson – Uni VI packer at 4000' feet
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs

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

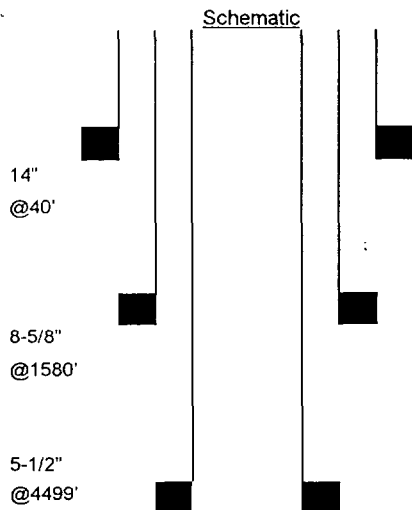
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

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
Well No.	Footage Location	Section	Township	Range	Unit Letter
33-631	490' FNL & 2325' FEL	33	18-S	38-E	B



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	14"	Cemented with	50 sxs.
TOC	SURF	Determined by	Circ.
Hole size			
<u>Intermediate Casing</u>			
Size	8-5/8"	Cemented with	750 sxs.
TOC	SURF	Determined by	Circ.
Hole size			
<u>Long string Casing</u>			
Size	5-1/2"	Cemented with	1000 sxs.
TOC	SURF	Determined by	Circ.
Hole size			
<u>Liner</u>			
Size		Cemented with	sxs.
TOC		Determined by	
Hole size			

Total depth 4499'

Injection interval
4100 feet to 4300 feet

Completion type Perforated Casing

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

Guiberson – Uni VI packer at 4000' feet
(brand and model)

Other Data

1. Name of the injection formation San Andres

2. Name of field or Pool Hobbs

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

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

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. Box 2086, Santa Fe, N.M. 87504-2086

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34994	Pool Code 31920	Pool Name HOBBS: GRAYBURG - SAN ANDRES
Property Code 19520	Property Name NORTH HOBBS G/SA UNIT	Well Number 631
OGRD No. 157984	Operator Name ALTURA ENERGY LTD.	Elevation 3642

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	33	18 S	38 E		490	NORTH	2325	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	33	18 S	38 E		834	NORTH	1520	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	I	U	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

PROPOSED SURFACE LOC. NAD 27 NM EAST ZONE Y = 623919 X = 863400 PROPOSED PENETRATION POINT @ 3882' TVD (TRUE BRG.) S67°08'E - 691' SURF. TO PROP. PENETRATION PT. (TRUE BRG.) S67°08'E - 874' SURF. TO PROP. BOTTOM HOLE LOC. GEOGRAPHIC LOCATION NAD 83 LAT. = 32°42'35.27" N LONG. = 103°09'08.58" W 330' UNIT BOUNDARY OFFSET LINE	PROPOSED SURFACE LOC. NAD 27 NM EAST ZONE Y = 623919 X = 863400 PROPOSED PENETRATION POINT @ 3882' TVD PROPOSED BOTTOM HOLE LOCATION 490' 782' 834' 1520' 1689' 2325' NORTH HOBBS (GRAYBURG-SAN ANDRES) UNIT BOUNDARY	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Mark Stephens</u> Signature <u>Mark Stephens</u> Printed Name <u>Business Analyst (SG)</u> Title <u>March 24, 2000</u> Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. <u>JANUARY 12, 2000</u> Date Surveyed <u>DC</u> Signature & Seal of Professional Surveyor <u>NEW MEXICO</u> Professional Surveyor <u>3/15/2000</u> Date <u>99-11-1105</u> Certificate No. <u>RONALD J. EIDSON 3239</u> <u>GARY EIDSON 12641</u> <u>MACON McDONALD 12185</u>
--	--	---

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Altura Energy LTD P.O. Box 4294 Houston, TX 77210-4294		² OGRID Number 157984
		³ API Number 30-025-34994
⁴ Property Code 19520	⁵ Property Name North Hobbs G/SA Unit	⁶ Well No. 631

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	33	18-S	38-E		490	North	2325	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	33	18-S	38-E		834	North	1520	East	Lea
⁹ Proposed Pool 1 Hobbs; Grayburg - San Andres					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3642
¹⁶ Multiple No	¹⁷ Proposed Depth 4500'	¹⁸ Formation San Andres	¹⁹ Contractor Key Energy	²⁰ Spud Date June, 2000

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
18	14	Conductor	40	50	Surface
12-1/4	8-5/8	24	1650	775	Surface
7-7/8	5-1/2	15.5	4500	750	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

**See attached for proposed drilling program.
BOP Program 3000# Ram Preventer**

Subject well is to be drilled as a water injection well. Injection will not commence until approval for same is granted by the EMRD - Santa Fe.

Note: Well will be drilled closed-loop -- Altura intends to haul drilling fluids and cuttings to Parabo Inc., Eunice, New Mexico

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Mark Stephens Printed name: Mark Stephens (281) 552-1158 Title: Business Analyst (SG)	OIL CONSERVATION DIVISION	
	Orig. Signed by: Paul Kautz	
	Approved by: Geologist	
	Title: MAR 30 2000	Approval Date: MAR 30 2000

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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

LIST OF OFFSET OPERATORS & SURFACE OWNERS

North Hobbs (Grayburg/San Andres) Unit
Well No. 631
Letter B, Section 33, T-18-S, R-38-E
Lea County, New Mexico

Offset Operators

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

Texland Petroleum-Hobbs, LLC
500 Throckmorton, Suite 3100
Ft. Worth, TX 76102-3818

Saga Petroleum LLC
415 W. Wall, Suite 835
Midland, TX 79701

Surface Owner

Texland Petroleum-Hobbs, LLC
500 Throckmorton, Suite 3100
Ft. Worth, TX 76102-3818

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:

Texland Petroleum-Hobbs, LLC
500 Throckmorton, Suite 3100
Ft. Worth, TX 76102-3818

4a. Article Number

P 436 313 663

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.

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

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.
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- 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:

Saga Petroleum LLC
415 W. Wall, Suite 835
Midland, TX 79701

4a. Article Number

P 436 313 664

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)

X

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

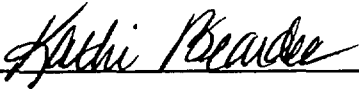
of the Hobbs News-Sun, a
newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of 1
_____ weeks.

Beginning with the issue dated

April 1 2000
and ending with the issue dated

April 1 2000



Publisher

Sworn and subscribed to before

me this 3rd day of

April 2000



Notary Public.

My Commission expires
October 18, 2000
(Seal)

LEGAL NOTICE

April 2, 2000

Notice is hereby given of the application of Altura Energy LTD,
Attn: Mark Stephens, P.O. Box 4294, Rm. 338-B, Houston, TX
77210-4294 (281/552-1158), to the Oil Conservation Division,
New Mexico Energy, Minerals and Natural Resources Depart-
ment, for approval of the following to be drilled injection wells
for the purpose of secondary recovery:

Pool Name: Hobbs; Grayburg- San Andres

Lease/Unit Name: North Hobbs G/SA Unit

Well No. 524

Loc.: 1082' FSL & 1673' FWL, Unit Letter N, Sec. 33, T-18-S,
R-38-E, Lea Co., NM

Well No. 631

Loc.: 490' FNL & 2325' FEL, Unit Letter B, Sec. 33, T-18-S,
R-38-E, Lea Co., NM

The injection formation is the Hobbs; Grayburg- San Andres
Pool between the intervals of +/- 3700' and +/- 5000' below the
surface of the ground. Expected maximum injection rate is
4000 BWPD and the expected maximum injection pressure is
approximately 805 psi. Interested parties must file objections or
requests for hearing with the Oil Conservation Division, 2040
S. Pacheco, Santa Fe, NM 87505 within fifteen (15) days.
#17301

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

02101173000 01539955

Altura Energy LTD.

P. O. Box 4294

Houston, TX 77210-4294

INTENTIONAL OMISSIONS

The following document(s) have been intentionally omitted from this file due to the indicated reasons.

FILE # PMX

DESCRIPTION OF OMITTED DOCUMENTS

OMITTED DOCUMENT

REASON OMITTED

"North Hobb (Grayburg San Andres) Unit" map too large to copy

INTENTIONAL OMISSIONS

The following document(s) have been intentionally omitted from this file due to the indicated reasons.

FILE # PMX 205

DESCRIPTION OF OMITTED DOCUMENTS

OMITTED DOCUMENT	REASON OMITTED
"North Hobbs (Grayburg San Andres) Unit" map	too large to copy
North Hobbs (Grayburg) San Andres Unit Map	"
South Hobbs (Grayburg) San Andres Unit Map	"
North Hobbs (Grayburg - San Andres) Unit Map	"

OFFSET WELLS WITHIN ONE HALF MILE OF PROPOSED INJECTOR

FOR WELLS 28131,32144,33111,33211,33534,33631																
Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
28111 Altura	30-025- 07422	28 -18S		-38E	D	7/34	I	4288	4214	4273	4041-4053 4073-4097 4106-4120 4147-4160 4172-4182	15.5 10 7 4.5	18 12.75 8.75 6.25	296 2704 3956 3913-4234	200 150 250 50	CIRC 2304 2244 CIRC**
28121 Altura	30-025- 07420	28 -18S		-38E	E	9/30	P	4247 PBD	4139	4233	NONE	12.5 9.625 7 4.5	16 11.75 8.75 6.25	228 2750 3942 3893-4250	245 700 300 65	CIRC** CIRC** 3065-CBL 3893-CBL
28122 Altura	30-025- 28964	28 -18S		-38E	E	12/84	P	4326 Cmt	4034	4264	NONE	13.375 8.625 5.5	17.5 12.25 7.875	40 1525 4384	NA 675 740	NA CIRC 300-CBL
28131 Altura	30-025- 12497	28 -18S		-38E	L	9/30	P	4263	4048	4263	3190-3202 4124-4151	12.5 9.625 7 5.5	16 12 8.75 7.875	238 2751 3973 3932-4233	200 600 225 100	CIRC CIRC 3086-CBL 3932-CBL
28132 Altura	30-025- 23277	28 -18S		-38E	L	11/69	P	4257 PBD	4019	4255	4144-4146 4158-4172	13.375 9.625 7	17.5 12 8.75	352 3816 3611-7143	200 1400 335	CIRC 1922 3611
28141 Altura	30-025- 12496	28 -18S		-38E	M	9/30	P	4228 CIBP	4066	4220	4033 4035 4038 4040	12.5 9.625 7 5	16 12 8.75 6.5	236 2750 3960 4228	225 475 350 65	CIRC CIRC 2450 2990
28142 Altura	30-025- 23246	28 -18S		-38E	M	10/69	P	4030 PBD	3890	3968	NONE	13.375 9.625 7	17.5 12.25 8.75	372 3787 3589-7102	350 1400 720	CIRC CIRC** 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
28221 Altura	30-025- 07429	28 -18S	-38E	F	2//59	I	4318	4172	4318	4133-4153	4164	10.75	15	581	600	CIRC
												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	4023-4026	12.5	16	256	150	CIRC
												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	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
												4.5	6.5	3987-4280	100	3987
28341 Altura	30-025- 12489	28 -18S	-38E	O	7/34	P	4262	4084	4258	382	4268-4276 4128-4171	13.375 9.625 7	17.5 12.25 8.75	222 1637 3975	180 300 400	CIRC 766 2912-CBI
												5	6.25	3928-4276	100	4009-CBI
28431 Altura	30-025- 07413	28 -18S	-38E	I	8/35	P	4225	3993	4218	2660		10.75 7.625 5.5	13.5 9.625 7.875	225 1640 3993	150 400 400	CIRC** CIRC** 2698-CBI
28441 Altura	30-025- 07411	28 -18S	-38E	P	1/35	I	4272	4102	4257	NONE		10.75 7.625 5.5	13.5 9.625 6.25	243 1634 4015	150 300 300	CIRC 185 CIRC
29321 Altura	30-025- 07431	29 -18S	-38E	G	9/30	P	4301	4137	4271	3895	4100	12.5 9.625 7 5	16 11.75 8.75 6.25	211 2756 3995 3812-4308	250 250 300 100	CIRC 921 2930-CBI 3894-CBI
29331 Altura	30-025- 07436	29 -18S	-38E	J	9/30	I	4261	4100	4258	4044-4065		9.625 7 4.5	11.75 8.75 6.25	2742 3929 4270	500 300 450/300	907 2115 3788 CBI
29411 Altura	30-025- 07454	29 -18S	-38E	A	10/30	I	4335	4200	4335	4102-4137	4057-4091 4154-4158	12.5 9.625 7 5.5	16 11.75 8.75 6.25	245 2750 4045 3941-4223	250 650 300 30	CIRC 365** 2231** 3941**
29421 Altura	30-025- 07459	29 -18S	-38E	H	11/30	PA	308 CICR	3880	4232	NONE		12.5 9.625 7 5.5	16 11.75 8.75 6.25	220 2720 3880 3796-4236	200 600 300 50	CIRC** 518** 2914-CBI 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	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	4058	4266	4020-4028		13.375	18	232	150	CIRC**
							PBTD					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	4065	4210	4031	4036	13.375	17.5	40	NA	CIRC
							CIBP					9.625	12.25	1536	575	CIRC
												7	7.875	4370	1100	CIRC
29544 Altura	30-025- 34644	29 -18S	-38E	P	7/99	P	4359	4124	4256	NONE		14	18	40	50	CIRC
							PBTD					8.625	12.25	1565	725	CIRC
												5.5	7.875	4400	775	CIRC
31341 Altura	30-025- 07500	31 -18S	-38E	O	7/35	I	4226	4157	4224	NONE		12.5	18	251	150	CIRC
							PBTD					9.625	12	1526	200	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	3962	4225	NONE		12.5	18	233	150	25**
							PBTD					9.625	12	2766	150	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	3939	4215	NONE		12.5	16	242	200	CIRC**
							CIBP					9	12	2800	600	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	4116	4237	4067-4150		13.375	17.5	212	200	CIRC**
							PBTD					9.625	12.25	2740	350	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 Ltr	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 PBTD	4128	4254	4092-4097	16 8.625	20 12.25	40 1550	40 875	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 5.5	8.75 6.25	3908 3840-4192	405 60	CIRC 2900-CBL
32142 Altura	30-025- 28265	32	-18S	-38E	M/N	9/83	I	4360 PBTD	4175	4313	NONE	16 8.625	20 12.25	40 1525	40 850	CIRC CIRC
												5.5	7.875	4460	680	CIRC**
32143 Altura	30-025- 28943	32	-18S	-38E	G	11/30	P	4341 PBTD	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 CIBP	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 PBTD	3876	4222	4068-4083 4109-4168	15.5 9.625	17.5 12.25	207 2738	200 600	CIRC 996
												7 4	8.75 6.25	3946 3701-4194	300 90	2246 3701
32232 Altura	30-025- 23035	32	-18S	-38E	K	4/69	P	4201 PBTD	4115	4191	4234-4236	13.375 8.625	17.5 11	383 3829	400 500	CIRC 2041*
												5.5	7.875	6019	450	3685-CBL
32241 Altura	30-025- 07533	32	-18S	-38E	N	2/49	P	4236 PBTD	4065	4236	1398-1399 3670-3730	13.375 7	17.5 8.75	328 4094	325 1425	CIRC 2337
											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	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 PBTD	3945	4297	NONE	13.375 8.625 5.5	17.5 12.25 7.875	40 1519 4369	NA 650 1120	NA CIRC CIRC
32323 Altura	30-025-26973	32	-18S	-38E	G	12/80	I	4292 PBTD	4062	4276	4293-4332	16 8.625 5.5	20 12.25 7.875	40 1600 4400	40 1000 920	CIRC CIRC 3624-CBL
32331 Altura	30-025-07538	32	-18S	-38E	J	9/30	I	4220 PBTD	3940	4200	1414 2670 3964-3997 4050-4261	15.5 9.625 7 5	18 11.75 8.75 6.25	300 2750 3940 4247	250 300 700 750	CIRC 915 (Calc 50) CIRC 2430-CBL
32332 Altura	30-025-29173	32	-18S	-38E	J	4/85	P	4310 PBTD	4055	4208	4019-4021	13.375 9.625 7	17.5 12.25 8.75	40 1534 4356	NA 680 875	NA CIRC CIRC
32341 Altura	30-025-07539	32	-18S	-38E	O	10/30	I	4234 PBTD	4092	4230	NONE	16 9.625 7 5	20 12.25 8.75 6.25	221 2750 3925 4235	250 556 225 120	CIRC** 1136** 2564** 3366-CBL
32343 Altura	30-025-29906	32	-18S	-38E	O	6/87	P	4220 PBTD	4141	4208	4000-4002 4224-4035	14 9.625 7	18 12.25 8.75	40 1498 4370	NA 1400 1350	NA CIRC CIRC
32411 Altura	30-025-07516	32	-18S	-38E	A	9/30	P	4272	3939	4160	NONE	12.5 9.625 7	16 11.75 8.75	224 2740 3939	200 400 500	CIRC** 1272** 2690-CBL
32421 Altura	30-025-07517	32	-18S	-38E	H	8/30	P	4210 PBTD	4092	4202	4046-4056 4158-4192 4203-4218	12.5 9.625 7	16 12 8.75	245 2755 3950	200 600 225	CIRC** CIRC** 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. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
												5.5	7.875	3916-4219	125	CIRC**
32422 Altura	30-025- 29074	32 -18S	-38E	H	3/85	P	4257 PBTD	3874	4222	4047-4057 4090	13.375	17.5	40	NA	NA	CIRC
											7	8.75	4369	570	1470	
32424 Altura	30-025- 23130	32 -18S	-38E	H		P	5210 PBTD	4128	4244	NONE	13.375	17.5	350	350	CIRC**	CIRC**
											8.625	12.25	3790	1300	CIRC**	CIRC**
											5.5	7.875	3580-7015	650	3580**	
33111 Altura	30-025- 12505	33 -18S	-38E	D	9/30	P	4160 PBTD	4050	4176	4011-4021	12.5	16	240	200	CIRC	CIRC
										4041-4048	9.625	11.75	2750	600	CIRC	
										4061-4070	7	8.75	3968	225	2987**	
										4130-4136	5.5	7.875	3923-4236	95	CIRC**	
										4142-4149						
										4150-4161						
										4162-4166						
										4171-4172						
33121 Altura	30-025- 07559	33 -18S	-38E	E	8/30	P	4279	4053	4223	NONE	12.5	16	184	NA	NA	NA
											9.625	11.75	2755	NA	NA	NA
											7	8.75	3951	250	2632**	
											4.5	6.25	4279	175	2730-CBL	
33131 Altura	30-025- 07544	33 -18S	-38E	L	9/30	P	4243 PBTD	4050	4238	365	15.5	18	208	373	CIRC	CIRC
										928	9.625	12.25	2750	500	1289	
											7	8.75	3953	300	2870-CBL	
											5	6.25	3922-4243	100	3057	
33142 Altura	30-025- 28411	33 -18S	-38E	M	12/83	I	4296 PBTD	4067	4236	4027	16	20	40	NA	CIRC	CIRC
										4040	8.625	12.25	1540	750	CIRC	
										4068-4116	5.5	7.875	4370	910	320-CBL	
33211 Altura	30-025- 07564	33 -18S	-38E	C	6/34	P	4223 PBTD	4076	4222	3993-4008	12.5	16	296	150	CIRC**	CIRC**
											9.625	12.25	2760	150	3191**	

42364'
CNC

** 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	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											
Altura												9.625	12.25	1503	650	CIRC**
												7	8.75	4372	1125	CIRC**
33241	30-025- 07547	33 -18S	-38E	N	2//32	P	4252	4052	4252		259	15.5	18	223	387	CIRC
Altura							PBTD				4094-4236	9.625	12.25	2754	600	1012
												7	8.75	3971	350	1990
												5	6.25	4236	150	3918
33311	30-025- 07555	33 -18S	-38E	B	8//34	P	4216	4086	4216		NONE	13.375	17.5	292	200	CIRC**
Altura												9.625	12.25	2746	350	1905**
												7	8.75	3930	250	2601**
												5.5	7.875	4221	NA	NA
33312	30-025- 29199	33 -18S	-38E	B	6//85	P	4362	3945	4270		NONE	13.375	17.5	40	NA	CIRC
Altura							PBTD					9.625	12.25	1510	650	CIRC
												7	8.75	4421	975	CIRC
33321	30-025- 07548	33 -18S	-38E	G	1//33	P	4244	4093	4234		7" Casing	15.5	18	267	235	CIRC
Altura											Depth ?	9.625	12.25	2756	400	1604**
												7	8.75	3970	350	1343**
												5.5	7.875	4244	300	1830
33322	30-025- 27169	33 -18S	-38E	G	1//81	I	4392	4058	4230		NONE	16	20	40	40	CIRC
Altura							PBTD					8.625	12.25	1600	850	CIRC
												5.5	7.875	4510	915	CIRC
33323	30-025- 28951	33 -18S	-38E	G	7//85	P	4370	4003	4182		NONE	13.375	17.5	40	NA	NA
Altura							PBTD					9.625	12.25	1157	650	CIRC
												7	8.75	4370	925	CIRC
33331	30-025- 07546	33 -18S	-38E	J	11//31	P	4234	4181	4209		524	15.5	18	232	425	CIRC
Altura											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	4210-4220	15.5	18	215	350	CIRC
Altura												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 Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
33433 Altura	30-025-30308	33	-18S	-38E	I	5/98	P	4270 PBTD	4057	4084	NONE	9.625 7	12.25 8.75	1510 4430	650 1150	CIRC CIRC
33521 Altura	30-025-34643	33	-18S	-38E	C	9/99	P	4360 PBTD	4104	4260	NONE	14 8.625 5.5	18 12.25 7.875	40 1565 4400	50 795 1655	CIRC CIRC** 4050-CBL
33523 Altura	30-025-34372	33	-18S	-38E	F	7/98	P	4376 PBTD	4095	4268	NONE	14 8.625 5.5	18 12.25 7.875	40 1560 4406	50 800 1000	CIRC** CIRC** CIRC**
33534 Altura	30-025-34373	33	-18S	-38E	J	7/98	P	4370 PBTD	4107	4244	4072-4106	14 8.625 5.5	18 12.25 7.875	40 1564 4402	50 800 740	CIRC** CIRC** CIRC**
33545 Altura	30-025-34416	33	-18S	-38E	G	8/98	P	4511 PBTD	4275	4354	NONE	14 8.625 5.5	18 12.25 7.875	40 1550 4558	50 800 1000	CIRC** CIRC** CIRC**
SHU #5 Altura	30-025-07565	33	-18S	-38E	P	12/31	P	4241	4050	4208	3183-3187 3254-3258 3994-4025 4025-4038	16 10.75 8.625 5.5	20 16 12.25 7.875	209 2752 3946 4220	125 400 140 300	CIRC** 3165** 5247** 2900**
SHU #11 Altura	30-025-07614	5	-18S	-38E	B	10/30	P	4220	4062	4180	180 590 2761-3061 4046-4165	13.375 9.625 7 5.5	18 12.25 8.875 6.25	201 2761 3930 4175	150 500 230 50	CIRC** 979** 3088** 4202**
SHU #12 Altura	30-025-07625	5	-19S	-38E	D		PA	3566	4100	4232	4062-4066	16 10.75 6.625 4	20 14 7.875 6.25	185 2782 3977 3850-4229	75 350 150 50	88** 2593** 2960** 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 PBD	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	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	4063-4095	11.75	15	1510	850	CIRC
								PBTD			4104-4107	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	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	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	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	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	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 PBT	3896	4216	4014-4050	10.75	14.75	1608	1100	CIRC
Altura												7	9.875	4310	1300	CIRC
STATE A #5	30-025- 08409	32	-18S	-38E	H	10/48	PA	2200 CMT	NA	NA	NONE	8.625	11	391	200	CIRC**
Altura												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**
STATE G #3	30-025- 07562	33	-18S	-38E	F	11/48	PA	3208	3175	3178	NONE	7	8.75	3609-7062	805	CIRC**
Altura												9.625	12.25	462	250	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 PBT	6204	6148	450-452	11.75	17.5	420	540	CIRC
Altura											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 PBT	6701	6922	NONE	13.375	17.5	385	450	CIRC
Altura												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 Size	Depth	No. of Sxs.	TOC
TURNER TR. 2 #30 Altura	30-025- 26375	33 -18S	-38E	E	2/80	P	7012	6665	6986	2060-2062	13.375	17.5	420	450	500	2860-TS
							PBTD				9.625	12.25	4401	1250		CIRC
											7	8.75	7050	400		4045-TS
St A #3 Amerada	30-025- 07517	32 -18S	-38E	B	1/47	PA	3164	3149	3150	NA	10.75	13.75	221	200		CIRC**
											7.625	9.875	1570	300		CIRC**
											5.5	6.75	3164	600		CIRC**
St A #4 Collins & Ware	30-025- 23076	32 -18S	-38E	B	4/69	TA	5325	5375	5966	NA	11.75	15	380	350		CIRC
							CIBP				8.625	11	3810	590		2400
											5.5	7.875	5998	325		5281**
St A #5 Collins & Ware	30-025- 23116	32 -18S	-38E	A	6/69	P	6954	6674	6936	NA	11.75	15	385	400		CIRC**
											8.625	11	3798	590		1099**
											5.5	7.875	7000	501		4772**
State B #5 Collins & Ware	30-025- 07434	29 -18S	-38E	G	12/48	P	3224	3136	3224	1680-1682	10.75	13.75	220	200		CIRC**
											7.625	9.875	1665	300		CIRC**
											5.5	6.75	3136	300		CIRC**
McKinley #8 Amoco	30-025- 07626	5 -19S	-38E	D	6/48	TA	3170	3172	3220	355	9.625	12.125	336	200		CIRC**
							CIBP				6.625	8.75	3179	800		CIRC**
McKinley #19 Amoco	30-025- 07628	5 -19S	-38E	E	7/48	TA	3080	3134	3250	NONE	9.625	12.25	452	275		CIRC**
							CIBP				5.5	8.75	3160	1200		CIRC**
State Bradley #2 Arco	30-025- 07636	6 -19S	-38E	A	3/48	PA	3273	3200	3273	NONE	8.625	12	483	250		CIRC**
											5.5	7.375	3190	800		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											
Nora Berry #6	30-025-12502	31	-18S	-38E	P	11//47	P	3242	3179	3242	NONE	8.625	11	420	200	CIRC**
Ralph C. Bruton												4.5	7.875	3179	800	CIRC**
St I #5	30-025-23173	29	-18S	-38E	O	7//69	P	6970	6648	6930	NONE	8.625	12.25	3808	300	3418**
Texland												6.625	8.75	3575	530	CIRC**
												5.5	7.875	7022	NA	NA
Grimes A #11	30-025-07529	32	-18S	-38E	F	12//47	PA	3169	3140	3169	NA	9.625	12.25	294	200	CIRC**
Chevron									OH			7	8.75	3130	600	CIRC**
Grimes A #13	30-025-07531	32	-18S	-38E	E	2//48	PA	3222	3140	3222	NA	8.625	12	299	225	CIRC**
Chevron									OH			5.5	7.375	3129	600	CIRC**
WD Grimes NCT-B #7	30-025-23438	33	-18S	-38E	B	3//70	P	7059	5836	7008	5848-5988	13.375	17.5	368	400	CIRC
Texland								PBTD				9.625	12.25	3859	2000	CIRC
												7	8.75	7099	485	3635
Grimes #5	30-025-07414	28	-18S	-38E	O	12//47	PA	3218	3199	3209	3199-3209	10.75	13.75	422	300	CIRC**
Conoco												5.5	7.375	3204	650	CIRC**
Grimes #6	30-025-07415	28	-18S	-38E	J	12//47	PA	3255	3236	3249	NONE	10.75	12.25	424	350	CIRC**
Conoco												7	8.75	3255	550	CIRC**
St A #4	30-025-07439	29	-18S	-38E	J	2//47	PA	3215	3167	3194	NA	10.75	15	200	250	CIRC**
Conoco												5.5	7.875	3200	600	CIRC**
State A-33 #8	30-025-07549	33	-18S	-38E	L	9//48	PA	3200	3148	3197	3148-3197	13.375	17.5	362	300	CIRC**
Conoco												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.	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
Texland								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

** 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 Texland					Ltr											
WD Grimes #2	30-025- 07455	29 -18S	-38E	A	2/1/48	PA	4045	NA	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	6/1/48	TA	3240	3156	3198	NONE	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	8/1/48	TA	3090	3162	3210	NONE	NONE	9.625	12	450	300	CIRC**
Pan American/Altura							CIBP					5.5	7.375	3140	1000	CIRC**
State A-3 #27	30-025- 07561	33 -18S	-38E	P	7/1/49	TA	3100	3179	3179	NONE	NONE	9.625	13.75	338	250	CIRC
Pan American/Altura							CIBP					5.5	7.375	3160	700	CIRC
Conoco-State #1	30-025- 23759	33 -18S	-38E	G	8/1/71	P	7075	5871	6975	NONE	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	11/1/71	P	7075	5830	6533	NONE	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	2/1/72	P	7040	5814	6961	NONE	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	1/1/71	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	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Operator					Ltr											
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 Berry #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		3173	7176	NONE	8.625	11	409	200	CIRC**
Shell							CMT					4.5	7.875	3126	850	CIRC**
Grimes #8	30-025-07423	28 -18S	-38E	L	9/47	PA	3120		3215	3221	NONE	8.625	11	402	200	CIRC**
Shell							CMT					4.5	7.875	2108	850	
WD Grimes #5	30-025-07424	28 -18S	-38E	L	7/47	PA	3150		3191	3197	NONE	8.625	11	409	195	CIRC**
Shell							CMT					4.5	7.875	1958	600	
WD Grimes #6	30-025-12500	28 -18S	-38E	M	7/47	PA	3090		3155	3161	NONE	8.625	11	411	200	CIRC**
Shell							CMT					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**
Sinclair												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	ID or PBDT	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
St #1	30-025-07442	29 -18S	-38E	P	8/30	PA	4191	3150	4191	OH	NA	13.375	17.5	217	200	CIRC**
Std of Tx												9	12.25	2735	500	1473**
												6.625	7.875	3907	174	2374**
St #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**
St I #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							PBDT					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./							PBDT					5.5	7.875	3195	1000	CIRC

Yale E. Key, Inc.

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