



Occidental Permian Ltd.

PMX 7/11/00
580 WestLake Park Blvd.
Houston, TX 77079
PO Box 4294
Houston, TX 77210-4294
Phone: 281-552-1000

June 19, 2000

26

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. 211
Letter C, Section 31, 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. 211 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. 211). 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



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- 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)

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery X Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? X Yes _____ No
- II. OPERATOR: Occidental Permian Limited Partnership
ADDRESS: P.O. Box 4294, Houston, TX 77210-4294
CONTACT PARTY: Mark Stephens, Rm. 338-B, WL2 PHONE: (281) 552-1158
- 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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *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 sources 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: Mark Stephens TITLE: Business Analyst (SG)
SIGNATURE: Mark Stephens DATE: 6/19/00
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Hearing October 3, 1979; Case No. 6653, Order No. R-6199

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 the 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, 2040 South Pacheco, 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

North Hobbs (Grayburg/San Andres) Unit
Well No. 211
Letter C, Section 31, T-18-S, R-38-E
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 1500 BWPD
Maximum Injection Rate 4000 BWPD
2. Closed Injection System
3. Average Injection Pressure 500 PSIG
Maximum Injection Pressure 805 PSIG (approx.)
(will not exceed 0.2 psi/ft. to top perforation)
4. Source Water – San Andres Produced Water
(Mitchell Analytical Laboratory analysis attached)

IX. Stimulation Program

Acid treatment of unitized perforations will be performed during conversion work

- XI. Fresh Water Sample Analysis
(Laboratory Services, Inc. analysis attached – 2 ea.)

- XII. Occidental Permian Limited Partnership affirms that available geologic and engineering data has been examined resulting in the finding of no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

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	(H ₂ S)	486.00	16.00	30.38
Carbon Dioxide	(CO ₂)	Not Analyzed		
Dissovled Oxygen	(O ₂)	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	(CO ₃ =)	0.00	30.00	0.00
Bicarbonate	(HCO ₃ -)	1,869.66	61.10	30.60
Sulfate	(SO ₄ =)	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 CaCO ₃		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

Nalco/Exxon Energy Chemicals

**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 31-211
SAMPLED BY

DATE TAKEN 5/11/00

REMARKS T18S-R38E-Sec 31, Qtr Sec. 1,2.2

Barium as Ba	0	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	200	
pH at Lab	7.13	
Specific Gravity @ 60°F	1	
Magnesium as Mg	139	
Total Hardness as CaCO ₃	240	
Chlorides as Cl	56	
Sulfate as SO ₄	400	
Iron as Fe	0	
Potassium	0.08	
Hydrogen Sulfide	0	
Rw	12	23.0 C
Total Dissolved Solids	915	
Calcium as Ca	101	
Nitrate	11.9	

Results reported as Parts per Million unless stated

Langelier Saturation Index + 0.03

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 Well 31-211

SAMPLED BY

DATE TAKEN 5/11/00

REMARKS T31S-R38E-Sec 31, Qtr Sec 2,4,3

Barium as Ba	0	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	200	
pH at Lab	7.1	
Specific Gravity @ 60°F	1	
Magnesium as Mg	186	
Total Hardness as CaCO ₃	320	
Chlorides as Cl	424	
Sulfate as SO ₄	125	
Iron as Fe	0.2	
Potassium	0.12	
Hydrogen Sulfide	0	
Rw	9	23.0 C
Total Dissolved Solids	1,088	
Calcium as Ca	134	
Nitrate	6.2	

Results reported as Parts per Million unless stated

Langelier Saturation Index - 0.50

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

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II
P.O. Drawer 82, Artesia, NM 88211-0712

DISTRICT III
1000 Rio Branco Rd., Artesia, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-07503	Pool Code 31920	Pool Name HOBBS; GRAYBURG - SAN ANDRES
Property Code 19520	Property Name NORTH HOBBS G/SA UNIT	Well Number 211
GRID No. 157984	Operator Name Occidental Permian Limited Partnership	Elevation 3649

Surface Location

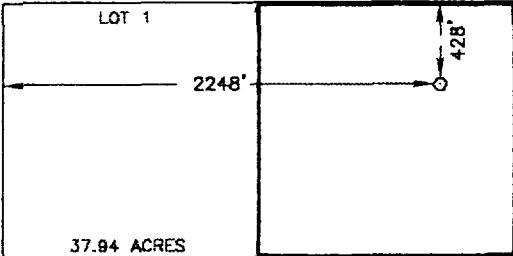
UL or lot No. C	Section 31	Township 18 S	Range 38 E	Lot Idn	Feet from the 428	North/South line NORTH	Feet from the 2248	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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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

LOT 1 2248' 37.94 ACRES LOT 2 38.00 ACRES LOT 3 38.04 ACRES LOT 4 38.10 ACRES					
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 Mark Stephens Printed Name Business Analyst (SG) Title June 19, 2000 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. JANUARY 6, 2000 Date Surveyed Signature & Seal of Professional Surveyor <u>Gary Edson</u> 1/28/2000 00-13-0019 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12841 MACON McDONALD 12185					

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

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 RD, Artesia, NM 88211-0718

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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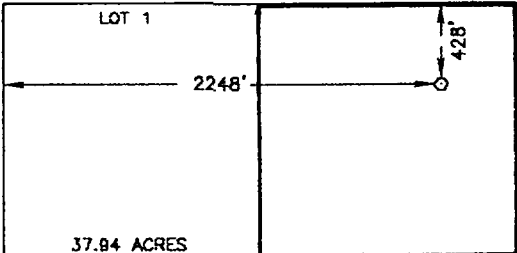
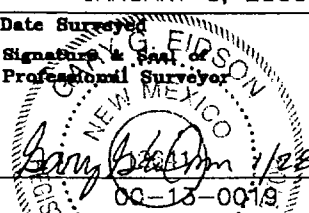
Surface Location

UL or lot No. C	Section 31	Township 18 S	Range 38 E	Lot Idn	Feet from the 428	North/South line NORTH	Feet from the 2248	East/West line WEST	County LEA
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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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

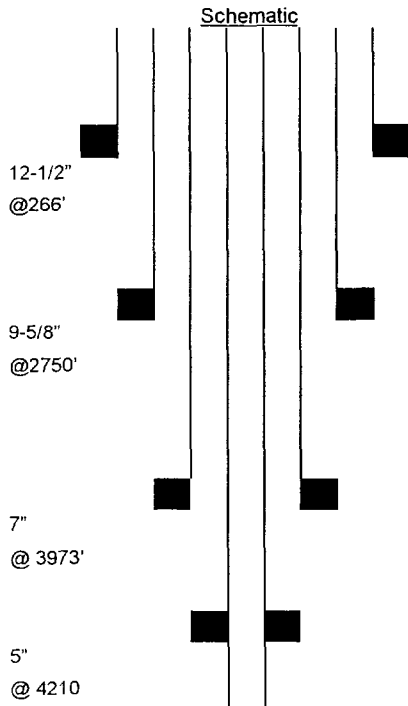
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LOT 1 2248' 37.84 ACRES LOT 2 38.00 ACRES LOT 3 38.04 ACRES LOT 4 38.10 ACRES			
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>Mark Stephens</u> Signature Mark Stephens Printed Name Business Analyst (SG) Title June 19, 2000 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. JANUARY 6, 2000 Date Surveyed Signature: <u>GARY EIDSON</u> DC Professional Surveyor  Certificate No. <u>RONALD J. EIDSON</u> 3239 GARY EIDSON 12641 MACON McDONALD 12165			

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
31-211	428' FNL x 2248' FWL	31	18-S	38-E	C



<u>Tubular Data</u>	
<u>Surface Casing</u>	
Size	12-1/2"
Cemented with	185 sxs.
TOC	Circ.
Determined by	Calc. w/ 50% eff.
Hole size	16"
<u>Intermediate Casing</u>	
Size	9-5/8"
Cemented with	400 sxs.
TOC	1282
Determined by	Calc. w/ 50% eff.
Hole size	13-3/4"
<u>Long string Casing</u>	
Size	7"
Cemented with	450 sxs.
TOC	1252
Determined by	CBL
Hole size	8-3/4"
<u>Production Casing</u>	
Size	5"
Cemented with	350 sxs.
TOC	3700
Determined by	CBL
Hole size	6-1/4"
<u>Total depth</u>	
4300'	
<u>Injection interval</u>	
4186	feet to 4260 feet

Completion type Perforated Casing & OH

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

Guiberson – Uni VI packer at 4086' feet

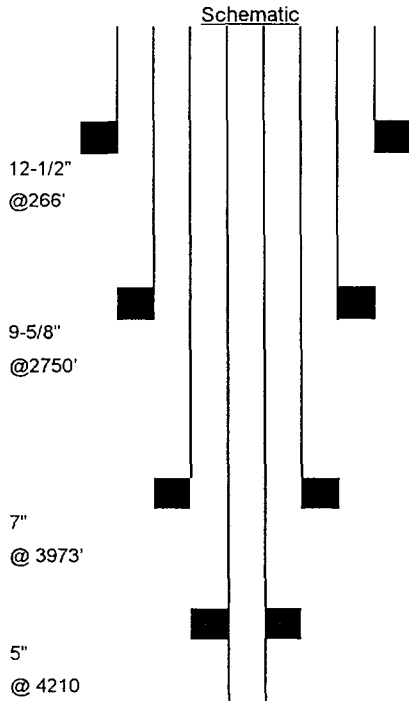
(brand and model)

Other Data

- Name of the injection formation San Andres
- Name of field or Pool Hobbs (Grayburg/San Andres)
- Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? Producer
- 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) 4032-4177 squeezed w/ 50 sxs
4260-4300 plugged back w/ sand & Hydromite
- 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
31-211	428' FNL x 2248' FWL	31	18-S	38-E	C

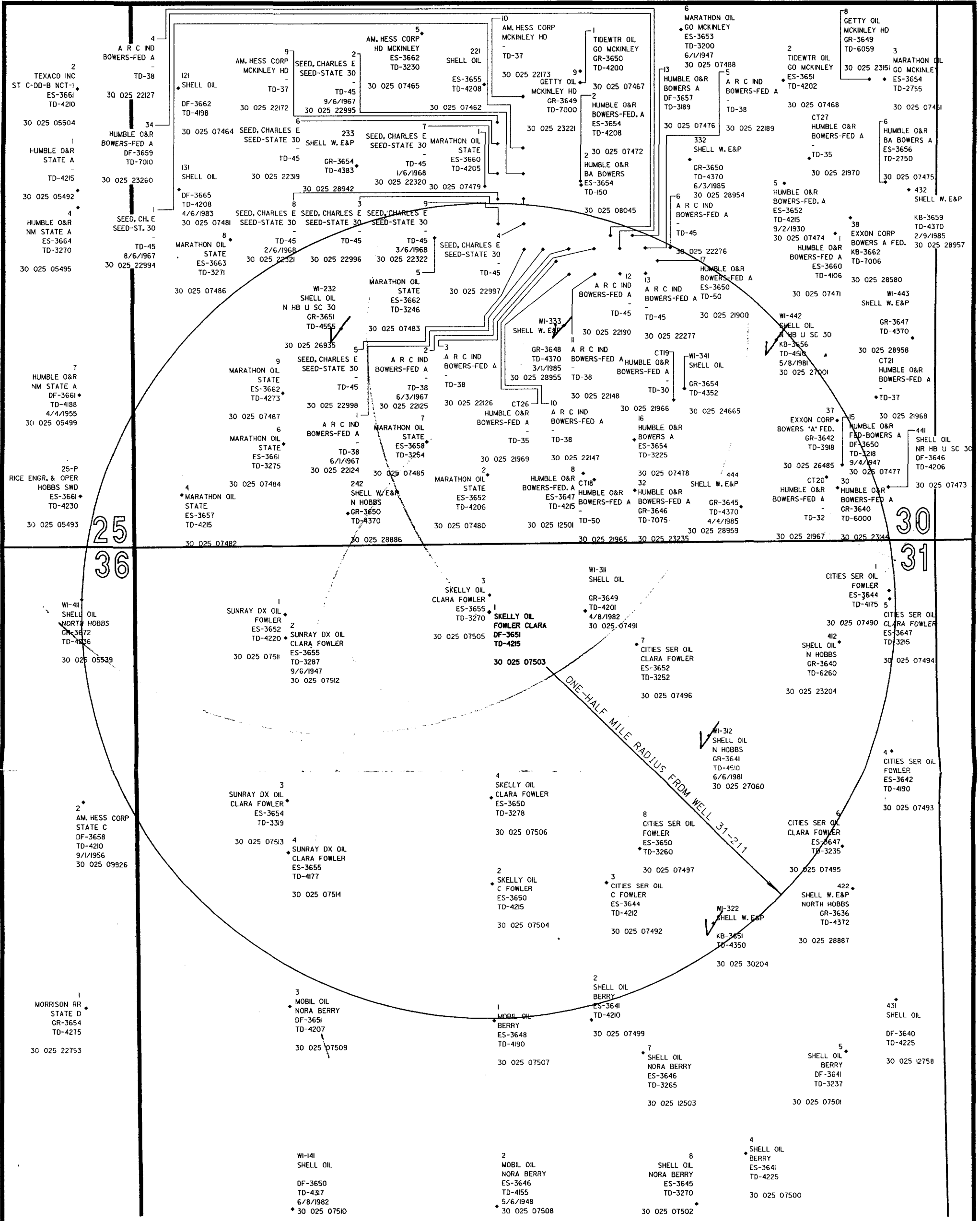


<u>Tubular Data</u>	
<u>Surface Casing</u>	
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<u>Long string Casing</u>	
Size	7"
TOC	1252
Hole size	8-3/4"
<u>Production Casing</u>	
Size	5"
TOC	3700
Hole size	6-1/4"
<u>Total depth</u>	
4300'	
<u>Injection interval</u>	
4186	feet to 4260 feet

<u>Completion type</u>	
Perforated Casing & OH	
Tubing size	2-7/8"
lined with	Duoline (Fiberglass liner)
set in a	
Guiberson – Uni VI	packer at 4086' feet
(brand and model)	

Other Data

- Name of the injection formation San Andres
- Name of field or Pool Hobbs (Grayburg/San Andres)
- Is this a new well drilled for injection? ☒ Yes ☐ No
If no, for what purpose was the well originally drilled? Producer
- 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) 4032-4177 squeezed w/ 50 sxs
4260-4300 plugged back w/ sand & Hydromite
- Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.
Grayburg – 3270, Glorieta – 5300



NOTE:
WELL DATA DERIVED FROM THE PETROLEUM
INFORMATION - DATA MANAGEMENT SYSTEM,
WELL DATA SYSTEM PREPARED FOR AMOCO.

Altura
ENERGY, LTD.

Altura Energy Ltd.

Area of Review Plat

**NORTH HOBBS (GRAYBURG
SAN ANDRES) UNIT**

WELL NO. 31-211

T-18-S, R-38-E

Lea County, New Mexico

Scale: 1" = 600'

01-05-00

nm438a00.dgn - 12

Plat prepared by PJE Drafting, Inc.

For Horizon Survey, Inc.

OFFSET WELLS WITHIN A HALF MILE OF PROPOSED INJECTOR

FOR WELL 31211																
Well Name	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perts	Csg. Size	Hole Size	Depth	No. of Sxs	TOC
Operator					Ltr											
Bowers A Fed #37	30-025- 26485	30	-18S	-38E	P	10/79	P	3918	2637	3556		8.625	12.25	501	400	CIRC**
Exxon												5.5	7.625	3910	850	CIRC**
St #5	30-025- 07483	30	-18S	-38E	K	2/48	P	3246	3194	3244		8.625	11	300	125	CIRC**
Marathon												5.5	7	3160	1350	CIRC**
St #6	30-025- 07484	30	-18S	-38E	M	3/48	P	3210	3154	3200		8.625	11	295	125	CIRC**
Marathon												5.5	7	3197	900	CIRC**
St #7	30-025- 07485	30	-18S	-38E	N	4/48	P	3175	3171	3254		8.625	11	285	125	CIRC**
Marathon									OH			5.5	7	3164	900	CIRC**
Fowler #3	30-025- 07505	31	-18S	-38E	C	1/48	P	3253	3170	3270	NONE	10.75	13	669	300	CIRC**
Shetty Lewis B.								PBTD				7	8.25	3170	320	CIRC**
Burleson, Inc.																
Fowler #4	30-025- 07506	31	-18S	-38E	F	9/48	P	3269	3170	3278	NONE	10.75	13	788	320	CIRC
Shetty Lewis B.												7	8.25	3170	320	CIRC
Burleson, Inc.																
Seed St 30 #4	30-025- 22997	30	-18S	-38E	K	2/69	P	45	10.45 OH			7	8.5	10	2	CIRC**
C.E. Seed																
Seed St 30 #5	30-025- 22998	30	-18S	-38E	K	2/69	P	45	10.45 OH			7	8.5	10	2	CIRC**
C.E. Seed																
Seed St 30 #9	30-025- 22322	30	-18S	-38E	K	2/69	P	45	10.45 OH			7	8.5	10	2	CIRC**
C.E. Seed																
30141	30-025- 07487	30	-18S	-37E	M	10/55	TA	3956	4099	4114	4007.4074	10.75	13.75	354	200	CIRC
Altura								CIBP			4084.4090	5.5	8.75	4247	1400	CIRC
30232	30-025- 26935	30	-18S	-38E	K	12/80	I	4519	4138	4310	4170-78	16	18	40	40	CIRC

** - Denotes calculated TOC with 50% efficiency.

OFFSET WELLS WITHIN A HALF MILE OF PROPOSED INJECTOR

FOR WELL 31211																
Well Name	API No.	Sec.	T	R	Un	Drill Date	Well Type	TD or P8TD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs	TOC
Operator					Ltr			P8TD	Perf	Perf						
Altura											4186-94	8.625	11	1600	875	CIRC
												5.5	7.875	4555	1155	2614 CBL
30241	30-025- 07480	30	-18S	-38E	N	9/1/30	TA	3900	4076	4250	4118-4138	12.5	18	294	275	CIRC
Altura								CIBP				9.625	12	2750	550	1154
												7	8.75	3900	275	2237
												5	6.25	4167	60	3368
30242	30-025- 28886	30	-18S	-38E	N	3/1/85	TA	3975	4024	4240	NONE	13.375	17.5	40	NA	NA
Altura												8.625	11	1514	425	CIRC
												5.5	7.875	4368	525	CIRC
30333	30-025- 28955	30	-18S	-38E	J	2/1/85	I	4328	4137	4290	NONE	13.375	17.5	40	NA	NA
Altura												8.625	12.25	1579	425	CIRC
												5.5	7.875	4370	500	CIRC
30341	30-025- 24665	30	-18S	-38E	O	3/1/74	P	4202	4042	4276	4104-26	9.625	12.25	1463	500	CIRC
Altura											4164-70	5.5	7.875	3956	625	1910 CBL
											4180-96	3.5 Lnr	4.75	3715-4350	125	3715
											4056-69					
30442	30-025- 27001	30	-18S	-38E	P	5/1/81	I	4420	4162	4257	4110-16	16	18	40	40	CIRC
Altura											4128-34	8.625	12.25	1606	850	CIRC
												5.5	7.875	4510	1075	CIRC
30444	30-025- 28959	30	-18S	-38E	P	4/1/85	P	4145	4106	4270	NONE	13.375	17.5	40	NA	NA
Altura								CIBP				9.625	12.25	1519	500	CIRC
												7	8.75	4369	1035	3900
31111	30-025- 07511	31	-18S	-38E	D	11/1/30	P	4222	2860	2860	NONE	13.375	17.5	211	NA	NA
Altura								P8TD				9.625	12.5	2750	600	700**
												6.625	8.75	3966	425	1224**
31121	30-025- 07514	31	-18S	-38E	E	4/1/49	TA	3955	4056	4189	NONE	9.625	12.25	1620	800	CIRC
Altura												7	8.75	4075	400	2608

** - Denotes calculated TOC with 50% efficiency.

OFFSET WELLS WITHIN A HALF MILE OF PROPOSED INJECTOR

FOR WELL 31211																
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	Date	Type	PBD	Perf	Perf	Perfs	Size	Size	Depth	Sxs.	TOC
31211	30-025-07503	31	-18S	-38E	C	9/30	P	4203	4073	4270	4032-4196	12.5	18	266	186	CIRC**
Altura								CIBP				9.625	12	2750	400	1296**
												7	8.75	3973	450	30**
31221	30-025-07504	31	-18S	-38E	F	11/30	TA	3950	3964	4198	4199-4205	12.52	16	208	300	CIRC
Altura								CIBP				9.625	11.75	2796	400	1328
												7	8.75	3964	450	1243
												5	6.25	4215	325	2944
31311	30-025-07491	31	-18S	-38E	B	9/30	TA	3933	3976	4042	4064	12.5	16	230	200	CIRC
Altura								CIBP			4067	9	11.75	2735	500	1275
												6.625	8.25	3951	250	3070-CBL
												5	6.25	3882-4194	35	3882
31312	30-025-27060	31	-18S	-38E	B	6/81	I	4370	4134	4281	4150-56	16	18	40	40	CIRC**
Altura								CIBP			4188-90	8.625	12.25	1598	950	CIRC**
												5.5	7.875	4510	1050	2500 CBL
31321	30-025-07492	31	-18S	-38E	G	9/30	P	4135	4076	4243	4147-4162	12.5	16	227	150	181**
Altura								PBD				9	11.75	2750	500	942**
												7	8.75	3957	200	3300**
												3	6.25	4191	NA	NA
31322	30-025-30204	31	-18S	-38E	G	3/88	I	4287	4149	4263	NONE	14	17.5	40	NA	CIRC
Altura												8.625	12.25	1510	850	CIRC
												5.5	7.875	4358	1100	CIRC
31411	30-025-07490	31	-18S	-38E	G	11/30	P	4159	3938	4252	NONE	12.5	16	242	50	197
Altura								PBD				9	11.75	2744	600	1868
												7	8.75	3938	200	CIRC-CBL
												5.5	6.25	3765-4298	75	3765-CBL
31412	30-025-23204	31	-18S	-38E	A	8/69	TA	3818	4134	4306	3909-4135	13.375	17.5	343	350	CIRC
Altura								CIBP			4174-4216	8.625	12.25	3799	500	2372
												5.5	7.875	6255	400	3194 CBL

** - Denotes calculated TOC with 50% efficiency.

OFFSET WELLS WITHIN A HALF MILE OF PROPOSED INJECTOR

FOR WELL 31211																
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											
Bowers Fed. A #1	30-025- 22124	30	-18S	-38E	J	6/167	PA	42	10-38 OH			6.625	6.75	10	3	CIRC**
ARC Ind.																
Bowers Fed. A #3	30-025- 22126	30	-18S	-38E	J	6/167	PA	38	10-38 OH			7	7.875	10	3	CIRC**
ARC Ind.																
Bowers Fed. A #4	30-025- 22127	30	-18S	-38E	J	7/167	PA	38	10-38 OH			6.625	6.75	10	3	CIRC
ARC Ind.																
Bowers Fed. A #5	30-025- 22189	30	-18S	-38E	J	7/167	PA	38	10-38 OH			6.625	6.75	10	3	CIRC
ARC Ind.																
Bowers Fed. A #6	30-025- 22276	30	-18S	-38E	J	10/167	PA	45	10-45 OH			5.5	6.75	10	3	CIRC**
ARC Ind.																
Bowers Fed. A #10	30-025- 22147	30	-18S	-38E	J	6/167	PA	38	10-38 OH			7	7.875	10	3	CIRC**
ARC Ind.																
Bowers Fed. A #11	30-025- 22148	30	-18S	-38E	J	6/167	PA	38	10-38 OH			6.625	6.75	10	3	CIRC**
ARC Ind.																
Bowers Fed. A #12	30-025- 22190	30	-18S	-38E	J	10/167	PA	45	10-45 OH			6.625	6.75	10	3	CIRC**
ARC Ind.																
F A Bowers #13	30-025- 22277	30	-18S	-38E	J	10/167	PA	45	10-45 OH			5.5	6.75	10	3	CIRC**
ARC Ind.																
Clara Fowler #5	30-025- 07494	31	-18S	-38E	A	9/147	PA	3215	No data	No data		8.625	11.25	312	175	CIRC**
Cities Serv.												5.5	7.75	3160	600	CIRC**
Clara Fowler #7	30-025- 07496	31	-18S	-38E	B	1/148	PA	3252	No data	No data		8.625	11.5	290	175	CIRC**
Cities Serv.												5.5	7.75	3159	600	CIRC**

** - Denotes calculated TOC with 50% efficiency.

OFFSET WELLS WITHIN A HALF MILE OF PROPOSED INJECTOR

FOR WELL 31211																	
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												
Fowler #8	30-025- 07497	31	-18S	-38E	G	2/148	PA	3260	3213	3260	NONE	8.625	11	300	175	CIRC**	
Cities Service												5.5	6.25	3180	600	CIRC**	
Bowers Fed. A #13	30-025- 07476	30	-18S	-38E	J	7/147	PA	3189	3148	3189		8.625	11	283	200	CIRC**	
Exxon									OH			5.5	7.625	3150	1350	CIRC**	
Bowers A Fed. #15	30-025- 07477	30	-18S	-38E	P	8/147	PA	3218	No data	No data		8.625	11	249	150	CIRC**	
Exxon												5.5	7.625	3158	1250	CIRC**	
Bowers A Fed. #16	30-025- 07478	30	-18S	-38E	O	10/147	PA	3050	No data	No data		8.625	11	262	150	CIRC**	
Exxon												5.5	7.625	3151	1000	CIRC**	
Bowers A Fed. #17	30-025- 21900	30	-18S	-38E	J	10/166	PA	50	OH			7	8	12	6	CIRC**	
Exxon																	
Bowers A Fed. #CT19	30-025- 21966	30	-18S	-38E		1/167	PA	30									
Exxon																	
Bowers A Fed. #CT20	30-025- 21967	30	-18S	-38E		1/167	PA	32									
Exxon																	
Bowers A Fed. #CT26	30-025- 21969	30	-18S	-38E		1/167	PA	35									
Exxon																	
Bowers A Fed. #30	30-025- 23144	30	-18S	-38E	P	6/169	PA	6000	5356	5946		8.625	11	3836	500	1858**	
Exxon												4.5	7.875	5988	550	4199**	
Bowers A Fed. #32	30-025- 23235	30	-18S	-38E	O	8/169	PA	7075	5825	5964	5887-01	13.375	17.5	385	400	2250	
Exxon											6974-82	9.625	11	3850	550	2900	
												7	8.75	7053	895	CIRC**	
Bowers A Fed. #34	30-025- 23260	30	-18S	-38E	J	8/169	PA	7010	5822	6979	5848-98	9.625	12.25	3850	550	2296**	
Exxon											6932-75	3.5 B	7.875	6088	895	2600**	
												3.5 D	7.875	6098	895	2615**	
SI #4	30-025- 07482	30	-18S	-38E	M	11/130	PA	4215	3758	3850		16	18	260	225	CIRC**	
Marathon												9.625	12	2750	500	589**	

** - Denotes calculated TOC with 50% efficiency.

OFFSET WELLS WITHIN A HALF MILE OF PROPOSED INJECTOR

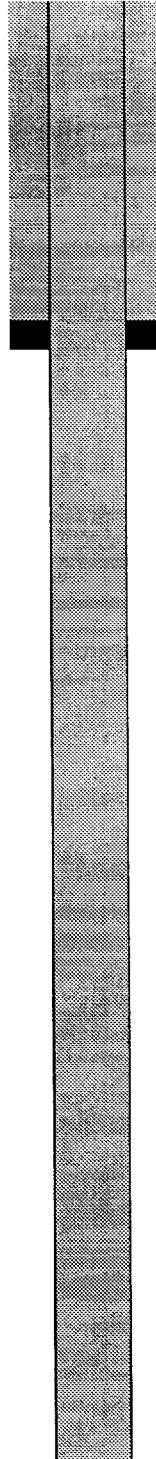
FOR WELL 31211																
Well Name	API No.	Sec	T	R	Un	Drill Date	Well Type	TD or	Top	Bot.	Sqz.	Csg.	Hole	Depth	No. of	
Operator					Ltr	Date	Type	PBTD	Perf	Perf	Perfs	Size	Size		Sxs.	TOC
												7	8.75	3946	350	1307**
Fowler #2	30-025- 07512	31	-18S	-38E	D	9//47	PA	3100	NA	NA	NONE	8.625	11	248	200	CIRC**
Sunray								CIBP				5.5	7.875	3231	500	CIRC**
Fowler #3	30-025- 07513	31	-18S	-38E	E	10//47	PA	3100	3272	3282	NONE	9.625	12.5	260	300	CIRC**
Sunray												5.5	7.875	3250	500	CIRC**
30342	30-025- 12501	30	-18S	-38E	O	10//30	PA	3825	3974	4268	2000	12.5	18	220	210	CIRC
Altura								CIBP				9.625	12	2750	650	CIRC
												7	8.75	3974	300	1144-CBL

** - Denotes calculated TOC with 50% efficiency.

**WELL SCHEMATIC:
ARC IND BOWERS A FED #1**

WELL PLUGGED:
8/19/98

6 5/8"
10'
3 SX
TOC: NA



Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

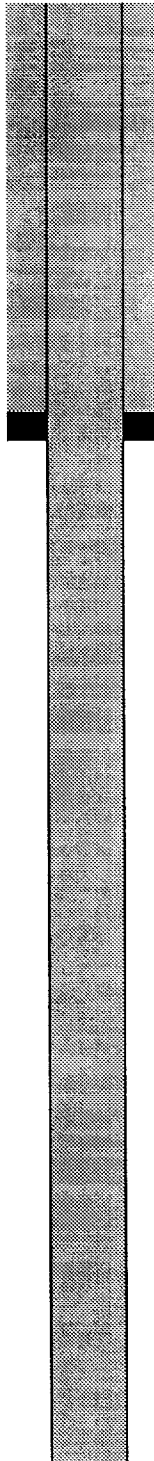
TD: 42'

**WELL SCHEMATIC:
ARC IND BOWERS A FED #3**

WELL PLUGGED:
8/19/98

7"
10'
3 SX
TOC: NA

Csg was pulled out of hole.
Well bore was filled with
Approximately .75 yards of
5 sx Redi-Mix.



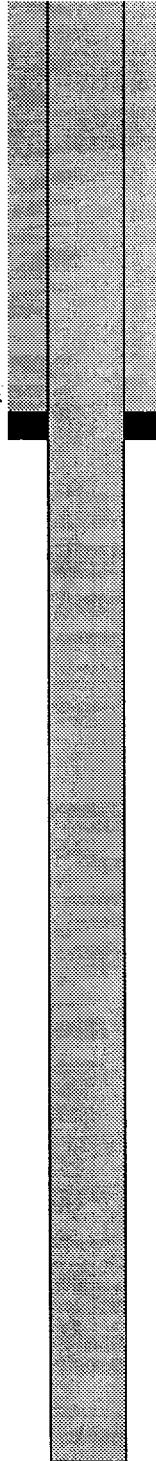
TD: 38'

**WELL SCHEMATIC:
ARC BOWERS A FED #4**

WELL PLUGGED:
8/19/98

6 5/8"
10'
3 SX
TOC: NA

Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.



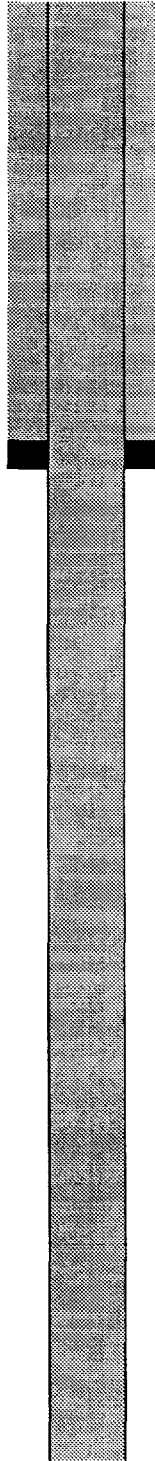
TD: 38'

**WELL SCHEMATIC:
ARC BOWERS A FED #5**

WELL PLUGGED:
8/19/98

6 5/8"
10'
3 SX
TOC: NA

Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

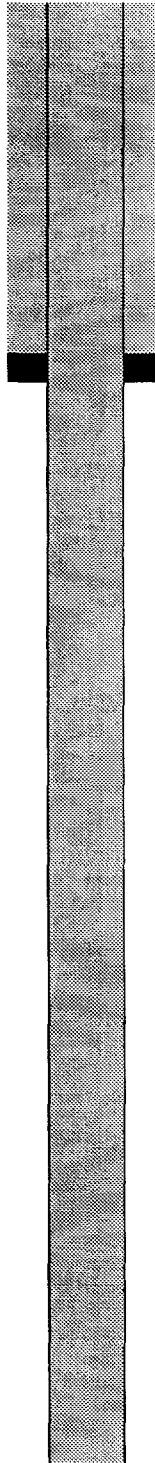


TD: 38'

**WELL SCHEMATIC:
ARC IND BOWERS A FED #6**

WELL PLUGGED:
8/19/98

6 $\frac{3}{4}$ "
10'
3 SX
TOC: NA



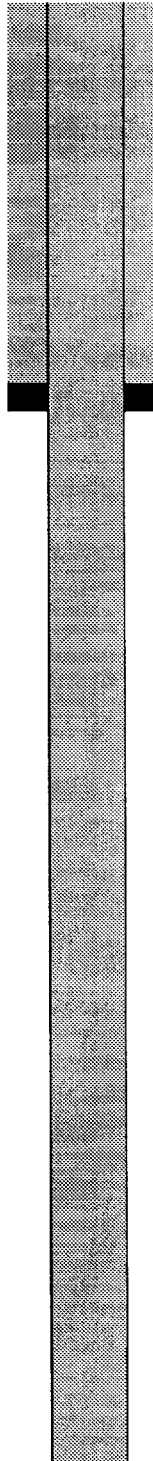
Csg was pulled and well was
Filled with approximately
.75 yards of 5 sx Redi-Mix.

TD: 45'

**WELL SCHEMATIC:
EXXON BOWERS A FED #10**

WELL PLUGGED:
8/19/98

7"
10'
3 SX
TOC: NA



Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 cu.
Yds. of 5 sx Redi-Mix.

10' to 38' - open hole.

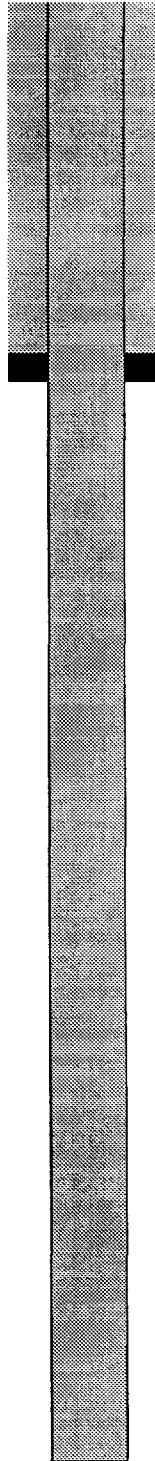
TD: 38'

**WELL SCHEMATIC:
EXXON BOWERS A FED #11**

WELL PLUGGED:
8/19/98

6 5/8"
10'
3 SX
TOC: NA

Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.



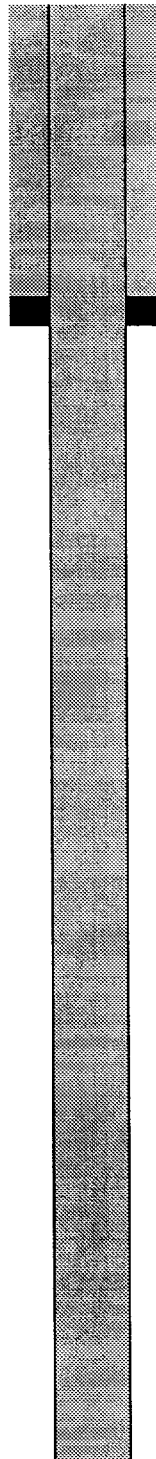
10' to 38' – open hole.

TD: 38'

**WELL SCHEMATIC:
EXXON BOWERS A FED #12**

WELL PLUGGED:
8/19/98

6 5/8"
10'
3 SX
TOC: NA



Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

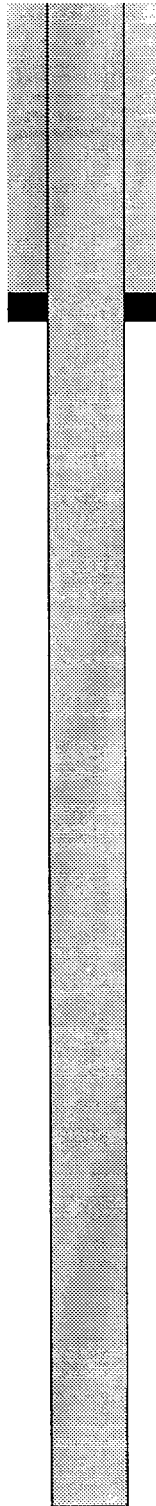
10' to 45' – open hole

TD: 45'

**WELL SCHEMATIC:
ARC IND. BOWERS A FED #13**

WELL PLUGGED:
8/19/98

5 ½"
10'
3 SX
TOC: NA



Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

TD: 45'

**WELL SCHEMATIC:
CITIES SERVICE FOWLER #5**

WELL PLUGGED:
3/1/72

8 5/8"
312'
175 SX
TOC: SURF (C)

Displaced 10 sx cmt plug
From 60' to 0'.

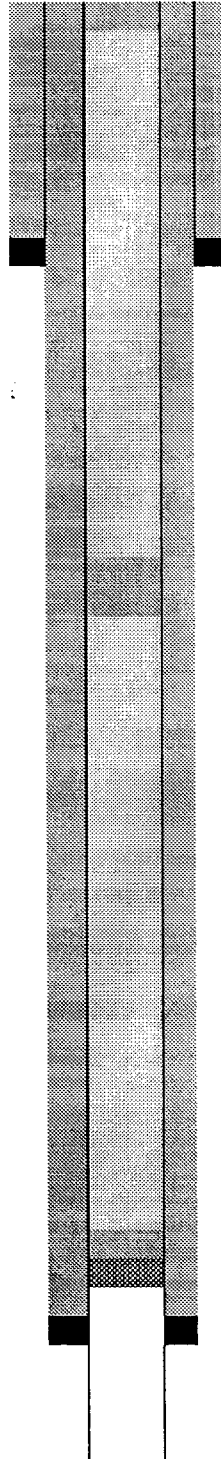
Loaded hole with mud laden
Fluid.

5 1/2"
3160'
600 SX
TOC: SURF (C)

Displaced 25 sx cmt plug
From 1560' to 1360'.

TD: 3215'

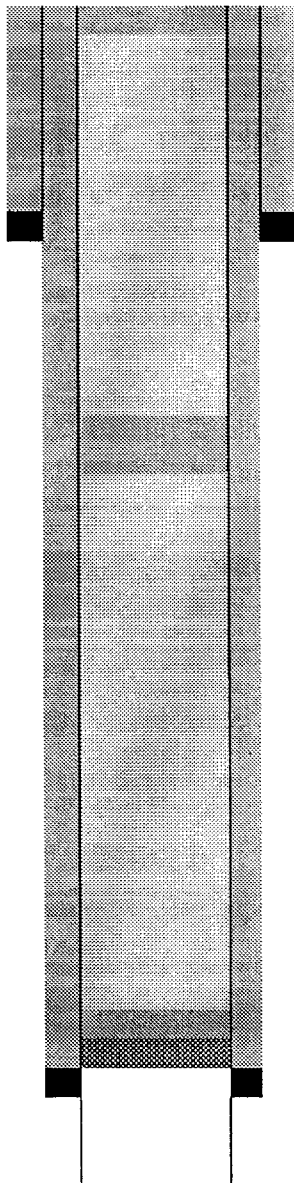
Set CIBP in 5 1/2" csg at 3026'
And dumped 2 sx cmt plug
On top of CIBP from 3026' to
3010'.



**WELL SCHEMATIC:
CITIES SERVICE FOWLER #7**

WELL PLUGGED:
3/1/72

8 5/8"
290'
175 SX
TOC: SURF (C)



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

Loaded hole with mud.

Spotted 25 sx cmt plug from
1610' to 1410'.

5 1/2"
3159'
600 SX
TOC: SURF (C)

Dumped 2 sx cmt plug on top
Of CIBP from 3101' to 3085'.
Set CIBP in 5 1/2" csg at 3101'

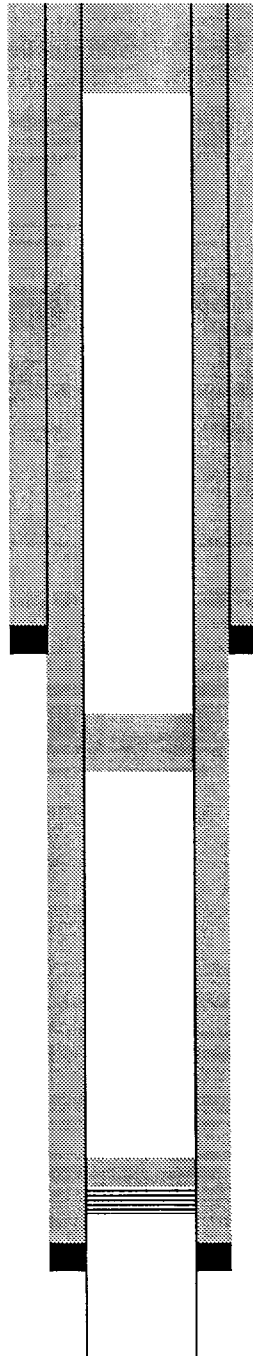
TD: 3252'

Fowler #8
Cities Services
Unit G, 1980 FNL & 1980 FEL
Sec 31, T-18-S, R-38-E

P&A'd: 4/26/72
DATUM: 3650 df

Size: 8-5/8"
Weight: 25.5#
Depth: 300'
Hole Size: 11-1/4"
Cmt: 175 sxs
TOC: Circ.

Size: 5-1/2"
Weight: 14#
Depth: 3180'
Hole Size: 7-3/4"
Cmt: 600 sxs
TOC:



10 sxs cement plug, 0-60'

25 sxs cement plug, 1412-1612'

CIBP w/ cmt @ 3080'

TD: 3260'

WELL SCHEMATIC: EXXON
BOWERS A FED. #13

WELL PLUGGED:
5/10/71

8 5/8"
283'
125 sxs
TOC: SURF (C)

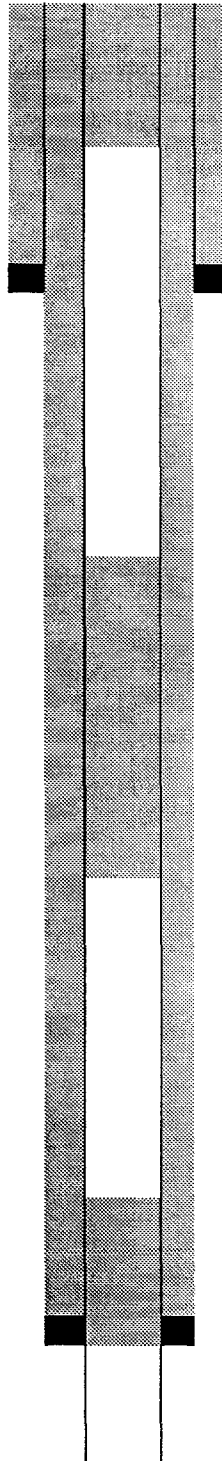
10 sxs cmt plug set from
50' to surf

20 sxs cmt plug set from
1500' to 1400'

5 1/2"
3150'
1350 sxs
TOC: SURF (C)

50 sxs cmt plug set from
3189' to 2800'

TD: 3189'



**WELL SCHEMATIC:
EXXON BOWERS A FED #15**

WELL PLUGGED:
11/27/70

8 5/8"
249'
150 SX
TOC: CIRC

Spotted 10 sx cmt plug at
Surface.

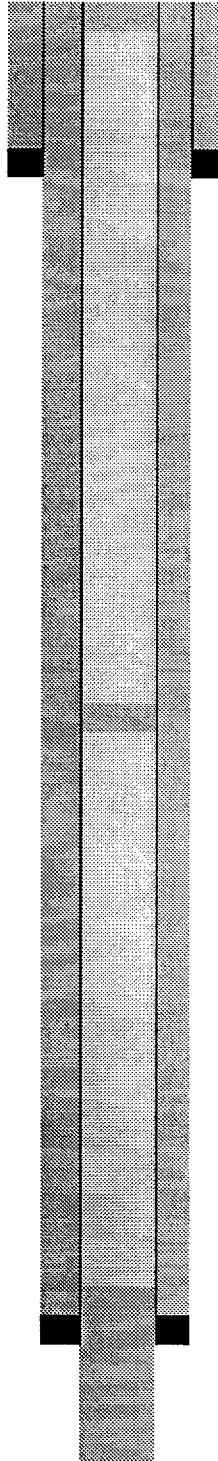
Hole was loaded with mud
Laden fluid.

5 1/2"
3158'
1250 SX
TOC: CIRC

Spotted 20 sx cmt plug from
1400' to 1500'.

TD: 3218'

Spotted 25 sx cmt plug at
3218'.



**WELL SCHEMATIC:
EXXON BOWERS A FED #16**

WELL PLUGGED:
11/27/70

Spotted a 10 sxs cmt plug at
surface with marker.

8 5/8 "
262'
150 SXS
TOC: CIRC

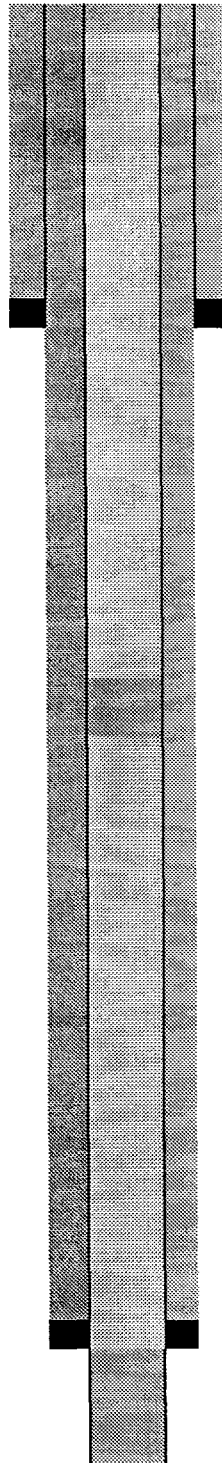
Hole loaded with mud laden
fluids.

5 1/2 "
3151'
1000 SXS
TOC: CIRC

Spotted a 20 sxs cmt plug
from 1400' to 1550'

TD: 3225'

Spotted a 30 sxs cmt plug from
3050' to 3225'



**WELL SCHEMATIC:
EXXON BOWERS A FED #17**

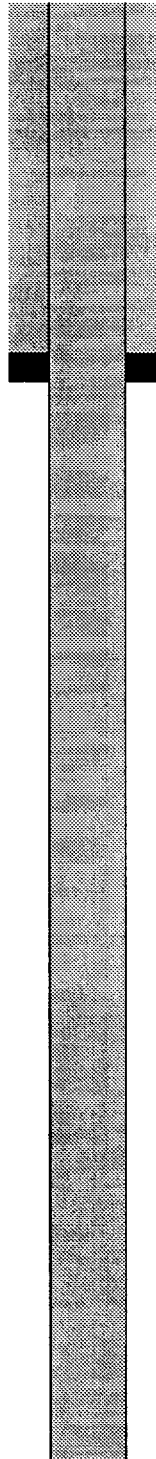
WELL PLUGGED:
11/30/66

7"
12'
6 SX
TOC: CIRC

12' of 7" csg left in hole.

Filled hole with approximately
.75 yards of 5 sx Redi-Mix.

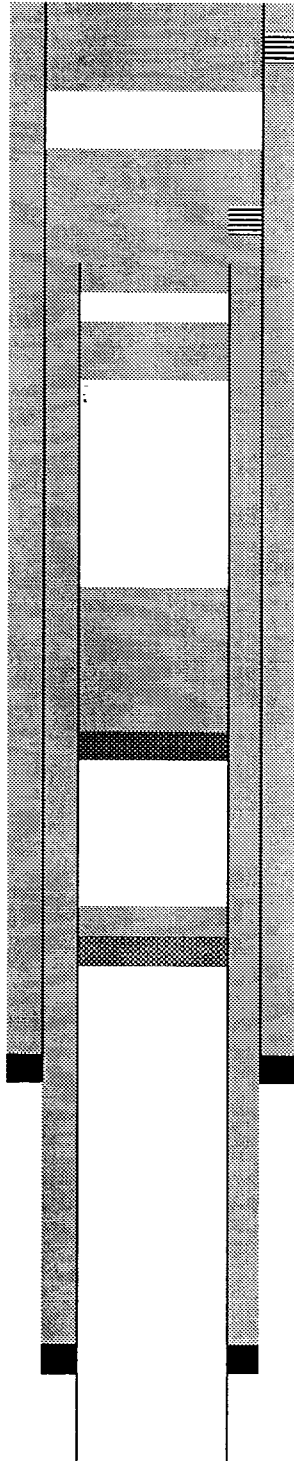
TD: 50'



**WELL SCHEMATIC:
EXXON 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 1/2 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.

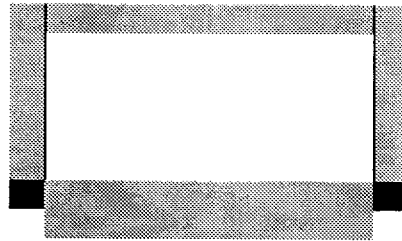
4 1/2"
5988'
550 SX
TOC: 2800' TS

TD: 6000'

WELL SCHEMATIC - Exxon Bowers A Federal #32

Well plugged 9/14/72

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

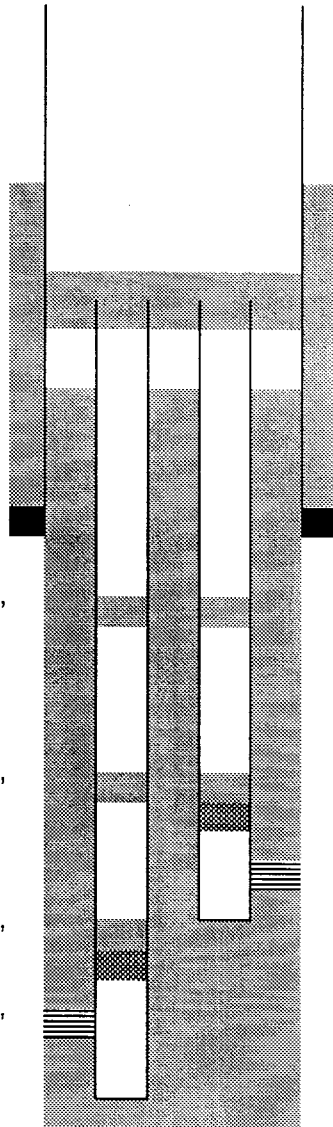


20' cmt. Plug at surface.

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'

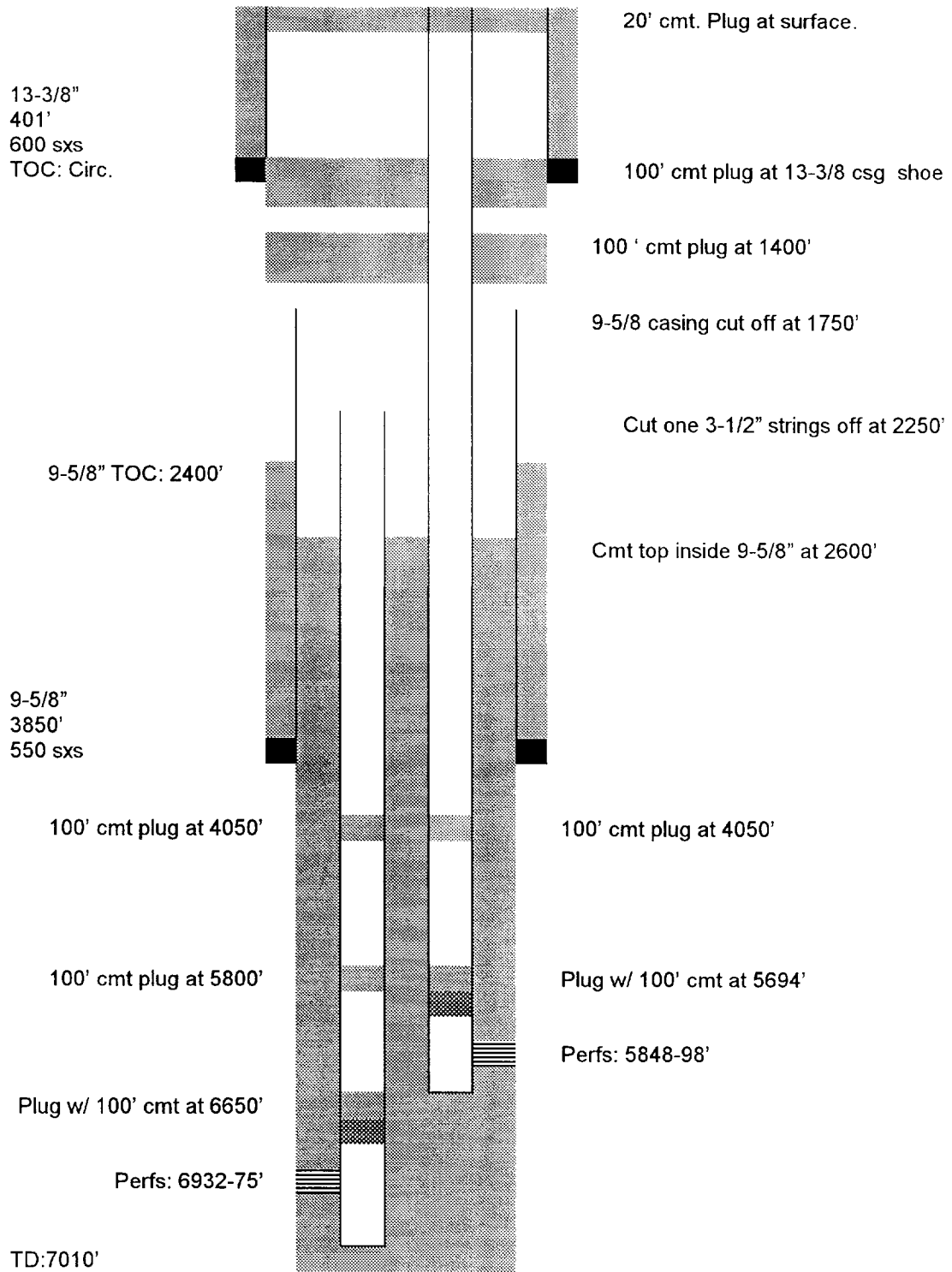
Plug w/ 100' cmt at 6200'

Perfs: 6974-82'

TD:7075'

WELL SCHEMATIC - Exxon Bowers A Federal #34

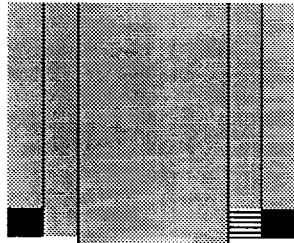
Well plugged 9/26/72



**WELL SCHEMATIC:
MARATHON STATE #4**

WELL PLUGGED:
3/14/57

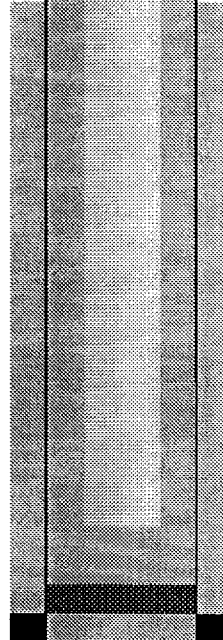
16"
260'
225 SX
TOC: SURF (C)



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.

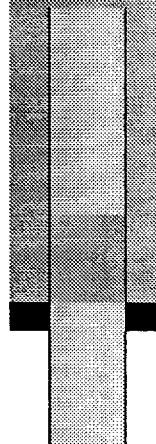
Hole loaded with gel based
Mud.

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'

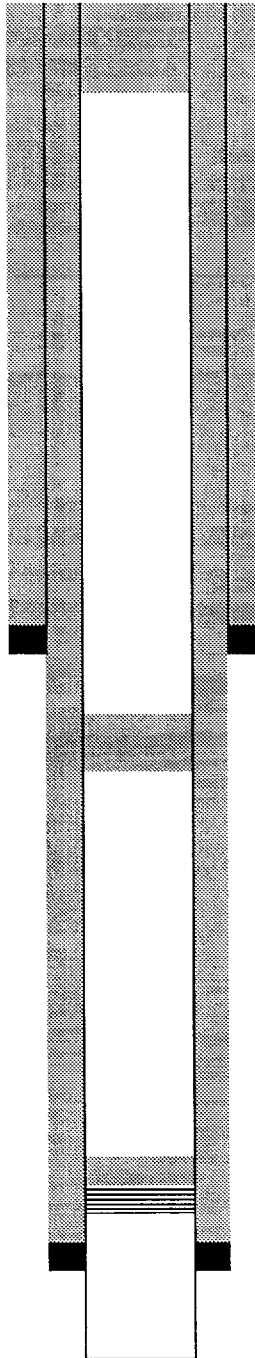
Spotted 312' cmt plug from
3602' to 3914'.

Clara Fowler #2
Sun Oil
Unit D, 590 FNL & 990 FWL
Sec 31, T-18-S, R-38-E

P&A'd: 2/26/79
DATUM: 3254 df

Size: 9-5/8"
Weight:
Depth: 260'
Hole Size: 12.5"
Cmt: 300 sxs
TOC: Calc. Surf.

Size: 5-1/2"
Weight:
Depth: 3250'
Hole Size: 7-7/8"
Cmt: 500 sxs
TOC: Calc Surf.



75 sxs cement plug, 0-150'

20 sxs cement plug, 1730-1600'

CIBP w/ cmt @ 3100'

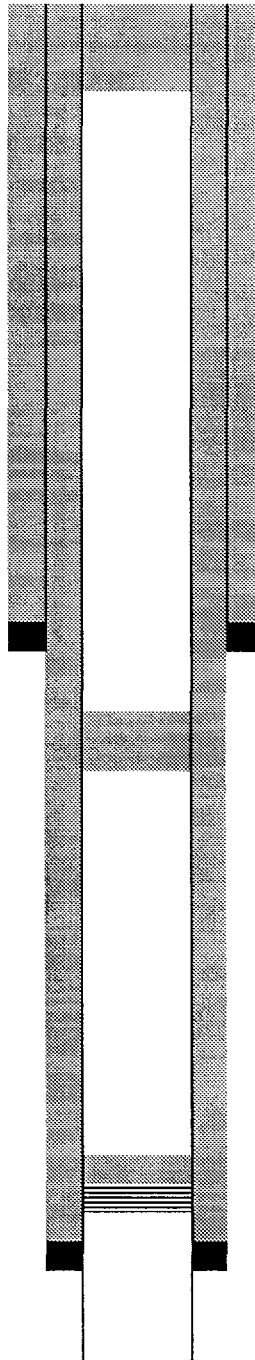
TD: 3282'

Clara Fowler #3
Sun Oil
Unit E, 1650 FNL & 990 FWL
Sec 31, T-18-S, R-38-E

P&A'd: 2/26/79
DATUM: 3254 df

Size: 9-5/8"
Weight:
Depth: 260'
Hole Size: 12.5"
Cmt: 300 sxs
TOC: Calc. Surf.

Size: 5-1/2"
Weight:
Depth: 3250'
Hole Size: 7-7/8"
Cmt: 500 sxs
TOC: Calc Surf.



75 sxs cement plug, 0-150'

20 sxs cement plug, 1730-1600'

CIBP w/ cmt @ 3100'

TD: 3282'

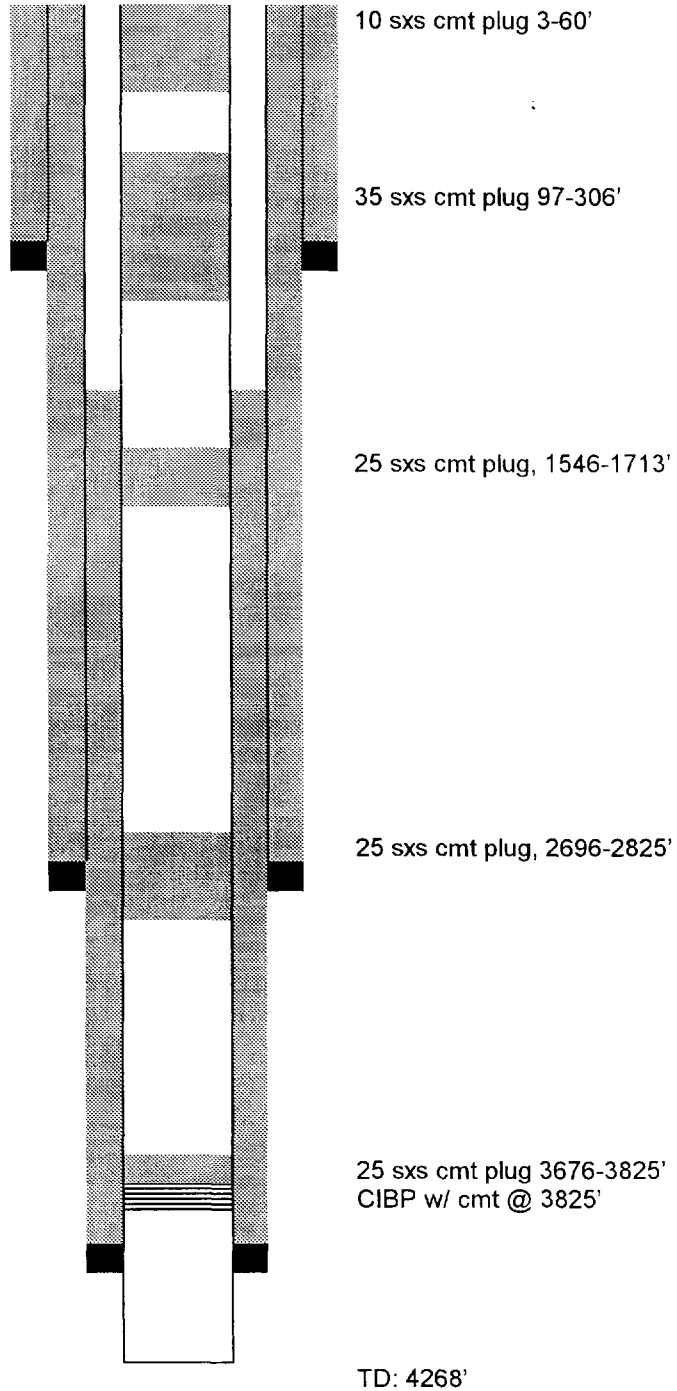
NHU 30-342
(Formally Bowers Fed. A #8)
Humble
Unit O, 440 FSL & 2320 FEL
Sec 30, T-18-S, R-38-E

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



LIST OF OFFSET OPERATORS & SURFACE OWNERS

North Hobbs (Grayburg/San Andres) Unit
Well No. 211
Letter C, Section 31, T-18-S, R-38-E
Lea County, New Mexico

Offset Operators

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

Exxon Company, U.S.A.
Attn: Joint Interest Operations
P.O. Box 4707
Houston, TX 77210-4707

Marathon Oil Company
P.O. Box 552
Midland, TX 79702-0552

Charles E. Seed
Houston Ranch
Lovington Hwy.
Hobbs, NM 88240

Lewis B. Burleson, Inc.
P.O. Box 2479
Midland, TX 79702

Surface Owners

V.R. Jones
Star Route A
Box 440
Hobbs, NM 88240

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:

Exxon Company, U.S.A.
Attn: Joint Interest Operations
P.O. Box 4707
Houston, TX 77210-4707

4a. Article Number

P 436 313 774

4b. Service Type

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

7. Date of Delivery

5. Received By: (Print Name)

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

6. Signature: (Addressee or Agent)

X

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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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:

Marathon Oil Company
P.O. Box 552
Midland, TX 79702-0552

4a. Article Number

P 436 313 775

4b. Service Type

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

7. Date of Delivery

5. Received By: (Print Name)

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

6. Signature: (Addressee or Agent)

X

PS Form 3811, December 1994

102595-97-B-0179

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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:

Charles E. Seed
Houston Ranch
Lovington Hwy.
Hobbs, NM 88240

4a. Article Number

P 436 313 776

4b. Service Type

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

7. Date of Delivery

5. Received By: (Print Name)

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

6. Signature: (Addressee or Agent)

X

PS Form 3811, December 1994

102595-97-B-0179

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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:

V.R. Jones
Star Route A
Box 440
Hobbs, NM 88240

4a. Article Number

P 436 313 777

4b. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Registered | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> 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)

PS Form 3811, December 1994

102595-97-B-0179

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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:

Lewis B. Burleson, Inc.
P.O. Box 2479
Midland, TX 79702

4a. Article Number

P 436 313 778

4b. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Registered | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> 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)

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

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

December 31 1999

and ending with the issue dated

December 31 1999

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 3rd day of

January 2000

Jodi Benson

Notary Public.

My Commission expires
October 18, 2000
(Seal)

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.

LEGAL NOTICE

December 31, 1999

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 Department, for approval of the following injection wells for the purpose of secondary recovery:

Pool Name: Hobbs; Grayburg-San Andres

Lease/Unit Name: North Hobbs G/SA Unit

Well No. 231

Loc.: 2310' FSL & 2310' FWL, Unit Letter K, Sec. 19, T-18-S, R-38-E, Lea Co., NM

Well No. 422

Loc.: 2310' FNL & 330' FWL, Unit Letter H, Sec. 24, T-18-S, R-37-E, Lea Co., NM

Well No. 431

Loc.: 2310' FSL & 330' FEL, Unit Letter I, Sec. 25, T-18-S, R-37-E, Lea Co., NM

Well No. 131

Loc.: 2310' FSL & 330' FWL, Unit Letter L, Sec. 28, T-18-S, R-38-E, Lea Co., NM

Well No. 332

Loc.: 2470' FNL & 1800' FEL, Unit Letter G, Sec. 28, T-18-S, R-38-E, Lea Co., NM

Well No. 231

Loc.: 2310' FSL & 1650' FWL, Unit Letter K, Sec. 29, T-18-S, R-38-E, Lea Co., NM

Well No. 321

Loc.: 2310' FNL & 1650' FEL, Unit Letter G, Sec. 29, T-18-S, R-38-E, Lea Co., NM

Well No. 223

Loc.: 1770' FNL & 2405' FWL, Unit Letter F, Sec. 30, T-18-S, R-38-E, Lea Co., NM

Well No. 411

Loc.: 330' FNL & 3300' FEL, Unit Letter A, Sec. 30, T-18-S, R-38-E, Lea Co., NM

Well No. 211

Loc.: 440' FNL & 2310' FWL, Unit Letter C, Sec. 31, T-18-S, R-38-E, Lea Co., NM

Well No. 144

Loc.: 765' FSL & 1175' FWL, Unit Letter M, Sec. 32, T-18-S, R-38-E, Lea Co., NM

Well No. 312

Loc.: 210' FNL & 1400' FEL, Unit Letter B, Sec. 32, T-18-S, R-38-E, Lea Co., NM

Well No. 431

Loc.: 2310' FSL & 330' FEL, Unit Letter I, Sec. 32, T-18-S, R-38-E, Lea Co., NM

Well No. 111

Loc.: 330' FNL & 330' FWL, Unit Letter D, Sec. 33, T-18-S, R-38-E, Lea Co., NM

Well No. 211

Loc.: 330' FNL & 2310' FWL, Unit Letter C, 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 +/- 5300' 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.

#17073

02101173000

02533892

altura

P. O. Box 4294

Houston, TX 77210-4294