

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

**[NSL-Non-Standard Location]** **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling]** **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling]** **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion]** **[PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal]** **[IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification]** **[PPR-Positive Production Response]**

230

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☒ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☒ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Mark Stephens  
Print or Type Name

*Mark Stephens*  
Signature

Reg. Comp. Analyst  
Title

5/16/05  
Date

Mark\_Stephens@oxy.com  
e-mail Address



**Occidental Permian Ltd.**  
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521  
P.O. Box 4294, Houston, Texas 77210-4294  
Phone 713.215.7000

May 17, 2005

State of New Mexico  
Energy, Minerals & Natural Resources Department  
Oil Conservation Division  
1220 S. St. Francis Dr.  
Santa Fe, NM 87505

RE: Expansion of Pressure Maintenance Project (R-6199-B, 10/22/01)  
North Hobbs (Grayburg/San Andres) Unit  
Hobbs; Grayburg – San Andres Pool  
Well No. 111 (30-025-07077)  
Letter D, Section 30, 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. 111 from production to injection. As such, the following data is submitted in support of this request:

- Administrative Application Checklist
- Form C-108 with miscellaneous data attached
- Form C-102
- A map reflecting the location of the proposed injection well (No. 111). 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
- Exhibits 1.0 & 1.1 – Area of Review Data



**Occidental Permian Ltd.**

A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521  
P.O. Box 4294, Houston, Texas 77210-4294  
Phone 713.215.7000

- Exhibit 2.0 – Showing nearby wells which have previously been approved for similar injectants/rates in accordance with Order No. R-6199-B
- 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 or need additional information, please call me at (713) 366-5158.

Very truly yours,

Mark Stephens  
Regulatory Compliance Analyst

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 ☒ Pressure Maintenance ☐ Disposal ☐ Storage  
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. OPERATOR: Occidental Permian Limited Partnership  
ADDRESS: P.O. Box 4294, Houston, TX 77210-4294  
CONTACT PARTY: Mark Stephens, Rm. 19.013, GRWY 5 PHONE: (713) 366-5158
- 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? ☒ Yes ☐ No  
If yes, give the Division order number authorizing the project: R-6199-B (10/22/01)
- 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: Reg. Comp. Analyst

SIGNATURE: Mark Stephens DATE: May 16, 2005

E-MAIL ADDRESS: Mark\_Stephens@oxy.com

- \* 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 September 6, 2001; Case No. 12722, Order No. 6199-B, effective October 22, 2001

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

Attachment To Form C-108  
Miscellaneous Data

North Hobbs (Grayburg/San Andres) Unit  
Well No. 111  
API No. 30-025-07077  
Letter D, Section 30, T-18-S, R-38-E  
Lea County, New Mexico

III. Well Data

- B.(5) Next higher oil zone -- Byers (Queen) @ +/- 3680'  
Next lower oil zone -- Glorieta @ +/- 5300'

VII. Proposed Operation

1. Average Injection Rate           N/A  
Maximum Injection Rate       9000 BWPD/15,000 MCFGPD\*  
(\* In accordance with Order No. R-6199-B, effective 10/22/01)
2. Closed Injection System
3. Average Surface Injection Pressure       N/A  
Maximum Surface Injection Pressures  
    Produced Water               1100 PSI\*  
    CO2                           1250 PSI\*  
    CO2 w/produced gas           1770 PSI\*  
    <will not exceed 2400 psi bottomhole pressure>  
(\* In accordance with Order No. R-6199-B, effective 10/22/01)
4. Source Water – San Andres Produced Water  
(Mitchell Analytical Laboratory analysis attached)

IX. Stimulation Program

Acid treatment of injection interval will be performed during conversion work  
(approx. 2000 gal. 15% HCL)

XI. Fresh Water Sample Analysis

(Laboratory Services, Inc. analysis attached – 2 ea., for nearby Well No. 121 in  
Section 30)

- 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

Company: **Nalco Energy Services**

Well Number: WIB Pump Dis. #3  
Lease: OXY  
Location:  
Date Run: 1/25/2005  
Lab Ref #: 05-jan-n23830

Sample Temp: 70  
Date Sampled: 1/19/2005  
Sampled by: Mike Athey  
Employee #: 27-008  
Analyzed by: DOM

## *Dissolved Gases*

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H <sub>2</sub> S)	137.00	16.00	8.56
Carbon Dioxide	(CO <sub>2</sub> )	<b>NOT ANALYZED</b>		
Dissolved Oxygen	(O <sub>2</sub> )	<b>NOT ANALYZED</b>		

## *Cations*

Calcium	(Ca++)	1,125.60	20.10	56.00
Magnesium	(Mg++)	341.60	12.20	28.00
Sodium	(Na+)	3,524.02	23.00	153.22
Barium	(Ba++)	<b>NOT ANALYZED</b>		
Manganese	(Mn+)	.08	27.50	.00

## *Anions*

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO <sub>3</sub> =)	.00	30.00	.00
BiCarbonate	(HCO <sub>3</sub> -)	2,028.52	61.10	33.20
Sulfate	(SO <sub>4</sub> =)	1,700.00	48.80	34.84
Chloride	(Cl-)	6,006.60	35.50	169.20
Total Iron	(Fe)	0.28	18.60	.02
Total Dissolved Solids		14,863.70		
Total Hardness as CaCO <sub>3</sub>		4,214.56		
Conductivity MICROMHOS/CM		26,250		

pH 6.350 Specific Gravity 60/60 F. 1.010

CaSO<sub>4</sub> Solubility @ 80 F. 39.63 MEq/L, CaSO<sub>4</sub> scale is unlikely

## *CaCO<sub>3</sub> Scale Index*

70.0	.221	100.0	.561	130.0	1.121
80.0	.341	110.0	.821	140.0	1.121
90.0	.561	120.0	.821	150.0	1.401

*Nalco Energy Services*

**Laboratory Services, Inc.**

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

**Water Analysis**

**COMPANY** Altura Energy Ltd,

**SAMPLE** Fresh Water Well For Well 30-121  
**SAMPLED BY**

**DATE TAKEN** 5/10/00

**REMARKS** T18S-R38E-Sec 30, Qtr Sec 1,4,2

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

Results reported as Parts per Million unless stated

Langelier Saturation Index - 0.33

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

**Laboratory Services, Inc.**

4016 Fiesta Drive

Hobbs, New Mexico 88240

Telephone: (505) 397-3713

**Water Analysis**COMPANY Altura Energy Ltd,SAMPLE Fresh Water Well For Well 30-121

SAMPLED BY \_\_\_\_\_

DATE TAKEN 5/10/00REMARKS T18S-R38E-Sec.30, Qtr Sec. 1,2,3

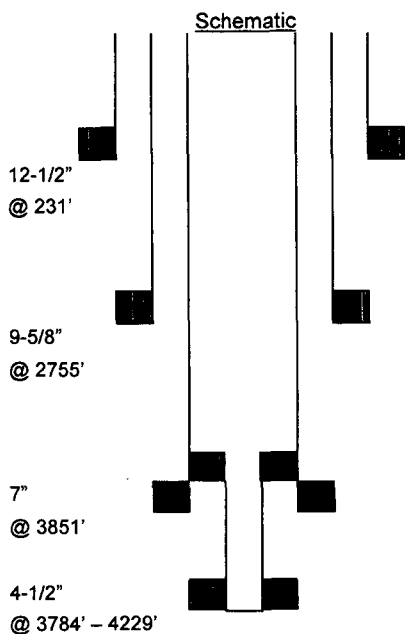
Barium as Ba	0
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	224
pH at Lab	7.4
Specific Gravity @ 60°F	1.001
Magnesium as Mg	167
Total Hardness as CaCO <sub>3</sub>	288
Chlorides as Cl	76
Sulfate as SO <sub>4</sub>	110
Iron as Fe	0
Potassium	0.08
Hydrogen Sulfide	0
Rw	8
Total Dissolved Solids	717
Calcium as Ca	121
Nitrate	10.6

Results reported as Parts per Million unless statedLangelier Saturation Index 0Analysis by: Rolland PerryDate: 5/14/00



# INJECTION WELL DATA SHEET

Operator Occidental Permian Limited Partnership		Lease North Hobbs G/SA Unit			County Lea
Well No. 30-111	Footage Location 330' FNL & 330' FWL	Section 30	Township 18-S	Range 38-E	Unit Letter D



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	12-1/2"	Cemented with	250 sxs.
TOC	SURF	Determined by	CIRC
Hole size			
<u>Intermediate Casing</u>			
Size	9-5/8"	Cemented with	450 sxs.
TOC	SURF	Determined by	Assumed
Hole size			
<u>Long string Casing</u>			
Size	7"	Cemented with	200 sxs.
TOC	2836'	Determined by	CBL
Hole size			
<u>Liner</u>			
Size	4-1/2"	Cemented with	220 sxs.
TOC	3784'	Determined by	CIRC
Hole size			
Total depth	4256'		

Injection interval  
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-3/8" lined with Duoline (Fiberglass liner) set in a  
Guiberson - Uni VI packer at Within 100 feet of the top perf.  
(brand and model)

## Other Data

- 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) None
- Give the depth to and name of any overlying and/or underlying oil and gas zones (pools) in this area.  
Byers (Queen), +/- 3680'; Glorieta, 5300'

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-102  
Revised June 10, 2003

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-07077		<sup>2</sup> Pool Code 31920		<sup>3</sup> Pool Name Hobbs; Grayburg - San Andres	
<sup>4</sup> Property Code 19520		<sup>5</sup> Property Name North Hobbs G/SA Unit			<sup>6</sup> Well Number 111
<sup>7</sup> OGRID No. 157984		<sup>8</sup> Operator Name Occidental Permian Limited Partnership			<sup>9</sup> Elevation 3650' GR

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	30	18-S	38-E		330	North	330	West	Lea

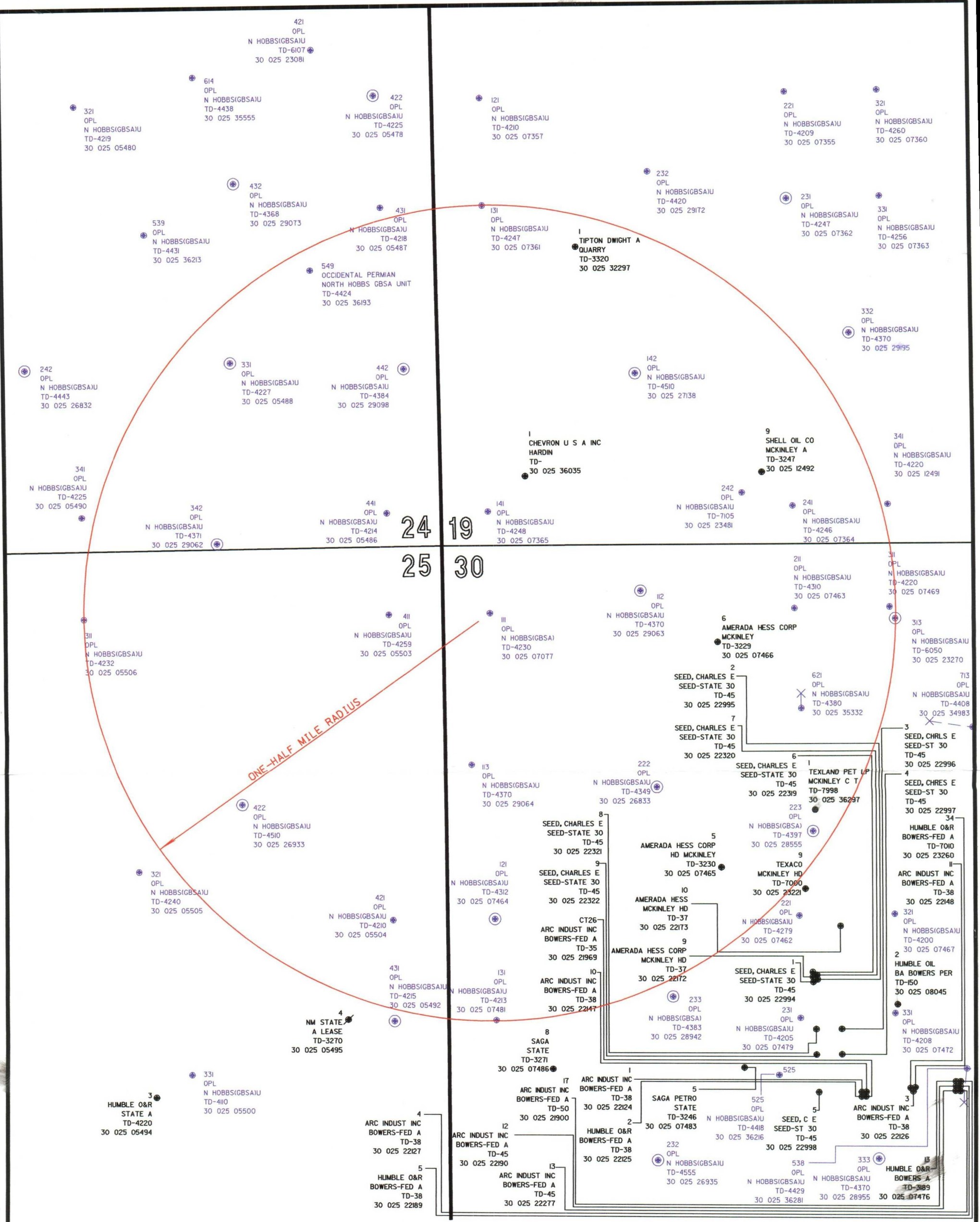
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

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

				<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Mark Stephens</i></p> <p>Signature Mark Stephens</p> <p>Printed Name Regulatory Compliance Analyst</p> <p>Title and Email May 11, 2005</p> <p>Date</p>
				<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyer:</p> <p>Certificate Number</p>



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



Area of Review Plat

## NORTH HOBBS (GRAYBURG SAN ANDRES) UNIT

WELL NO. 30-111

T-18-S, R-38-E  
Lea County, New Mexico

Scale: 1" = 600' 02-22-2005 nm438\_2005.dgn  
Plat prepared by PJE Drafting, Inc.  
For Horizon Survey, Inc.

## **Exhibit 1.0 – Area of Review Data**

### **Area of Review Well Count**

Active Wells (includes SI and TxA'd wells) – 27

Plugged and Abandoned Wells – 2

**McKinley "A" No. 9** (30-025-12492)

Sec. 19, T-18-S, R-38-E, Lea Co.

'Miscellaneous Reports on Wells' attached

**C.T. McKinley No. 1** (30-025-36297)

Sec. 30, T-18-S, R-38-E, Lea Co.

Drilled as a dry hole – C-103's (2 ea.) and C-105 documenting same are attached


A review of the subject well's AOR shows that one new well has been drilled within the ½-mile radius since the previous review occurred (done as a part of Oxy's August, 2001 application to amend Order No. R-6199). This well is:

**North Hobbs G/SA Unit No. 549** (30-025-36193)

The attached copies of sundry notices and the completion report for this well show that cement was circulated to surface off all casing strings thus affording adequate protection of the injection interval (approx. 4000' to 4256') of Oxy's North Hobbs G/SA Unit Well No. 111.

### NOTES:

ChevronTexaco's **Hardin No. 1** (30-025-36035) in Section 19 was permitted but not drilled – see OCD correspondence dated 11/3/03.



Mark Stephens  
Regulatory Compliance Analyst  
Occidental Permian Limited Partnership

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

## MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New MexicoJuly 31, 1947

Place

Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Shell Oil Company, Incorporated McKinley Well No. A-9 in SW/4  
Company or Operator Lease  
of Sec. 19, T. 18-S, R. 38-E, N. M. P. M., Hobbs Field.  
Lea County.

## FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Run 8 5/8-inch casing to 419 feet and cemented with 200 sacks Inocer cement.

Plug down 6:00 p.m. 7-30-47. Will test casing shut-off at 6:00 p.m. 7-31-47.

Approved Aug, 1947  
except as follows:

Shell Oil Company, Incorporated  
Company or Operator

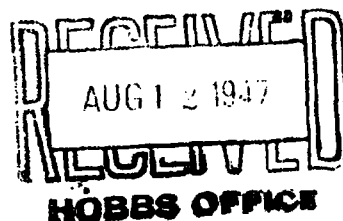
By M. C. Brunner *M. C. Brunner*

Position District Superintendent  
Send communications regarding well to

Name Shell Oil Company, IncorporatedAddress Box 1457Hobbs, New Mexico

OIL CONSERVATION COMMISSION,  
By Ray Yarbrough  
Title Asst. Sec. for Enforcement

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**SANTA FE, NEW MEXICO**  
**MISCELLANEOUS NOTICES**



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<b>X</b>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

August 8, 1947

Place

Date

OIL CONSERVATION COMMISSION,  
 Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the \_\_\_\_\_

Shell Oil Company, Incorporated McKinley A Well No. 9 in SE/4  
 Company or Operator Lease  
 of Sec. 19, T. 18-S, R. 38-E, N. M. P. M., Bowers Field.  
Lea County.

**FULL DETAILS OF PROPOSED PLAN OF WORK**

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 4 1/2-inch OD casing to 3179 feet and cemented with 850 sacks cement. Caliper Survey showed cement requirements to top of salt at 1640 feet to be 650 sacks. Plug down 7:00 a.m. 8-7-47. After 11 hours W.O.C. ran temperature survey and found top of cement behind 4 1/2-inch casing to be at 1530 feet. Will test casing and cement job at 1:00 p.m. 8-8-47.

Approved \_\_\_\_\_, 19\_\_\_\_  
 except as follows:

OIL CONSERVATION COMMISSION

By Nancy Yarbrough  
 Title \_\_\_\_\_

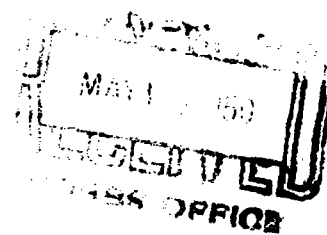
Shell Oil Company, Incorporated  
 Company or Operator  
 By M. C. Brunner  
 Position District Superintendent  
 Send communications regarding well to  
 Name Shell Oil Company, Incorporated  
 Address Box 1457  
Hobbs, New Mexico



## OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	X		

May 12, 1950

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,  
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the \_\_\_\_\_

Shell Oil Company

McKinley "A"

Well No. 9

in the

Company or Operator

Lease

SW/4

of Sec. 19

T.

18-S

R.

38-E

N. M. P. M.,

Bowers

Field,

Lea

County.

The dates of this work were as follows:

May 9 &amp; 10, 1950

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on 5-5-1950

and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spotted 10 sack cement plug from 3023 to 3179 feet. Shot casing @ 1148 feet. Recovered 1147' of 4 1/2" casing. Spotted 5 sack cement plug from 1150 to 1228'. Foured 10 sack surface plug. Placed dry hole marker. Well plugged and abandoned.

Witnessed by G. L. Goodpasture

Shell Oil Company

Production Foreman

Name

Company

Title

Subscribed and sworn before me this 12th

day of May

19 50

I hereby swear or affirm that the information given above is true and correct.

Name

Frank R. Lovering

Position

District Superintendent

Representing

Shell Oil Company

Company or Operator

My commission expires

Address

Box 1457, Hobbs, New Mexico

Remarks: APPROVED

Date

Name

Title

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.	30-025-36297
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No. 32394	
7. Lease Name or Unit Agreement Name McKinley, C.T.	
8. Well No. 1	
9. Pool name or Wildcat Wildcat; Simpson	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3654' GR	

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

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

2. Name of Operator  
Texland Petroleum, L.P.

3. Address of Operator  
777 Main Street, Suite 3200  
Fort Worth, TX 76102

4. Well Location  
Unit Letter F 1535' feet from the North line and 2418' feet from the West line  
Section 30 Township 18S Range 38E NMPM County Lea

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

See Attached



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

SIGNATURE Susan Austin-Morse TITLE Regulatory Analyst DATE 07/08/2003

Type or print name Susan Austin-Morse Telephone No. (817)336-2751

(This space for State use)

APPROVED BY Paul J. Kautz TITLE PETROLEUM ENGINEER DATE SEP 15 2003

Conditions of approval, if any:



<b>PLUGGING PROCEDURE</b>		
<b>McKINLEY CT NO. 1</b>		
<b>(Per visit with Gary Wink of NMOCD)</b>		
<b>MAJ, 7/7/03</b>		
<b>PLUG</b>	<b>SPOT CEMENT PLUGS AS FOLLOWS:</b>	
<b><u>NO.</u></b>	<b><u>DEPTH</u></b>	<b><u>PLUG DESCRIPTION</u></b>
1	8000	100' or 25 sx. (whichever is greater)
2	5830-5730	50' below & above T/Blinebry
	T/Blinebry 5780'	
3	4075-3975	50' below & above T/San Andres
	T/SanAndres 4025	
4	3105 (csg shoe)	50' in & 50' out of csg & tag
5	2000-1900	100'
	(salt)	
6	450 (csg shoe)	50' in & 50' out of csg & tag
7	srfc	10 sx

Submit 3 Copies To Appropriate District

Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised May 08, 2003

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-36297
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Dry Hole		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Texland Petroleum, L.P.		6. State Oil & Gas Lease No. 32394
3. Address of Operator 777 Main Street, Suite 3200 Fort Worth, TX 76102		7. Lease Name or Unit Agreement Name McKinley, C.T.
4. Well Location Unit Letter F : 1535' feet from the North line and 2418' feet from the West line Section 30 Township 18S Range 38E NMPM County Lea		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3654' GR		9. OGRID Number
		10. Pool name or Wildcat Wildcat; Simpson

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS ☐ PLUG AND ABANDONMENT ☒  
CASING TEST AND CEMENT JOBS ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached

Approved as to Plugging of the Well Bore.  
Liability under bond is retained until  
Surface restoration is completed.

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

SIGNATURE Susan Austin-Morse TITLE Regulatory Analyst DATE 08/14/2003

Type or print name Susan Austin-Morse

(This space for State use)

Telephone No. (817)336-2751

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE SEP 15 2003

Conditions of approval, if any:



# JOB LOG

TICKET #

2546539

TICKET DATE

07/09/03

REGION  
NORTH AMERICA LANDNWA / COUNTRY  
CENTRAL REGION

BDA / STATE

MIDLAND, TX

COUNTY

Lea

MBU ID / EMPL #

HO-0101 104068

H.E.S. EMPLOYEE NAME

SCOTT NELSON

PSL DEPARTMENT

ZONAL ISOLATION

LOCATION

Hobbs, New Mexico

COMPANY

Texland Petroleum

CUSTOMER REP / PHONE

Jerry Rodgers

806-781-3396

TICKET AMOUNT

WELL TYPE

API/WI #

WELL LOCATION

Hobbs

DEPARTMENT

CEMENTING SERVICES 10003

JOB PURPOSE CODE

7528

LEASE / WELL #

McKinley

Well No.

#1

SEC / TWP / RNG

Chart No.	Time	Rate (BPM)	Volume (Bbl)	Empl	Press (PSI)	Job Description / Remarks
TX TIME	1845					CONDUCT PRE DEPARTURE SAFETY MEETING
	1900					ARRIVE ON LOCATION
	1915					CONDUCT LOCATION ASSESSMENT SAFETY MEETING
	1930					CONDUCT PRE-RIG UP SAFETY MEETING
	0430					CONDUCT PRE-JOB SAFETY MEETING
	0500	1.0	3.0	X	5500	TEST LINES
1st Plug	0507	2.5	20.0	X	140	FRESH WATER SPACER
8000'	0524	2.5	6.3	X	130	30 SKS PREM. 2% CACL, 15.6, 1.18, 5.2
TOC 7895'	0527	2.5	7.0	X	80	FRESH WATER
	0530	8.0	105.0	X	530	MUD DISPLACEMENT
	0820					TAGGED PLUG AT 7895'
2nd Plug	1024	3.0	20.0	X	80	FRESH WATER SPACER
5830'	1037	3.0	6.3	X	120	30 SKS PREM. NEAT, 15.6, 1.18, 5.2
TOC 5715	1039	3.0	7.0	X	100	FRESH WATER
	1044	8.0	74.0	X	300	MUD DISPLACEMENT
3rd Plug	1227	2.0	20.0	X	100	FRESH WATER SPACER
5508'	1236	3.0	6.3	X	360	30 SKS PREM. NEAT, 15.6, 1.18, 5.2
TOC 5393'	1238	3.0	7.0	X	80	FRESH WATER
	1241	7.5	69.5	X	320	MUD DISPLACEMENT
4th Plug	1435	5.0	20.0	X	190	FRESH WATER SPACER
4075'	1439	3.5	7.0	X	192	30 SKS PREM. PLUS NEAT, 14.8, 1.32, 6.3
TOC 3947'	1442	1.5	7.0	X	10	FRESH WATER
	1445	7.5	49.0	X	250	MUD DISPLACEMENT
5th Plug	1543	5.0	20.0	X	145	FRESH WATER SPACER
3145	1548	5.0	7.0	X	125	30 SKS PREM. PLUS 2% CACL, 14.8, 1.32, 6.3
	1451	1.0	7.0	X	10	FRESH WATER
	1555	6.0	35.0	X	270	MUD DISPLACEMENT
5th Plug	1851	5.0	20.0	X		FRESH WATER SPACER
3145'	1855	1.5	10.5	X		45 SKS PREM. PLUS 2% CACL, 14.8, 1.32, 6.3
TOC 3045	1900	3.0	7.0	X		FRESH WATER
	1905	6.7	35.0	X		MUD DISPLACEMENT
	2130					TAGGED PLUG AT 3045'
6th Plug	2209	3.5	20.0	X	67	FRESH WATER SPACER
2030'	2215	3.5	7.0	X	215	30 SKS PREM. PLUS NEAT, 14.8, 1.32, 6.3
TOC 1915	2217	5.5	7.0	X	95	FRESH WATER
	2218	5.5	20.0	X	200	MUD DISPLACEMENT
						SEE NEXT PAGE FOR OTHER PLUGS
						MIXING WATER QA RESULTS:
						pH #REF!
						Chlorides #REF!
						Temperature #REF!

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
<p>THE INFORMATION STATED HEREIN IS CORRECT</p> <p>CUSTOMER REPRESENTATIVE _____</p>			

# THE ROAD TO EXCELLENCE STARTS WITH SAFETY

COMPANY Texland Petroleum  
 COMPANY REP. Jerry Rodgers  
 CONTRACTOR Capstar  
 LEASE McKinley  
 API NO. \_\_\_\_\_  
 R/T MILEAGE 10

DATE 7/8/03  
 CO. REP. TELE. # 806-781-3396  
 TOWN/STATE Hobbs NM  
 WELL NO. #1  
 COUNTY Lea  
 H2S PRESENT? Possible

## DIRECTIONS

South of yard on Hwy 18 to W. County Rd. T/R (S) on W. County Rd. and go 1.9 Miles to Mahan Rd. T/R (W) and go 7/10 mile to Roberts Rd. T/R (N) and go 2/10 mile to cattle guard on left. T/L then back to the North 1/10 mile to location.

## TUBULAR INFORMATION

SIZE 8 5/8 WEIGHT 32# THREAD \_\_\_\_\_ GRADE \_\_\_\_\_  
 CASING SIZE: 8 5/8  
 DRILL PIPE: 4 1/2 XH 16.6  
 HOLE: 7 7/8 WELL FLUID: Drilling Mud DISP FLUID: Fresh/Mud

## JOB TYPE AND EQUIPMENT

COND \_\_\_\_\_ SURF \_\_\_\_\_ INTER \_\_\_\_\_ LONG SG \_\_\_\_\_ SQUEEZE \_\_\_\_\_  
 LINER \_\_\_\_\_ PTA XXX PLG BCK \_\_\_\_\_ OTHER \_\_\_\_\_  
 TOP PLUG \_\_\_\_\_ BOTTOM PLUG \_\_\_\_\_ BHCT \_\_\_\_\_ BHST \_\_\_\_\_  
 PLUG CONTAINER 1 Ea. SWADGE 2 Ea. TD 450 + OTHER \_\_\_\_\_  
 EQUIPMENT TYPE RCM / Bulk / Pressurizer

## CEMENT INFORMATION

FIRST STAGE: SACKS 90 TYPE Premium  
 ADDITIVES Take 1 sks Cacl2 not mixed!  
 MIXED AT 15.6 LBS/GAL YIELD 1.18 WATER 5.2 GAL/SK  
 SACKS 130 TYPE Premium Plus  
 ADDITIVES Take 1 sks Cacl2 not mixed!  
 MIXED AT 14.8 LBS/GAL YIELD 1.32 WATER 6.3 GAL/SK

SECOND STAGE SACKS \_\_\_\_\_ TYPE \_\_\_\_\_  
 ADDITIVES \_\_\_\_\_  
 MIXED AT \_\_\_\_\_ LBS/GAL YIELD \_\_\_\_\_ WATER \_\_\_\_\_ GAL/SK  
 SACKS \_\_\_\_\_ TYPE \_\_\_\_\_  
 ADDITIVES \_\_\_\_\_  
 MIXED AT \_\_\_\_\_ LBS/GAL YIELD \_\_\_\_\_ WATER \_\_\_\_\_ GAL/SK

THIRD STAGE SACKS \_\_\_\_\_ TYPE \_\_\_\_\_  
 ADDITIVES \_\_\_\_\_  
 MIXED AT \_\_\_\_\_ LBS/GAL YIELD \_\_\_\_\_ WATER \_\_\_\_\_ GAL/SK  
 SACKS \_\_\_\_\_ TYPE \_\_\_\_\_  
 ADDITIVES \_\_\_\_\_  
 MIXED AT \_\_\_\_\_ LBS/GAL YIELD \_\_\_\_\_ WATER \_\_\_\_\_ GAL/SK

PREFLUSH: TYPE \_\_\_\_\_ SPACER: TYPE \_\_\_\_\_

## REMARKS / SAFETY EQUIPMENT

## SALES ITEMS

ITEM	TYPE	QUANTITY	UNIT PRICE	TOTAL
GUIDE SHOE	Competition Float Equipment			
FLOAT SHOE				
FLOAT COLLAR				
STAGE TOOL				
CENTRALIZERS				
WALL CLEANERS				
INSERT FLOAT				
LIMIT CLAMPS				
WELD-A				

## REMARKS

IS CREDIT OK? Yes  
 % DISCOUNT 40%  
 ORDERED BY Jerry  
 CALL TAKEN BY Donnie  
 REVIEWED BY SN/EO  
 TRACTOR 10045307 TRAILER 10010772 PICKUP 421248 CREW CALLED @ \_\_\_\_\_  
 CREW MEMBERS S.NELSON / T.ROBLES  
 CREDIT CHECKED BY \_\_\_\_\_  
 SALES ORDER # 2546539  
 DATE/TIME OF CALL D. SEAY @ 17:30 7/9  
 TIME READY 21:00 TT 7/9  
 CREW FROM HOBBES MATERIALS FROM hobbs

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240  
**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210  
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. <b>30-025-36297</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. <b>32394</b>

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name <b>McKinley, C.T.</b>
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____		
2. Name of Operator <b>Texland Petroleum, L.P.</b>		8. Well No. <b>01</b>
3. Address of Operator <b>777 Main Street, Suite #3200, Fort Worth, TX 76102</b>		9. Pool name or Wildcat <b>Wildcat: Simpson</b>
4. Well Location Unit Letter <b>F</b> : <b>1535'</b> Feet From The <b>North</b> Line and <b>2418'</b> Feet From The <b>West</b> Line Section <b>30</b> Township <b>18S</b> Range <b>38E</b> NMPM <b>Lea</b> County		
10. Date Spudded <b>06/16/2003</b>	11. Date T.D. Reached <b>07/07/2003</b>	12. Date Compl. (Ready to Prod.) <b>07/14/2003</b>
13. Elevations (DF & RKB, RT, GR, etc.) <b>3654' GR</b>		14. Elev. Casinghead
15. Total Depth <b>7998'</b>	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		Rotary Tools <b>X</b> Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name <b>none</b>		20. Was Directional Survey Made
21. Type Electric and Other Logs Run <b>Three Detector Litho Density</b>		22. Was Well Cored <b>no</b>

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	450'	17 1/2"	90 sx P	
8 5/8"	32#	3500'	11"		
4 1/2"	16.6#	8000'	7 7/8"	130 sx PR	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Dry Hole (P&A'd)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
--	-------------------

30. List Attachments <b>Deviation Survey, C-103 Sundry Notice (P&amp;A) and log</b>
--

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief			
Signature <u>Susan Austin-Morse</u>	Printed Name <u>Susan Austin-Morse</u>	Title <u>Regulatory Analyst</u>	Date <u>08/19/2003</u>

K2

Submit to Appropriate District Office  
State Lease - 3 copies  
Fee Lease - 5 copies  
District I  
1625 N. French, Hobbs, NM 88240  
District II  
311 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-025-36193

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Occidental Permian Limited Partnership

3. Address of Operator

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

4. Well Location

Unit Letter I : 1802 Feet From The South Line and 815 Feet From The East Line

Section 24 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded

3/26/03

11. Date T.D. Reached

3/31/03

12. Date Compl. (Ready to Prod.)

4/18/03

13. Elevations (DF & RKB, RT, GR, etc.)

3656' GR

14. Elev. Casinghead

15. Total Depth

4424'

16. Plug Back T.D.

4370'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools  
4424'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4132' - 4296'; Grayburg - San Andres

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

TD-LD CN/HNGS; HRLA/HNGS; Monitor Log/Gamma Ray

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14	Conductor	40	18	50 sx.	RECEIVED
8-5/8	24	1514	12-1/4	800 sx.	Hobbs
5-1/2	15.5	4424	7-7/8	900 sx.	OCD

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4023'	

26. Perforation record (interval, size, and number)

4132' - 4296' (2 JSPF)

27. ACID, SHOT, FRACTURE, CEMENT, SOEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

4132' - 4296' 6560 Gal. 15% HCL

28. PRODUCTION

Date First Production

4/28/03

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping - ESP, Reda

Well Status (Prod. or Shut-in)

Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/29/03	24	N/A		25	37	1906	1480
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
50	35		25	37	1906	35	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

T. Summers

30. List Attachments

Logs (4 ea.): Inclination Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Mark Stephens

Printed Name

Mark Stephens

Title Reg. Comp. Analyst Date 5/5/03

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

**DISTRICT I**

P.O. Box 1980, Hobbs NM 88241-1980

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-025-36193

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

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

1. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

2. Name of Operator

Occidental Permian Limited Partnership

3. Address of Operator

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

8. Well No.

549

9. Pool name or Wildcat

Hobbs; Grayburg - San Andres

4. Well Location

Unit Letter I : 1802 Feet From The South Line and 815 Feet From The East Line

Section 24 Township 18-S Range 37-E NMPM Lea County

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

3656' GR

11.

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

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Run 5-1/2" Casing ☒

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

4/1/03: Run 109 jts. 5-1/2". 15.5#. J-55, LT&C casing with 12 centralizers and set at 4424'.  
Cement first stage with 250 sx. Premium Plus. Plug down and circulate 84 sx. to surface.  
Circulate 4 hours between stages. Cement second stage with 550 sx. Interfill 'C' (lead) x  
100 sx. Premium Plus (tail). Plug down and circulate 147 sx. to surface. ND x set slips.  
Cut off casing x install wellhead x rig down.

Release drilling rig at 4:00 a.m., 4/2/03.

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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 4/8/03

TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY GARY W. WINK DATE APR 15 2003

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY

GARY W. WINK

OC FIELD REPRESENTATIVE II/STAFF MANAGER



Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs NM 88241-1980  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-025-36193
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name North Hobbs G/SA Unit
8. Well No. 549
9. Pool name or Wildcat Hobbs; Grayburg - San Andres
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3656' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. Name of Operator Occidental Permian Limited Partnership	
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	
4. Well Location Unit Letter I : 1802 Feet From The South Line and 815 Feet From The East Line Section 24 Township 18-S Range 37-E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3656' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Spud & Run Surface Casing <input checked="" type="checkbox"/>

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

3/26/03: MI x RU. Spud 12-1/4" hole at 5:00 a.m. (NMOCD notified)

3/26/03 -

3/27/03 : Run 37 jts. 8-5/8", 24#, J-55, ST&C casing with 13 centralizers and set at 1514'. Cement with 500 sx. PBCZ lead and 300 sx. Premium Plus tail. Plug down x circulate 42 sx. to surface. WOC. NU BOP x test blind rams & choke to 1000 psi. Drill out cement and resume drilling operations.

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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 03/31/03  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281-552-1158

(This space for State Use)

APPROVED BY GARY W. WITK DATE APR 04 2003  
CONDITIONS OF APPROVAL, IF ANY: OC FIELD REPRESENTATIVE II/STAFF MANAGER

ORIGINAL SIGNED BY  
GARY W. WITK  
OC FIELD REPRESENTATIVE II/STAFF MANAGER

P.O. Box 1980, Hobbs, NM 88241-1980

**DISTRICT II**

P.O. Box Drawar DD, Artesia, NM 88211-0719

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**DISTRICT IV**

P.O. Box 2088, Santa Fe, NM 87504-2088

Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copy

Fee Lease - 5 Copy

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address <b>CHEVRON USA INC</b> <b>15 SMITH ROAD, MIDLAND, TX 79705</b>		<sup>2</sup> OGRID Number <b>4323</b>
<sup>4</sup> Property Code <b>30610</b>	<sup>5</sup> Property Name <b>HARDIN</b>	<sup>3</sup> API Number <b>30-025-36035</b> <sup>6</sup> Well No. <b>1</b>

<sup>7</sup> Surface Location									
UI or lot no.	Section	Township	Range	Lot Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
D	19	18-S	38-E		660'	NORTH	660'	WEST	LEA

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface									
UI or lot no.	Section	Township	Range	Lot Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
<sup>9</sup> Proposed Pool 1 <b>WILDCAT-TUBB; DRINKARD, ABO</b>									
<sup>10</sup> Proposed Pool 2 <b>Wildcat, Tubb</b>									

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>O</b>	<sup>13</sup> Rotary or C.T. <b>ROTARY</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>3662'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>7500'</b>	<sup>18</sup> Formation <b>SEE ABOVE</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>11/1/2002</b>

<sup>21</sup> Proposed Casing and Cement Program					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	430'	450 SX	CIRCULATED
12 1/4"	9 5/8"	36#	2850'	1200 SX	CIRCULATED
8 5/8"	7"	23"	6700'	1150 SX	CIRCULATED
6 1/4"	O.H.		7500'		

<sup>22</sup> 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.

**CEMENTING PROGRAM:**

**SURFACE CASING: 450 SX CLASS C W/2% CACL<sub>2</sub> (14.8 WT PPG, 1.34 CMT YIELD)**

**INTERMEDIATE CASING: LEAD IN W/890 SX CLASS H 35/65 POZ W/6% GEL, 5% SALT, & 1/4# CELL (12.8 WT PPG, 1.94 CMT YIELD)**  
**TAIL IN W/310 SX CLASS H (15.6 WT PPG, 1.18 CMT YIELD)**

**PRODUCTION CASING: LEAD IN W/900 SX CLASS H 35/65 POZ W/6% GEL, 5% SALT, 1/4# CELL (12.4 WT PPG, 2.14 CMT YIELD)**  
**TAIL IN W/250 SX CLASS H 50/50 POZ W/2% GEL, 5% SALT, & 1/4# CELL (14.2 WT PPG, 1.35 CMT YIELD)**

**O.H. CSG SET @ 7500'**

**PLEASE HOLD LOGS CONFIDENTIAL FOR 90 DAYS**

**DOWNHOLE COMMINGLE IS BEING REQUESTED THROUGH SANTA FE, NM.**

<sup>23</sup> I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		<b>OIL CONSERVATION DIVISION</b>	
Signature <i>Denise Leake</i>		Approved By: <b>ORIGINAL SIGNED BY</b>	
Printed Name <b>Denise Leake</b>		Title: <b>PAUL F. KAUTZ</b>	
Title <b>Regulatory Specialist</b>		Approval Date: <b>OCT 24 2002</b> Expiration Date:	
Date <b>10/14/2002</b>	Telephone <b>915-687-7375</b>	Conditions of Approval: Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval Date Unless Drilling Underway



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

Joanna Prukop  
Cabinet Secretary

**Lori Wrotenbery**

Director

Oil Conservation Division

November 3, 2003

Chevron USA Inc  
ATT: Denise Pinkerton  
15 Smith Rd  
Midland, TX 79705

RE: CANCELLATION OF INTENT TO DRILL

Hardin #1

D-19-18s-38e

API #30-025-36035

Gentlemen:

Twelve months or more have elapsed since Division Form C-101, Notice of Intention to drill, for the subject well was approved. To date no progress reports, form C-103, have not been received. Therefore, approval of your permit to drill this well has now expired and no drilling operations are to be initiated without further notice to and approval by the Oil Conservation Division. Pending such approval, this location will be considered as an abandoned location.

If drilling has been done, please file subsequent reports of this work immediately to bring this file into current status.

Truly yours,

OIL CONSERVATION DIVISION

Chris Williams  
District I, Supervisor

CW:dm

CC: OCD Santa Fe  
OCD Hobbs  
BLM  
State Land Office

DEC 11 2003

VOID

## **Exhibit 1.1 – List of Wells Within the AOR**

### **Section 19, T-18-S, R-38-E**

North Hobbs G/SA Unit No. 131 (30-025-07361)  
North Hobbs G/SA Unit No. 141 (30-025-07365)  
North Hobbs G/SA Unit No. 142 (30-025-27138)  
North Hobbs G/SA Unit No. 241 (30-025-07364)  
North Hobbs G/SA Unit No. 242 (30-025-23481)  
McKinley "A" No. 9 (30-025-12492)  
Quarry No. 1 (30-025-32297)

### **Section 24, T-18-S, R-38-E**

North Hobbs G/SA Unit No. 331 (30-025-05488)  
North Hobbs G/SA Unit No. 342 (30-025-29062)  
North Hobbs G/SA Unit No. 441 (30-025-05486)  
North Hobbs G/SA Unit No. 442 (30-025-29098)  
North Hobbs G/SA Unit No. 549 (30-025-36193)

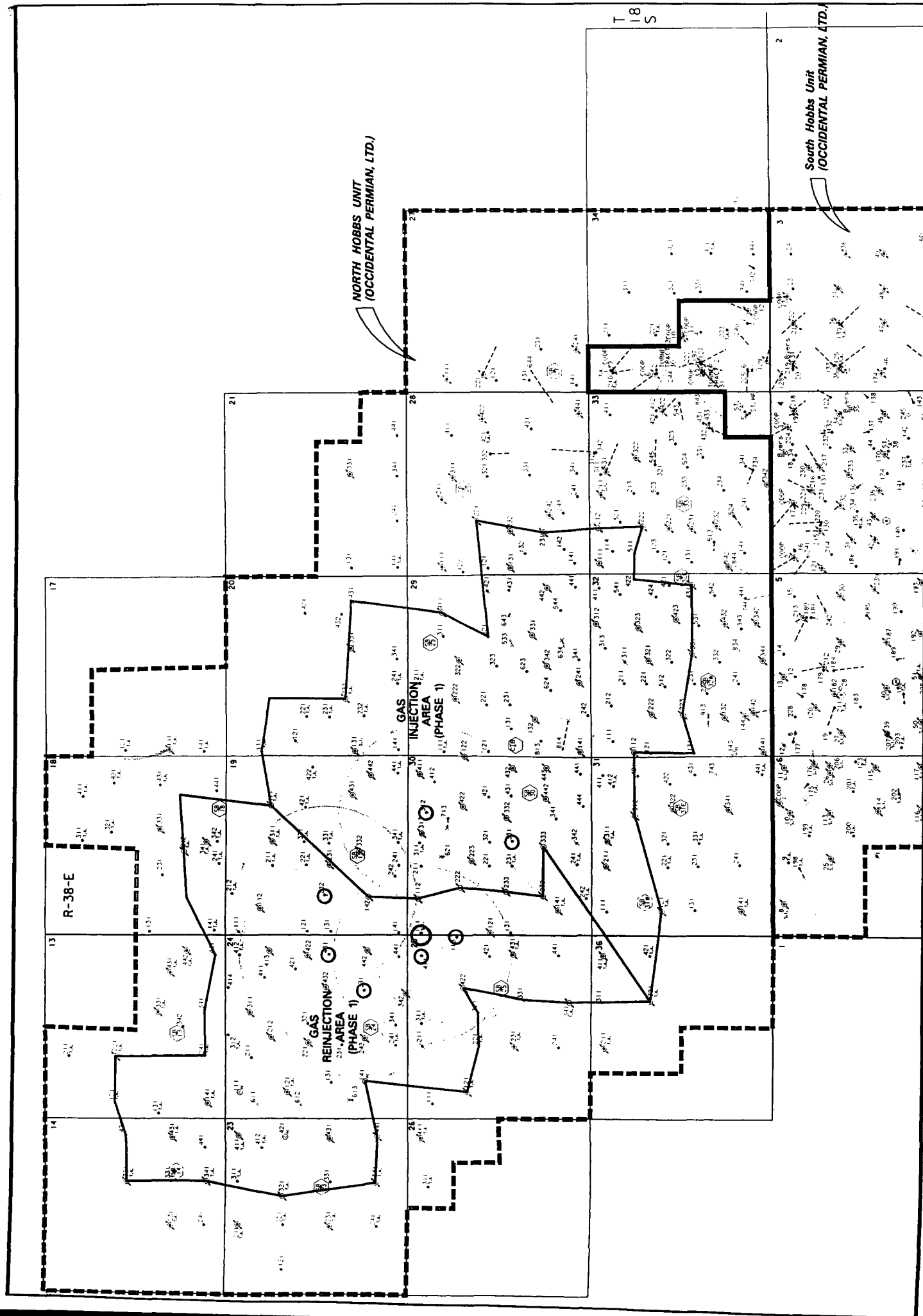
### **Section 25, T-18-S, R-38-E**

North Hobbs G/SA Unit No. 311 (30-025-05506)  
North Hobbs G/SA Unit No. 411 (30-025-05503)  
North Hobbs G/SA Unit No. 421 (30-025-05504)  
North Hobbs G/SA Unit No. 422 (30-025-26933)

### **Section 30, T-18-S, R-38-E**

North Hobbs G/SA Unit No. 112 (30-025-29063)  
North Hobbs G/SA Unit No. 113 (30-025-29064)  
North Hobbs G/SA Unit No. 121 (30-025-07464)  
North Hobbs G/SA Unit No. 131 (30-025-07481)  
North Hobbs G/SA Unit No. 211 (30-025-07463)  
North Hobbs G/SA Unit No. 222 (30-025-26833)  
North Hobbs G/SA Unit No. 223 (30-025-28555)  
North Hobbs G/SA Unit No. 311 (30-025-07469)  
North Hobbs G/SA Unit No. 313 (30-025-23270)  
North Hobbs G/SA Unit No. 621 (30-025-35332)  
H.D. McKinley No. 5 (30-025-07465)  
McKinley No. 6 (30-025-07466)  
C.T. McKinley No. 1 (30-025-36297)

Exhibit 2.0 (Well No. 111 circled in red; wells approved for injection under Order R-6199-B circled in blue)



**Exhibit "B"**  
**Division Order No. R-6199-B**  
**North Hobbs Grayburg San Andres Unit Tertiary Recovery Project**  
**Approved Injection Wells (Existing Wells)**

Well Name & Number	API Number	Well Location	Injection Interval	Packer Depth
NHGBSAU No. 341 **	30-025-05446	660' FSL & 1980' FEL, Unit O, Section 13, T-18S, R-37E	4,000'-4,263'	3,900'
NHGBSAU No. 441 **	30-025-12732	330' FSL & 330' FEL, Unit P, Section 13, T-18S, R-37E	4,000'-4,258'	3,900'
NHGBSAU No. 232 **	30-025-29172	2501' FSL & 1410' FWL, Unit K, Section 19, T-18S, R-38E	4,000'-4,420'	3,900'
NHGBSAU No. 141 **	30-025-05485	1315' FSL & 1315' FWL, Unit M, Section 24, T-18S, R-37E	4,000'-4,270'	3,900'
NHGBSAU No. 331 **	30-025-05488	1320' FSL & 1325' FEL, Unit J, Section 24, T-18S, R-37E	4,000'-4,210'	3,900'
NHGBSAU No. 411 **	30-025-23522	990' FNL & 990' FEL, Unit A, Section 24, T-18S, R-37E	4,000'-4,283'	3,900'
NHGBSAU No. 414 **	30-025-28879	10' FNL & 1280' FEL, Unit A, Section 24, T-18S, R-37E	4,000'-4,370'	3,900'
NHGBSAU No. 431 **	30-025-05487	2310' FSL & 330' FEL, Unit I, Section 24, T-18S, R-37E	4,000'-4,300'	3,900'
NHGBSAU No. 411 **	30-025-05503	330' FNL & 330' FEL, Unit A, Section 25, T-18S, R-37E	4,000'-4,259'	3,900'
NHGBSAU No. 242	30-025-28413	100' FSL & 1400' FWL, Unit N, Section 29, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 321	30-025-07431	2310' FNL & 1650' FEL, Unit G, Section 29, T-18S, R-38E	4,000'-4,309'	3,900'
NHGBSAU No. 113 **	30-025-29064	1310' FNL & 195' FWL, Unit D, Section 30, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 312	30-025-29197	530' FNL & 1448' FEL, Unit B, Section 30, T-18S, R-38E	4,000'-4,431'	3,900'
NHGBSAU No. 331	30-025-07472	2335' FSL & 2310' FEL, Unit J, Section 30, T-18S, R-38E	4,000'-4,238'	3,900'
NHGBSAU No. 444	30-025-28959	215' FSL & 1255' FEL, Unit P, Section 30, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 131	30-025-07527	2310' FSL & 330' FWL, Unit L, Section 32, T-18S, R-38E	4,000'-4,250'	3,900'
NHGBSAU No. 422	30-025-29074	1385' FNL & 110' FEL, Unit H, Section 32, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 111	30-025-12503	330' FNL & 330' FWL, Unit D, Section 33, T-18S, R-38E	4,000'-4,237'	3,900'
NHGBSAU No. 141 **	30-025-05437	660' FSL & 660' FWL, Unit M, Section 13, T-18S, R-37E	4,000'-4,235'	3,900'
NHGBSAU No. 221 **	30-025-05439	1980' FNL & 1980' FWL, Unit F, Section 13, T-18S, R-37E	4,000'-4,160'	3,900'
NHGBSAU No. 321 **	30-025-05457	2310' FNL & 1650' FEL, Unit G, Section 14, T-18S, R-37E	4,000'-4,350'	3,900'
NHGBSAU No. 121 **	30-025-05502	1650' FNL & 990' FWL, Unit E, Section 25, T-18S, R-37E	4,000'-4,261'	3,900'
NHGBSAU No. 341 **	30-025-05497	660' FSL & 1650' FEL, Unit O, Section 25, T-18S, R-37E	4,000'-4,220'	3,900'
NHGBSAU No. 411	30-025-07454	990' FNL & 990' FEL, Unit A, Section 29, T-18S, R-38E	4,000'-4,335'	3,900'
NHGBSAU No. 321 **	30-025-05540	1650' FNL & 1650' FEL, Unit G, Section 36, T-18S, R-37E	4,000'-4,300'	3,900'
NHGBSAU No. 121 **	30-025-05440	1980' FNL & 660' FWL, Unit E, Section 13, T-18S, R-37E	4,000'-4,235'	3,900'
NHGBSAU No. 241 **	30-025-05436	660' FSL & 1980' FWL, Unit N, Section 13, T-18S, R-37E	4,000'-4,320'	3,900'
NHGBSAU No. 341 **	30-025-05450	660' FSL & 1650' FEL, Unit O, Section 14, T-18S, R-37E	4,000'-4,350'	3,900'
NHGBSAU No. 342 **	30-025-07342	330' FSL & 2310' FEL, Unit O, Section 18, T-18S, R-38E	4,000'-4,286'	3,900'
NHGBSAU No. 311 **	30-025-07369	1309' FNL & 2310' FEL, Unit B, Section 19, T-18S, R-38E	4,000'-4,296'	3,900'
NHGBSAU No. 411 **	30-025-07370	1300' FNL & 1300' FEL, Unit A, Section 19, T-18S, R-38E	4,000'-4,342'	3,900'
NHGBSAU No. 233	30-025-27214	1610' FSL & 1850' FWL, Unit K, Section 20, T-18S, R-38E	4,000'-4,510'	3,900'
NHGBSAU No. 321 **	30-025-05463	1650' FNL & 1650' FEL, Unit G, Section 23, T-18S, R-37E	4,000'-4,265'	3,900'
NHGBSAU No. 341 **	30-025-05475	990' FSL & 1650' FEL, Unit O, Section 23, T-18S, R-37E	4,000'-4,302'	3,900'
NHGBSAU No. 121 **	30-025-05476	1650' FNL & 990' FWL, Unit E, Section 24, T-18S, R-37E	4,000'-4,319'	3,900'
NHGBSAU No. 121 **	30-025-07514	1980' FNL & 990' FWL, Unit E, Section 31, T-18S, R-38E	4,000'-4,300'	3,900'

**\*\* Denotes wells that are authorized to inject CO<sub>2</sub>, water and produced gas.  
All other wells are authorized to inject CO<sub>2</sub> and water only.**

## LIST OF OFFSET OPERATORS & SURFACE OWNERS

North Hobbs (Grayburg/San Andres) Unit  
Well No. 111  
API No. 30-025-07077  
Letter D, Section 30, T-18-S, R-38-E  
Lea County, New Mexico

### **Offset Operators**

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

ChevronTexaco  
15 Smith Road  
Midland, TX 79705

Texland Petroleum-Hobbs, LLC  
777 Main, Suite 3200  
Ft. Worth, TX 76102

Amerada Hess Corporation  
P.O. Box 2040  
Houston, TX 77252-2040

Tipton Oil & Gas Acquisitions, Inc. DBA  
Dwight A. Tipton  
c/o Oil Reports & Gas Services, Inc.  
1008 West Broadway  
Hobbs, NM 88240

### **Surface Owners**

James K. Henson & Donna Fay Henson  
P.O. Box 1823  
Eunice, NM 88231

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ChevronTexaco  
15 Smith Road  
Midland, TX 79705

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8377

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent☐ AddresseeD. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Texland Petroleum-Hobbs, LLC  
777 Main, Suite 3200  
Ft. Worth, TX 76102

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8384

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent☐ AddresseeD. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Amerada Hess Corporation  
P.O. Box 2040  
Houston, TX 77252-2040

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8391

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent☐ AddresseeD. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes



**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Tipton Oil & Gas  
Acquisitions, Inc. DBA  
Dwight A. Tipton  
c/o Oil Reports & Gas Services  
1008 West Broadway  
Hobbs, NM 88240

2. Article Number  
(Transfer from service label)

7001 0320 0002 0354 8407

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent  
☐ AddresseeD. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

## 3. Service Type

☒ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.4. Restricted Delivery? (Extra Fee) ☐ Yes**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

James K. Henson and  
Donna Fay Henson  
P.O. Box 1823  
Eunice, NM 88231

2. Article Number  
(Transfer from service label)

7001 0320 0002 0354 8414

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent  
☐ AddresseeD. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

## 3. Service Type

☒ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.4. Restricted Delivery? (Extra Fee) ☐ Yes

# 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 29 2005  
and ending with the issue dated

April 29 2005

Kathi Bearden

Publisher

Sworn and subscribed to before

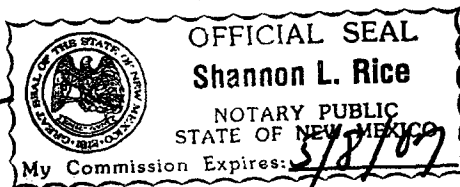
me this 29th day of

April 2005

[Signature]

Notary Public.

My Commission expires  
February 07, 2009  
(Seal)



## LEGAL NOTICE April 29, 2005

Notice is hereby given of the application of Occidental Permian Limited Partnership, Attn: Mark Stephens, P.O. Box 4294, Rm. 19.013 - GRWY 5, Houston, TX 77210-4294 (713/366-5158), to the Oil Conservation Division, New Mexico Energy, Minerals and Natural Resources Department, for approval of the following injection wells (5 ea.) for the purpose of tertiary recovery:

Pool Name: Hobbs; Grayburg - San Andres

Lease/Unit Name: North Hobbs G/SA Unit

Well No. 131

Loc: 2310' FSL & 330' FWL, Unit Letter L, Sec. 19, T-18-S, R-38-E, Lea Co., NM

Well No. 441

Loc: 990' FSL & 330' FEL, Unit Letter P, Sec. 25, T-18-S, R-37-E, Lea Co., NM

Well No. 111

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

Well No. 131

Loc: 2310' FSL & 330' FWL, Unit Letter L, Sec. 30, T-18-S, R-38-E, Lea Co., NM

Well No. 242

Loc: 200' FSL & 1400' FWL, Unit Letter N, Sec. 30, T-18-S, R-38-E, Lea Co. NM

The injection formation is the Hobbs; Grayburg - San Andres Pool Between the intervals of +/-3680' and +/-5300' below the surface of the ground. Expected maximum injection rate is 9000 B/D (water)/15,000 MCF/D (CO<sub>2</sub> & produced gas), and the expected maximum injection pressure is approximately 1100 psi (water)/1250 psi (CO<sub>2</sub>)/1770 psi (CO<sub>2</sub> & produced gas). Interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, NM 87505 within fifteen (15) days.  
#21482

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.

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