

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



226

**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]**

- [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.

Print or Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_ e-mail Address \_\_\_\_\_



July 2, 2004

State of New Mexico  
Energy, Minerals & Natural Resources Department  
Oil Conservation Division  
Attn: Mr. William V. Jones, P.E.  
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. 131  
Letter L, Section 24, T-18-S, R-37-E  
Lea County, NM

2004 JUL 6 AM 9 46

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. 131 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. 131). 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



- 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 of a technical nature, please call David Nelson at (505) 397-8211. Otherwise, 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)

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



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 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  
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U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
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**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Mark Stephens \_\_\_\_\_ Reg. Comp. Analyst \_\_\_\_\_ 7/2/04  
 Print or Type Name Signature Title Date  
 \_\_\_\_\_  
 Mark\_Stephens@oxy.com  
 e-mail Address

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:
- Proposed average and maximum daily rate and volume of fluids to be injected;
  - Whether the system is open or closed;
  - Proposed average and maximum injection pressure;
  - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  - 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: July 2, 2004

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. R-6199-B, effective October 22, 2001

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

### III. WELL DATA

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

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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Attachment To Form C-108  
Miscellaneous Data

North Hobbs (Grayburg/San Andres) Unit  
Well No. 131  
API No. 30-025-05484  
Letter L, Section 24, T-18-S, R-37-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

No active fresh water sample points could be found in the area of review

- 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 <sub>2</sub> S)	486.00	16.00	30.38
Carbon Dioxide	(CO <sub>2</sub> )	Not Analyzed		
Dissovled Oxygen	(O <sub>2</sub> )	Not Analyzed		

### Cations

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

### Anions

Hydroxyl	(OH <sup>-</sup> )	Not Analyzed		
Carbonate	(CO <sub>3</sub> <sup>=</sup> )	0.00	30.00	0.00
Bicarbonate	(HCO <sub>3</sub> <sup>-</sup> )	1,869.66	61.10	30.60
Sulfate	(SO <sub>4</sub> <sup>=</sup> )	1,700.00	48.80	34.84
Chloride	(Cl <sup>-</sup> )	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 <sub>3</sub>		2,810.32		
Conductivity MICROMHOS/CM		23,500		

pH 6.500 Specific Gravity 60/60 F. 1.009

CaSO<sub>4</sub> Solubility @ 80 F. 46.63 MEq/L, CaSO<sub>4</sub> scale is unlikely

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

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 30-025-05484		<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 131
<sup>7</sup> OGRID No. 157984		<sup>8</sup> Operator Name Occidental Permian Limited Partnership			<sup>9</sup> Elevation 3679' DF

<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
L	24	18-S	37-E		2310	South	1315	West	Lea

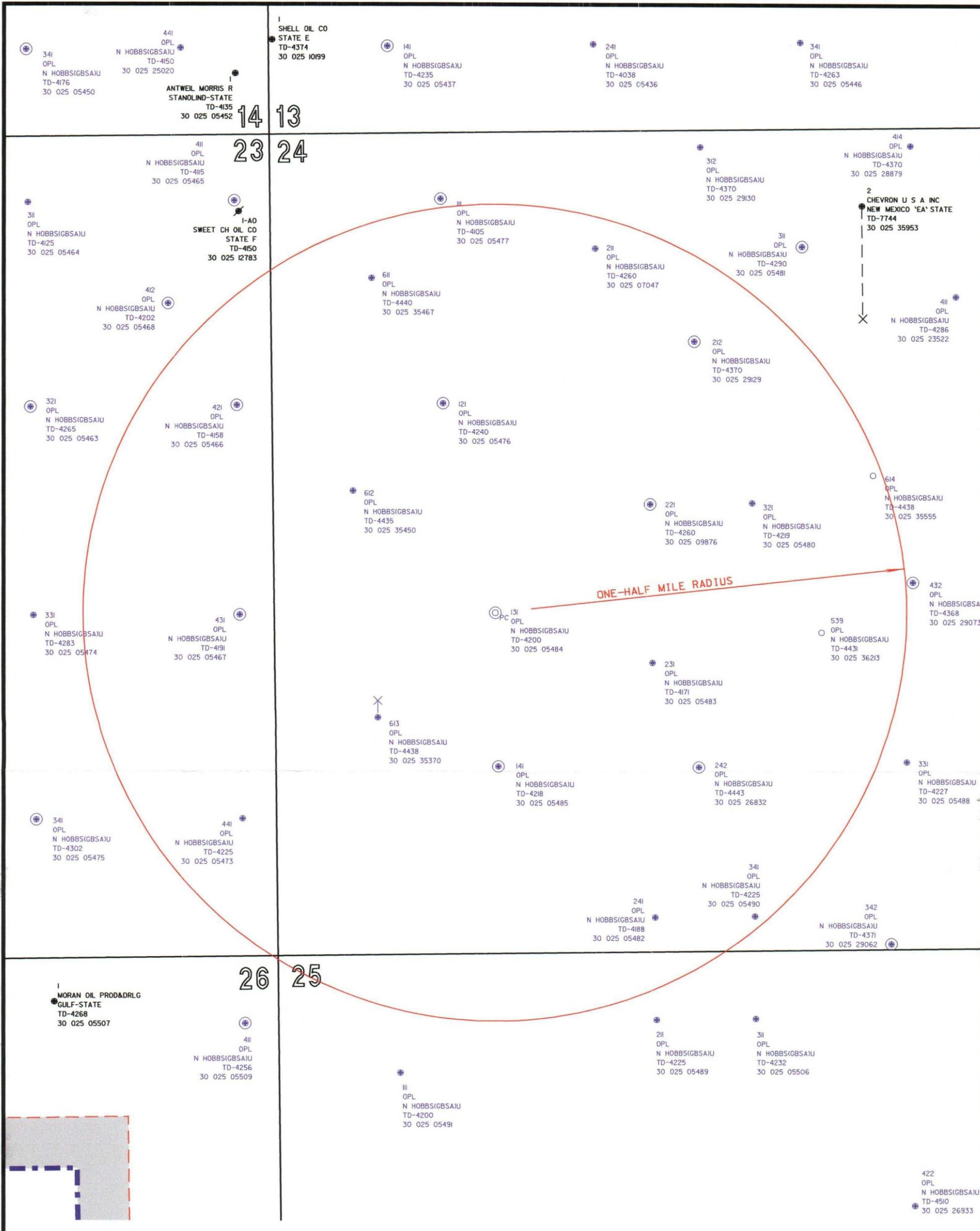
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>			
	<p><i>Mark Stephens</i></p> <hr/> Signature <b>Mark Stephens</b> <hr/> Printed Name <b>Regulatory Compliance Analyst</b> <hr/> Title and Email <b>June 30, 2004</b> <hr/> Date			
<sup>18</sup> SURVEYOR CERTIFICATION <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>	<hr/> Date of Survey Signature and Seal of Professional Surveyer:			
	<hr/> Certificate Number			



Area of Review Plat

## NORTH HOBBS (GRAYBURG SAN ANDRES) UNIT

WELL NO. 24-131

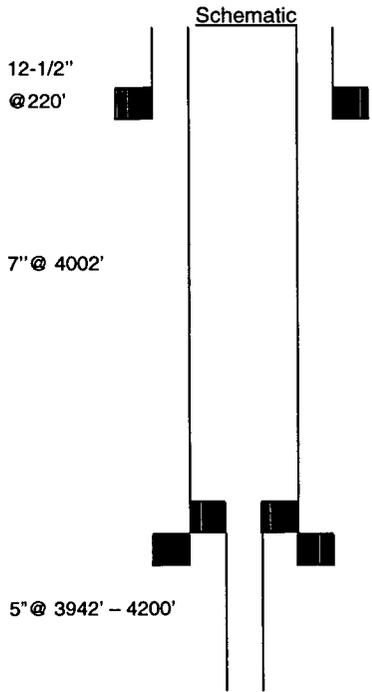
T-18-S, R-37-E  
Lea County, New Mexico

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

Scale: 1" = 600' 05-26-2004 nm438\_2004.dgn  
Plat prepared by PJE Drafting, Inc.  
For Horizon Survey, Inc.

**INJECTION WELL DATA SHEET**

Operator <b>Occidental Permian Limited Partnership</b>		Lease <b>North Hobbs G/SA Unit</b>			County <b>Lea</b>
Well No. <b>24-131</b>	Footage Location <b>2310' FSL &amp; 1315' FWL</b>	Section <b>24</b>	Township <b>18-S</b>	Range <b>37-E</b>	Unit Letter <b>L</b>



		<u>Tubular Data</u>	
<u>Surface Casing</u>			
Size	<u>12-1/2"</u>	Cemented with	<u>150</u> sxs.
TOC	<u>SURF</u>	Determined by	<u>CIRC</u>
Hole size	_____		
<u>Intermediate Casing</u>			
Size	<u>7"</u>	Cemented with	<u>500</u> sxs.
TOC	<u>2692'</u>	Determined by	<u>CBL</u>
Hole size	_____		
<u>Long string Casing</u>			
Size	_____	Cemented with	_____ sxs.
TOC	_____	Determined by	_____
Hole size	_____		
<u>Liner</u>			
Size	<u>5"</u>	Cemented with	<u>40 EST.</u> sxs.
TOC	<u>TOL (est.)</u>	Determined by	_____
Hole size	_____		
Total depth	<u>4200' (Plan to deepen to 4300')</u>		

Injection interval  
Approx. 4000 feet to 4300'

Completion type      Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a  
Guiberson Uni-VI packer at Within 100 feet of top perf.  
(brand and model)

Other Data

- 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'

-

**Exhibit 1.0 – Area of Review Data**

**Area of Review Well Count**

Active Wells (includes SI and TxA'd wells) - 18  
Plugged and Abandoned Wells - 0

A review of the subject well's AOR shows that five new wells (all operated by Occidental Permian Limited Partnership) have 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). These wells are:

North Hobbs G/SA Unit No. 539 (30-025-36213)  
North Hobbs G/SA Unit No. 611 (30-025-35467)  
North Hobbs G/SA Unit No. 612 (30-025-35450)  
North Hobbs G/SA Unit No. 613 (30-025-35370)  
North Hobbs G/SA Unit No. 614 (30-025-35555)

The attached copies of sundry notices and completion reports for each well show that cement was circulated to surface off both casing strings thus affording adequate protection of the injection interval (approx. 4000' to 4300') of Oxy's North Hobbs G/SA Unit No. 131.

  
\_\_\_\_\_

Mark Stephens  
Regulatory Compliance Analyst  
Occidental Permian Limited Partnership

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

**Section 23, T-18-S, R-37-E**

North Hobbs G/SA Unit No. 421 (API No. 30-025-05466)

North Hobbs G/SA Unit No. 431 (API No. 30-025-05467)

North Hobbs G/SA Unit No. 441 (API No. 30-025-05473)

**Section 24, T-18-S, R-37-E**

North Hobbs G/SA Unit No. 121 (API No. 30-025-05476)

North Hobbs G/SA Unit No. 141 (API No. 30-025-05485)

North Hobbs G/SA Unit No. 211 (API No. 30-025-07047)

North Hobbs G/SA Unit No. 212 (API No. 30-025-29129)

North Hobbs G/SA Unit No. 221 (API No. 30-025-09876)

North Hobbs G/SA Unit No. 231 (API No. 30-025-05483)

North Hobbs G/SA Unit No. 241 (API No. 30-025-05489)

North Hobbs G/SA Unit No. 242 (API No. 30-025-26832)

North Hobbs G/SA Unit No. 321 (API No. 30-025-05480)

North Hobbs G/SA Unit No. 341 (API No. 30-025-05490)

North Hobbs G/SA Unit No. 539 (API No. 30-025-36213)

North Hobbs G/SA Unit No. 611 (API No. 30-025-35467)

North Hobbs G/SA Unit No. 612 (API No. 30-025-35450)

North Hobbs G/SA Unit No. 613 (API No. 30-025-35370)

North Hobbs G/SA Unit No. 614 (API No. 30-025-35555)

Submit to Appropriate District Office  
 State Page 6 copies  
 Fee Lease - 5 copies  
 District I  
 1625 N. French, Hobbs, NM 88240  
 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-105  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO.  
 30-025-36213

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

7. Lease Name or Unit Agreement Name  
 North Hobbs G/SA Unit

8. Well No.  
 539

9. Pool name or Wildcat  
 Hobbs; Grayburg - San Andres

4. Well Location  
 Unit Letter J : 2056 Feet From The South Line and 1889 Feet From The East Line  
 Section 24 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded 4/2/03 11. Date T.D. Reached 4/9/03 12. Date Compl. (Ready to Prod.) 4/29/03 13. Elevations (DF & RKB, RT, GR, etc.) 3667' GR 14. Elev. Casinghead

15. Total Depth 4431' 16. Plug Back T.D. 4384' 17. If Multiple Compl. How Many Zones? \_\_\_\_\_ 18. Intervals Drilled By \_\_\_\_\_ Rotary Tools 4431' Cable Tools \_\_\_\_\_

19. Producing Interval(s), of this completion - Top, Bottom, Name  
4158' - 4294'; Grayburg - San Andres 20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run  
CN/NGRS/CCL; NGRS/Casing Collar Locator 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.	
8-5/8	24	1532	12-1/4	900 sx.	
5-1/2	15.5	4431	7-7/8	900 sx.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4070'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)  
4158' - 4294' (2 JSPF)

27. ACID, SHOT, FRACTURE, CEMENT, SOEZE, ETC.  
 DEPTH INTERVAL: 4158' - 4294' AMOUNT AND KIND MATERIAL USED: 6400 gal. 15% HCl

28. PRODUCTION

Date First Production 5/1/03 Production Method (*Flowing, gas lift, pumping - Size and type pump*)  
Pumping - ESP, Reda Well Status (*Prod. or Shut-in*)  
Producing

Date of Test <u>5/1/03</u>	Hours Tested <u>24</u>	Choke Size <u>N/A</u>	Prod'n For Test Period	Oil - Bbl. <u>46</u>	Gas - MCF <u>59</u>	Water - Bbl. <u>1723</u>	Gas - Oil Ratio <u>1283</u>
Flow Tubing Press. <u>50</u>	Casing Pressure <u>35</u>	Calculated 24-Hour Rate	Oil - Bbl. <u>46</u>	Gas - MCF <u>59</u>	Water - Bbl. <u>1723</u>	Oil Gravity - API - (Corr.) <u>35</u>	

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

30. List Attachments  
Logs (2 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 5/14/03

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northeastern New Mexico

T. Anhy _____ <u>1506</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ <u>2694</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <u>3466</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ <u>3799</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ <u>4038</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from 3942 to 4350 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD ( Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
3466	3799	333	Mixed anhydrite & silt, with minor dolomite				
3799	3942	143	Mixed anhydrite, silt, and dolomite				
3942	4038	96	Mixed silt & dolomite with minor anhydrite				
4038	4431	393	Dolomite				

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.  
30-025-36213

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.)

7. Lease Name or Unit Agreement Name  
North Hobbs G/SA Unit

1. Type of Well:  
OIL WELL  GAS WELL  OTHER

8. Well No.  
539

2. Name of Operator  
Occidental Permian Limited Partnership

9. Pool name or Wildcat  
Hobbs: Grayburg - San Andres

3. Address of Operator  
P.O. Box 4294, Houston, TX 77210-4294

4. Well Location  
Unit Letter J : 2056 Feet From The South Line and 1889 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.)  
3667' GR

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

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

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

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.

4/9/03 -

4/10/03: Run 108 jts. 5-1/2", 15.5#, J-55, LT&C casing with 12 centralizers and set at 4431'. Cement first stage with 250 sx. Premium Plus. Plug down and circulate 190 sx. to surface. Circulate 4 hours between stages. Cement second stage with 550 sx. Interflon 'C' (lead) 100 sx. Premium Plus (tail). Plug down and circulate 146 sx. to surface. Nipple down x set slips x rig down.

Release drilling rig at 5:30 a.m., 4/10/03.

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 4/14/03

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

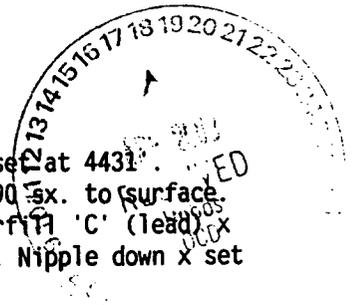
(This space for State Use)

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY  
CANE W. WINK  
OC FIELD REPRESENTATIVE II/STAFF MANAGER

APR 18 2003



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. 30-025-36213
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

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

7. Lease Name or Unit Agreement Name North Hobbs G/SA Unit
---

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER
--

8. Well No. 539
--------------------

2. Name of Operator Occidental Permian Limited Partnership
---

9. Pool name or Wildcat Hobbs; Grayburg - San Andres
---

3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294
---

4. Well Location Unit Letter <u>J</u> : <u>2056</u> Feet From The <u>South</u> Line and <u>1889</u> Feet From The <u>East</u> Line Section <u>24</u> Township <u>18-S</u> Range <u>37-E</u> NMPM <u>Lea</u> County
--

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3667' GR
--

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

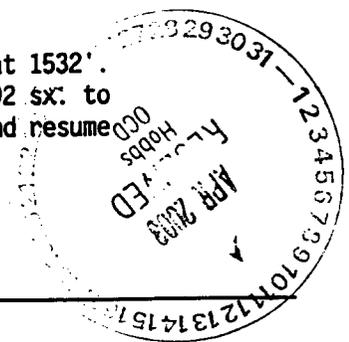
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>Spud &amp; Run Surface Casing</u> <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.

4/2/03: MI x RU. Spud 12-1/4" hole at 12:30 p.m. (NMOCD notified)

4/3/03 -

4/4/03 : Run 39 jts. 8-5/8", 24#, J-55. ST&C casing with 12 centralizers and set at 1532'. Cement with 600 sx. PBCZ lead and 300 sx. Premium Plus tail. Circulate 192 sx: to surface. Plug down x WOC. NU x test BOPE 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 4/7/03

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

(This space for State Use)

ORIGINAL SIGNED BY  
PAUL F. KAUTZ  
TITLE PETROLEUM ENGINEER

APPROVED BY \_\_\_\_\_ DATE APR 15 2003

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

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

**OIL CONSERVATION DIVISION**  
2040 Pacheco St.  
Santa Fe, NM 87505

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

WELL API NO. **30-025-35467**

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 \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
**North Hobbs G/SA Unit**

2. Name of Operator  
**Occidental Petroleum Limited Partnership**

8. Well No. **611**

3. Address of Operator  
**P.O. Box 4294, Houston, TX 77210-4294**

9. Pool name or Wildcat  
**Hobbs; Grayburg - San Andres**

4. Well Location  
Unit Letter **D** : **843** Feet From The **North** Line and **540** Feet From The **West** Line

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

10. Date Spudded **4/9/01** 11. Date T.D. Reached **4/15/01** 12. Date Compl. (Ready to Prod.) **5/3/01** 13. Elevations (DF & RKB, RT, GR, etc.) **3678' GL** 14. Elev. Casinghead

15. Total Depth **4440'** 16. Plug Back T.D. **4380'** 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By **4440'** Rotary Tools **4440'** Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **4138' - 4276'; Grayburg - San Andres** 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run **NGR - TLD CN/GR - AL Micro-CFL/GR** 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
<b>14</b>	<b>Conductor</b>	<b>40</b>	<b>18</b>	<b>50 sk.</b>	
<b>8-5/8</b>	<b>24</b>	<b>1497</b>	<b>12-1/4</b>	<b>850 sk.</b>	
<b>5-1/2</b>	<b>15.5</b>	<b>4440</b>	<b>7-7/8</b>	<b>850 sk.</b>	

**24. LINER RECORD** **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<b>2-7/8</b>	<b>4100'</b>	

26. Perforation record (interval, size, and number) **4138' - 4276' (4 JSFF)**

27. ACID, SHOT, FRACTURE, CEMENT, SOEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>4138' - 4276'</b>	<b>3500 gal. 15% HCL</b>

**28. PRODUCTION**

Date First Production **5/7/01** 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
<b>5/7/01</b>	<b>24</b>	<b>N/A</b>		<b>29</b>	<b>39</b>	<b>2359</b>	<b>1345</b>

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
<b>50</b>	<b>35</b>		<b>29</b>	<b>39</b>	<b>2359</b>	<b>35</b>

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

30. List Attachments **Logs (3 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 Bus. Analyst (SG) Date 5/21/01

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy \_\_\_\_\_ 1548    T. Canyon \_\_\_\_\_  
 T. Salt \_\_\_\_\_    T. Strawn \_\_\_\_\_  
 B. Salt \_\_\_\_\_    T. Atoka \_\_\_\_\_  
 T. Yates \_\_\_\_\_ 2738    T. Miss \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_    T. Devonian \_\_\_\_\_  
 T. Queen \_\_\_\_\_ 3507    T. Silurian \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_ 3858    T. Montoya \_\_\_\_\_  
 T. San Andres \_\_\_\_\_ 4086    T. Simpson \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_    T. McKee \_\_\_\_\_  
 T. Paddock \_\_\_\_\_    T. Ellenburger \_\_\_\_\_  
 T. Blinebry \_\_\_\_\_    T. Gr. Wash \_\_\_\_\_  
 T. Tubb \_\_\_\_\_    T. Delaware Sand \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_    T. Bone Springs \_\_\_\_\_  
 T. Abo \_\_\_\_\_    T. \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_    T. \_\_\_\_\_  
 T. Penn \_\_\_\_\_    T. \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_    T. \_\_\_\_\_

### Northeastern New Mexico

T. Ojo Alamo \_\_\_\_\_    T. Penn. "B" \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_    T. Penn. "C" \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_    T. Penn. "D" \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_    T. Leadville \_\_\_\_\_  
 T. Menefee \_\_\_\_\_    T. Madison \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_    T. Elbert \_\_\_\_\_  
 T. Mancos \_\_\_\_\_    T. McCracken \_\_\_\_\_  
 T. Gallup \_\_\_\_\_    T. Ignacio Otzite \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_    T. Granite \_\_\_\_\_  
 T. Dakota \_\_\_\_\_    T. \_\_\_\_\_  
 T. Morrison \_\_\_\_\_    T. \_\_\_\_\_  
 T. Todilto \_\_\_\_\_    T. \_\_\_\_\_  
 T. Entrada \_\_\_\_\_    T. \_\_\_\_\_  
 T. Wingate \_\_\_\_\_    T. \_\_\_\_\_  
 T. Chinle \_\_\_\_\_    T. \_\_\_\_\_  
 T. Permian \_\_\_\_\_    T. \_\_\_\_\_  
 T. Penn "A" \_\_\_\_\_    T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ 3920 \_\_\_\_\_ to \_\_\_\_\_ 4350 \_\_\_\_\_    No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_    No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD

( Attach additional sheet if necessary )

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2738	3858	1120	Mixed anhydrite & silt with minor dolomite				
3858	3920	163	Mixed anhydrite, dolomite, & silt				
3920	4086	166	Mixed silt & dolomite with minor anhydrite				
4086	4440	354	Dolomite				



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.  
**30-025-35467**

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.)

7. Lease Name or Unit Agreement Name  
**North Hobbs G/SA Unit**

1. Type of Well:  
OIL WELL  GAS WELL  OTHER

8. Well No.  
**611**

2. Name of Operator  
**Occidental Permian Limited Partnership**

9. Pool name or Wildcat  
**Hobbs; Grayburg - San Andres**

3. Address of Operator  
**P.O. Box 4294, Houston, TX 77210-4294**

4. Well Location  
Unit Letter **D** : **843** Feet From The **North** Line and **540** Feet From The **West** Line  
Section **24** Township **18-S** Range **37-E** NMPM **Lea** County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
**3678' GL**

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

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

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

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.

4/15/01 -

4/16/01: Run 110 jts. 5-1/2", 15.5#, J-55, I/T&C casing with 13 centralizers and set at 4440'. Cement first stage with 250 sx. Premium Plus, circulate 127 sx. Bump plug. Cement second stage with 500 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Circulate 63 sx. to surface. Plug down. Nipple down x set slips x rig down.

Release drilling rig at 8:00 p.m., 4/16/01.

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

SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 4/17/01

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

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE Paul Kautz DATE APR 26 2001  
Geologist

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. <b>30-025-35467</b>
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 <b>North Hobbs G/SA Unit</b>
8. Well No. <b>611</b>
9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3678' GL</b>

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 <b>Occidental Permian Limited Partnership</b>
3. Address of Operator <b>P.O. Box 4294, Houston, TX 77210-4294</b>
4. Well Location Unit Letter <b>D</b> : <b>843</b> Feet From The <b>North</b> Line and <b>540</b> Feet From The <b>West</b> Line Section <b>24</b> Township <b>18-S</b> Range <b>37-E</b> NMPM <b>Lea</b> County

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>Spud &amp; Run Surface Casing</u> <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.

4/9/01: MI x RU. Spud 12-1/4" hole at 2:00 a.m. (NMOCD notified)

4/10/01 -

4/11/01: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1497'. Cement with 600 sx. PBCZ followed by 250 sx. Premium Plus. Plug down and circulate 104 sx. to surface. WOC. Nipple up and test blind rams and pipe rams to 1000 psi and drill out.

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

SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 4/12/01  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Orig. Signed by  
Paul Kautz  
Geologist

APR 23 2001

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

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

**OIL CONSERVATION DIVISION**  
 2040 Pacheco St.  
 Santa Fe, NM 87505

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

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

WELL API NO. **30-025-35450**

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 \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
**North Hobbs G/SA Unit**

2. Name of Operator  
**Occidental Permian Limited Partnership**

8. Well No. **612**

3. Address of Operator  
**P.O. Box 4294, Houston, TX 77210-4294**

9. Pool name or Wildcat  
**Hobbs; Grayburg - San Andres**

4. Well Location  
 Unit Letter **E** : **2220** Feet From The **North** Line and **406** Feet From The **West** Line

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

10. Date Spudded **12/3/01** 11. Date T.D. Reached **12/13/01** 12. Date Compl. (Ready to Prod.) **N/A** 13. Elevations (DF & RKB, RT, GR, etc.) **3676' GR** 14. Elev. Casinghead

15. Total Depth **4435'** 16. Plug Back T.D. **4390'** 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By **4435'** Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **4216' - 4327'; Grayburg - San Andres** 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run **AL Micro-CFL/GR; NGR; TD L-D CN/NGT** 22. Was Well Cored **No**

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>14</b>	<b>Conductor</b>	<b>40</b>	<b>18</b>	<b>50 est.</b>	
<b>8-5/8</b>	<b>24</b>	<b>1507</b>	<b>12-1/4</b>	<b>850 est.</b>	
<b>5-1/2</b>	<b>15.5</b>	<b>4435</b>	<b>7-7/8</b>	<b>900 est.</b>	

**LINER RECORD**

**TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<b>2-7/8</b>	<b>4139</b>	

26. Perforation record (interval, size, and number) **4216' - 4327', 2 JSPF**  
 27. ACID, SHOT, FRACTURE, CEMENT, SOEZE, ETC.  
 DEPTH INTERVAL **4216' - 4327'** AMOUNT AND KIND MATERIAL USED **500 gal / 15% HCL**

**PRODUCTION**

28. Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) **Well shut-in 1/20/02 with no test** Well Status (Prod. or Shut-in) **Shut-in**  
 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  
**Logs (3 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 Bus. Analyst (SG) Date 3/21/02

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy \_\_\_\_\_ **1558**    T. Canyon \_\_\_\_\_  
 T. Salt \_\_\_\_\_    T. Strawn \_\_\_\_\_  
 B. Salt \_\_\_\_\_    T. Atoka \_\_\_\_\_  
 T. Yates \_\_\_\_\_ **2759**    T. Miss \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_    T. Devonian \_\_\_\_\_  
 T. Queen \_\_\_\_\_ **3533**    T. Silurian \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_ **3878**    T. Montoya \_\_\_\_\_  
 T. San Andres \_\_\_\_\_ **4126**    T. Simpson \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_    T. McKee \_\_\_\_\_  
 T. Paddock \_\_\_\_\_    T. Ellenburger \_\_\_\_\_  
 T. Blinbry \_\_\_\_\_    T. Gr. Wash \_\_\_\_\_  
 T. Tubb \_\_\_\_\_    T. Delaware Sand \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_    T. Bone Springs \_\_\_\_\_  
 T. Abo \_\_\_\_\_    T. \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_    T. \_\_\_\_\_  
 T. Penn \_\_\_\_\_    T. \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_    T. \_\_\_\_\_

### Northeastern New Mexico

T. Ojo Alamo \_\_\_\_\_    T. Penn. "B" \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_    T. Penn. "C" \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_    T. Penn. "D" \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_    T. Leadville \_\_\_\_\_  
 T. Menefee \_\_\_\_\_    T. Madison \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_    T. Elbert \_\_\_\_\_  
 T. Mancos \_\_\_\_\_    T. McCracken \_\_\_\_\_  
 T. Gallup \_\_\_\_\_    T. Ignacio Otzte \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_    T. Granite \_\_\_\_\_  
 T. Dakota \_\_\_\_\_    T. \_\_\_\_\_  
 T. Morrison \_\_\_\_\_    T. \_\_\_\_\_  
 T. Todilto \_\_\_\_\_    T. \_\_\_\_\_  
 T. Entrada \_\_\_\_\_    T. \_\_\_\_\_  
 T. Wingate \_\_\_\_\_    T. \_\_\_\_\_  
 T. Chinle \_\_\_\_\_    T. \_\_\_\_\_  
 T. Permian \_\_\_\_\_    T. \_\_\_\_\_  
 T. Penn "A" \_\_\_\_\_    T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from 3948 to 4390                      No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_                      No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2759	3878	1119	Mixed anhydrite & silt, with minor dolomite				
3878	3948	70	Mixed anhydrite, silt, and dolomite				
3948	4126	178	Mixed silt & dolomite, with minor anhydrite				
4126	4432	306	Dolomite				

**OCCIDENTAL PERMIAN**  
**APR 15 2002**  
**LAND**

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.  
**30-025-35450**

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.)

7. Lease Name or Unit Agreement Name  
**North Hobbs G/SA Unit**

1. Type of Well:  
OIL WELL  GAS WELL  OTHER

8. Well No.  
**612**

2. Name of Operator  
**Occidental Permian Limited Partnership**

9. Pool name or Wildcat  
**Hobbs; Grayburg - San Andres**

3. Address of Operator  
**P.O. Box 4294, Houston, TX 77210-4294**

4. Well Location  
Unit Letter **E** : **2220** Feet From The **North** Line and **406** Feet From The **West** Line  
Section **24** Township **18-S** Range **37-E** NMPM **Lea** County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
**3676' 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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <b>Run 5-1/2" Casing</b> <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.

12/14/01: Run 110 jts. 5-1/2", 15.5#, J-55, LT&C casing with 12 centralizers and set at 4435'. Cement first stage with 300 sx. Premium Plus. Bump plug, drop bomb, and open DV tool. Circulate 84 xs. Cement second stage with 500 sx. Interfill 'C' and 100 sx. Premium Plus. Plug down and circulate 61 sx. Nipple down x set slips x rig down.  
Release drilling rig at 11:00 p.m., 12/14/01.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 12/17/01  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)  
APPROVED BY \_\_\_\_\_ TITLE ORIGINAL SIGNED BY PAUL F. KAUTZ PETROLEUM ENGINEER DATE DEC 26 2001  
CONDITIONS OF APPROVAL, IF ANY:

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. 30-025-35450
5. Indicate Type of Lease STATE [X] 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 [X] GAS WELL [ ] OTHER

7. Lease Name or Unit Agreement Name North Hobbs G/SA Unit

2. Name of Operator Occidental Permian Limited Partnership

8. Well No. 612

3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294

9. Pool name or Wildcat Hobbs; Grayburg - San Andres

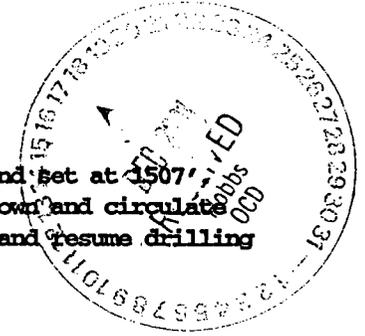
4. Well Location Unit Letter E : 2220 Feet From The North Line and 406 Feet From The West Line
Section 24 Township 18-S Range 37-E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3676' 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: Spud & Run Surface Casing [X]

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.

12/3/01: MI x RU. Spud 12-1/4" hole at 7:00 p.m. (NMOCD notified)
12/7/01 -
12/8/01: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and bet at 1507' Cement with 600 sx. PBCZ followed by 250 sx. Premium Plus. Plug down and circulate 88 sx. to surface. WOC. Nipple up and test BOP. 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 Business Analyst (SG) DATE 12/11/01
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)
APPROVED BY TITLE PAUL F. KAUTZ PETROLEUM ENGINEER DATE DEC 18 2001
CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

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

OIL CONSERVATION DIVISION

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

2040 Pacheco St.  
 Santa Fe, NM 87505

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

WELL API NO.  
 30-025-35370

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 \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
 North Hobbs G/SA Unit

2. Name of Operator  
 Occidental Permian Limited Partnership

8. Well No.  
 613

3. Address of Operator  
 P.O. Box 4294, Houston, TX 77210-4294

9. Pool name or Wildcat  
 Hobbs; Grayburg - San Andres

4. Well Location  
 SH Unit Letter L : 1605 Feet From The South Line and 548 Feet From The West Line  
 BH L 1714.6 (724) South 548.5 510 West West  
 Section 24 Township 18-S Range 37-E NMPM Lea County

10. Date Spudded 2/27/01 11. Date T.D. Reached 3/5/01 12. Date Compl. (Ready to Prod.) 3/23/01 13. Elevations (DF & RKB, RT, GR, etc.) 3674' GR 14. Elev. Casinghead

15. Total Depth 4438' 16. Plug Back T.D. 4319' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools 4438'

19. Producing Interval(s), of this completion - Top, Bottom, Name 4014' - 4292'; Grayburg - San Andres 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run Gamma Collar Dual Spaced Neutron 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 sk.	
8-5/8	24	1500	12-1/4	950 sk.	
5-1/2	15.5	4438	7-7/8	1000 sk.	

24. LINER RECORD 25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	3967	

26. Perforation record (interval, size, and number)  
 4014' - 4215' (4 JSPP)  
 4238' - 4292' (4 JSPP)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4014' - 4215'	4800 gal. 15% HCL
4238' - 4292'	1500 gal. 15% HCL

28. PRODUCTION

Date First Production 3/25/01 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
4/17/01	24	N/A		16	64	581	4000

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
50	35		16	64	581	35

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

30. List Attachments Log, Inclination Report, Directional Survey

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 Bus. Analyst (SG) Date 5/15/01

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northeastern New Mexico

T. Anhy _____ <b>1584</b>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ <b>2774</b>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <b>3554</b>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ <b>3918</b>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ <b>4148</b>	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from 4016 to 4385 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD

( Attach additional sheet if necessary )

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2774	3918	1144	Mixed anhydrite & silt with minor dolomite				
3918	4016	98	Mixed anhydrite, dolomite, & silt				
4016	4148	132	Mixed silt & dolomite with minor anhydrite				
4148	4432	284	Dolomite				



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. <b>30-025-35370</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

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

7. Lease Name or Unit Agreement Name <b>North Hobbs G/SA Unit</b>
--

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER
--

8. Well No. <b>613</b>
---------------------------

2. Name of Operator <b>Occidental Permian Limited Partnership</b>
--

9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
--

3. Address of Operator <b>P.O. Box 4294, Houston, TX 77210-4294</b>
--

4. Well Location SH Unit Letter <b>L</b> : <b>1605</b> Feet From The <b>South</b> Line and <b>548</b> Feet From The <b>West</b> Line BH Section <b>L</b> <b>1714.6</b> Township <b>18-S</b> Range <b>37-E</b> NMPM <b>Lea</b> County
--

10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3674' GL</b>
---

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: <u>Run 5-1/2" Casing</u> <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.

3/7/01: Run 110 jts. 5-1/2", 15.5#, J-55, L&C casing with 13 centralizers and set at 4438'. Pump 300 sx. Premium Plus cement (first stage). Circulate 147 sx. and plug down. Pump second stage cement, 600 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Circulate 194 sx. to surface and plug down. Nipple down x set slips x rig down.  
  
Release drilling rig @ 4:00 a.m., 3/8/01.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 03/09/01  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)  
APPROVED BY \_\_\_\_\_ TITLE Director DATE MAR 20 2001  
CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**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

**OIL CONSERVATION DIVISION**  
2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. <b>30-025-35370</b>
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 <b>North Hobbs G/SA Unit</b>
8. Well No. <b>613</b>
9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3674' GL</b>

**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**

4. Well Location  
SH Unit Letter **L** : **1605** Feet From The **South** Line and **548** Feet From The **West** Line  
BH Section **L** **1714.6** Township **18-S** Range **37-E** NMPM **Lea** County

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

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
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: <u>Spud &amp; Run Surface Casing</u> <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.

2/27/01: MI x RU. Spud 12-1/4" hole at 4:00 a.m. (NMOC notified)

3/1/01 -

3/2/01: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1500'. Cement with 700 sx. PBCZ followed by 250 sx. PBCZ. Plug down and circulate 218 sx. to surface. WOC. Cut off casing x weld on wellhead. NU x test blind rams and pipe rams to 1000 psi and drill out.

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

SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 03/06/01  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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**  
 2040 Pacheco St.  
 Santa Fe, NM 87505

WELL API NO. <b>30-025-35555</b>
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name <b>North Hobbs G/SA Unit</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 _____	8. Well No. <b>614</b>
2. Name of Operator <b>Occidental Permian Limited Partnership</b>	9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
3. Address of Operator <b>P.O. Box 4294, Houston, TX 77210-4294</b>	

4. Well Location  
 Unit Letter **G** : **2140** Feet From The **North** Line and **1542** Feet From The **East** Line  
 Section **24** Township **18-S** Range **37-E** NMPM **Lea** County

10. Date Spudded <b>6/2/01</b>	11. Date T.D. Reached <b>6/10/01</b>	12. Date Compl. (Ready to Prod.) <b>6/28/01</b>	13. Elevations (DF & RKB, RT, GR, etc.) <b>3669' GR</b>	14. Elev. Casinghead
-----------------------------------	---	--	--	----------------------

15. Total Depth <b>4438'</b>	16. Plug Back T.D. <b>4392'</b>	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By <b>4438'</b>	Rotary Tools	Cable Tools
---------------------------------	------------------------------------	--	--	--------------	-------------

19. Producing Interval(s), of this completion - Top, Bottom, Name  
**4128' - 4287'; Grayburg - San Andres**

20. Was Directional Survey Made  
**No**

21. Type Electric and Other Logs Run  
**AL-Micro CFL/GR; TDL-D CN/NGT, NGR**

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
<b>14</b>	<b>Conductor</b>	<b>40</b>	<b>18</b>	<b>50 sst.</b>	
<b>8-5/8</b>	<b>24</b>	<b>1560</b>	<b>12-1/4</b>	<b>850 sst.</b>	
<b>5-1/2</b>	<b>15.5</b>	<b>4438</b>	<b>7-7/8</b>	<b>850 sst.</b>	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<b>2-7/8</b>	<b>4039'</b>	

26. Perforation record (interval, size, and number)  
**4128' - 4287', 2 JSPF**

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>4128' - 4287'</b>	<b>2400 gal. 15% HCl</b>

28. **PRODUCTION**

Date First Production <b>7/2/01</b>	Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Pumping, ESP, Reda</b>	Well Status (Prod. or Shut-in) <b>Producing</b>					
Date of Test <b>7/2/01</b>	Hours Tested <b>24</b>	Choke Size <b>N/A</b>	Prod'n For Test Period	Oil - Bbl. <b>38</b>	Gas - MCF <b>30</b>	Water - Bbl. <b>2450</b>	Gas - Oil Ratio <b>790</b>
Flow Tubing Press. <b>50</b>	Casing Pressure <b>35</b>	Calculated 24-Hour Rate	Oil - Bbl. <b>38</b>	Gas - MCF <b>30</b>	Water - Bbl. <b>2450</b>	Oil Gravity - API -(Corr.) <b>35</b>	

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

Test Witnessed By  
**T. Summers**

30. List Attachments  
**Logs (3 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 Bus. Analyst (SG) Date 8/3/01

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

**Southeastern New Mexico**

**Northeastern New Mexico**

T. Anhy _____ <b>1490</b>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ <b>2676</b>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <b>3440</b>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ <b>3800</b>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ <b>4024</b>	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

**OIL OR GAS SANDS OR ZONES**

No. 1, from 3920 to 4380 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

**LITHOLOGY RECORD ( Attach additional sheet if necessary)**

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2676	3800	1124	Mixed anhydrite & silt with minor dolomite				
3800	3920	120	Mixed anhydrite, silt & dolomite				
3920	4024	104	Mixed silt & dolomite with minor anhydrite				
4024	4430	406	Dolomite				



Submit 3 Copies  
to Appropriate  
District Office

### 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. <b>30-025-35555</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

<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.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name <b>North Hobbs G/SA Unit</b>
2. Name of Operator <b>Occidental Permian Limited Partnership</b>	8. Well No. <b>614</b>
3. Address of Operator <b>P.O. Box 4294, Houston, TX 77210-4294</b>	9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
4. Well Location Unit Letter <b>G</b> : <b>2140</b> Feet From The <b>North</b> Line and <b>1542</b> Feet From The <b>East</b> Line Section <b>24</b> Township <b>18-S</b> Range <b>37-E</b> NMPM <b>Lea</b> County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3669' GL</b>

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: <b>Rm 5-1/2" Casing</b> <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.

6/10/01 -

6/11/01: Rm 109 jts. 5-1/2", 15.5#, J-55, I/F&C casing with 13 centralizers and set at 4438'. Pump 250 sx. Premium Plus cement (first stage). Circulate 120 sx. and plug down. Pump second stage cement, 500 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Bump plug and circulate 182 sx. to surface. Nipple down x set slips x rig down.

Release drilling rig at 8:30 p.m., 6/11/01.

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

SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 6/12/01  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE Paul [unclear] DATE JUN 22 2001

CONDITIONS OF APPROVAL, IF ANY:

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. <b>30-025-35555</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

<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.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name <b>North Hobbs G/SA Unit</b>
2. Name of Operator <b>Occidental Permian Limited Partnership</b>	8. Well No. <b>614</b>
3. Address of Operator <b>P.O. Box 4294, Houston, TX 77210-4294</b>	9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
4. Well Location Unit Letter <b>G</b> : <b>2140</b> Feet From The <b>North</b> Line and <b>1542</b> Feet From The <b>East</b> Line Section <b>24</b> Township <b>18-S</b> Range <b>37-E</b> NMPM <b>Lea</b> County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3669' GL</b>

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: Spud & Run Surface 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.

6/2/01: MI x RU. Spud 12-1/4" hole at 8:00 p.m. (NMOCD notified)

6/4/01 -

6/5/01: Run 40 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1560'. Cement with 600 sx. PBCZ followed by 250 sx. Premium Plus. Plug down and circulate 68 sx. to surface. WOC. Test blind rams and pipe rams to 1000 psi and drill out.

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

SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 6/6/01

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

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE Orig. Signed by DATE JUN 13 2001

CONDITIONS OF APPROVAL, IF ANY:



**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'
NIIGBSAU 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' FNL & 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'
NIIGBSAU 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	30-025-12505	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'
NIIGBSAU 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

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North Hobbs (Grayburg/San Andres) Unit  
Well No. 131  
API No. 30-025-05484  
Letter L, Section 24, T-18-S, R-37-E  
Lea County, New Mexico

Offset Operators

---

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

Surface Owners

---

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

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1. Article Addressed to:

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

**COMPLETE THIS SECTION ON DELIVERY**A. Received by *(Please Print Clearly)* B. Date of Delivery

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AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea.

I, Kenneth Norris

Advertising Manager

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

of \_\_\_\_\_

1 issues(s).

Beginning with the issue dated

May 27, 2004

and ending with the issue dated

May 27, 2004

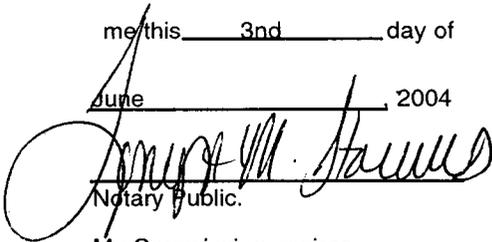


Advertising Manager

Sworn and subscribed to before

me this 3rd day of

June, 2004



Notary Public.

My Commission expires

November 27, 2004

(Seal)

**LEGAL NOTICE**  
May 27, 2004

Notice is hereby given of the application of Occidental Permian Limited Partnership, Attn: Mark Stephens, P.O. Box 4294, Rm. 19.013, 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 (2 ea.) for the purpose of tertiary recovery:

Pool Name: Hobbs: Grayburg - San Andres  
Lease/Unit Name: North Hobbs G/SA Unit  
Well No. 131 (API No. 30-025-05484)  
Loc: 2310' FSL & 1315' FWL, Unit Letter L, Sec. 24, T-18-S, R-37-E, Lea Co., NM  
Well No. 242 (API No. 30-025-26832)  
Loc: 1300' FSL & 2600' FWL, Unit Letter N, Sec. 24, T-18-S, R-37-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 (CO2 & produced gas), and the expected maximum injection pressure is approximately 1100 psi (water)/1250 psi (CO2)/1770 psi (CO2 & produced gas). Interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, NM 87504 within fifteen (15) days.  
#20683

02101173000  
Occidental Permian Limited  
P.O. Box 4294  
Houston, TX 77210-4294

67522317

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



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**  
Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

Oil Conservation Division  
1220 S. Francis Drive  
Santa Fe, NM 87505

RECEIVED

JUL 1 2004

OIL CONSERVATION  
DIVISION

RE: Proposed:

MC	_____
DHC	_____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____ X _____

Gentlemen:

I have examined the application for the:

*Accidental Permian Ltd North Hobbs GB/SA Unit # 131-2-24-185-37e*  
 Operator Lease & Well No. Unit S-T-R API # 30-025-05484

and my recommendations are as follows:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

*OK KZ*

Yours very truly,

*Chris Williams*  
 Chris Williams  
 Supervisor, District 1