

ABOVE THIS LINE FOR DIVISION USE ONLY

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



238

**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



**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

October 21, 2005

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

**RECEIVED**  
OCT 24 2005  
OIL CONSERVATION  
DIVISION

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. 242 (30-025-28886)  
Letter N, 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. 242 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
- A map reflecting the location of the proposed injection well (No. 242). 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
- Exhibit 1.0 – 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



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

Phone 713.215.7000

- 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)

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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 DHC  CTB  PLC  PC  OLS  OLM

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 WFX  PMX  SWD  IPI  EOR  PPR

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

Mark Stephens  
 Print or Type Name

*Mark Stephen*  
 Signature

Reg. Comp. Analyst  
 Title

10/21/05  
 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:
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: October 21, 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

### 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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NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Attachment To Form C-108  
Miscellaneous Data

North Hobbs (Grayburg/San Andres) Unit  
Well No. 242  
API No. 30-025-28886  
Letter N, Section 30, T-18-S, R-38-E  
Lea County, NM

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.





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. 1,2,3

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 CaCO3	288
Chlorides as Cl	76
Sulfate as SO4	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 stated

Langelier Saturation Index 0

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

L  
S

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

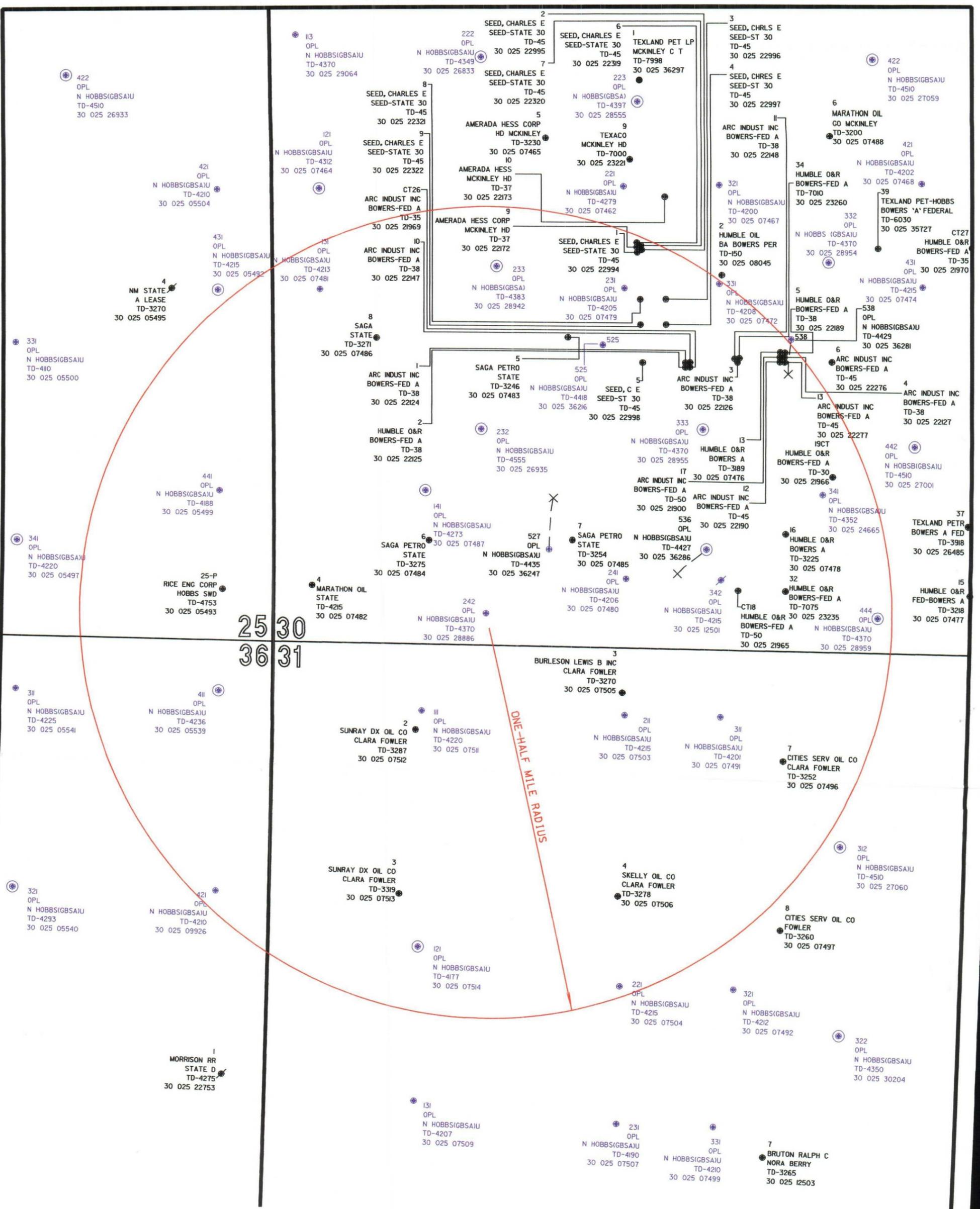
REMARKS T18S-R38E-Sec 30, Qtr Sec 1,4,2

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



25 30  
36 31

ONE-HALF MILE RADIUS

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

**OXY Occidental Permian Ltd.**

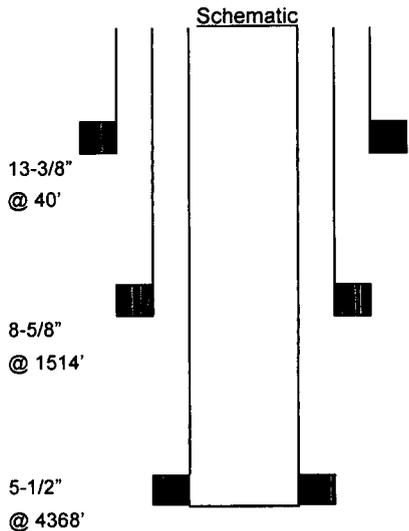
Area of Review Plat  
**NORTH HOBBBS (GRAYBURG  
SAN ANDRES) UNIT**

WELL NO. 30-242  
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.

**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>242</b>	Footage Location <b>200' FSL &amp; 1400' FWL</b>	Section <b>30</b>	Township <b>18-S</b>	Range <b>38-E</b>	Unit Letter <b>N</b>



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	<u>13-3/8"</u>	Cemented with	_____ sxs.
TOC	_____	Determined by	_____
Hole size	_____		
<u>Intermediate Casing</u>			
Size	<u>8-5/8"</u>	Cemented with	<u>675</u> sxs.
TOC	<u>SURF</u>	Determined by	<u>CIRC</u>
Hole size	_____		
<u>Long string Casing</u>			
Size	<u>5-1/2"</u>	Cemented with	<u>775</u> sxs.
TOC	<u>SURF</u>	Determined by	<u>CIRC</u>
Hole size	_____		
<u>Liner</u>			
Size	_____	Cemented with	_____ sxs.
TOC	_____	Determined by	_____
Hole size	_____		
<u>Total depth</u>	<u>4368'</u>		

Injection interval  
Approx. 4000 feet to TD

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 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'

## **Exhibit 1.0 – Area of Review**

A review of the subject well's AOR shows that four wells were 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. 525** (30-025-36216)  
**North Hobbs G/SA Unit No. 527** (30-025-36247)  
**North Hobbs G/SA Unit No. 536** (30-025-36286)  
**North Hobbs G/SA Unit No. 538** (30-025-36281)

The attached copies of sundry notices (2 ea. per well) and the completion reports for these four wells shows that cement was circulated to surface off all casing strings thus affording adequate protection of the injection interval (approx. 4000' to 4368') of Oxy's North Hobbs G/SA Unit Well No. 242.

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

Active Wells (includes SI and TxA'd wells) – 29

Plugged and Abandoned Wells – 32  
(Identified below)

### **Sec. 30, T-18-S, R-38-E**

**Bowers "A" No. 13** (30-025-07476)  
**Bowers "A" Federal No. 1** (30-025-22124)  
**Bowers "A" Federal No. 2** (30-025-22125)  
**Bowers "A" Federal No. 3** (30-025-22126)  
**Bowers "A" Federal No. 4** (30-025-22127)  
**Bowers "A" Federal No. 5** (30-025-22189)  
**Bowers "A" Federal No. 10** (30-025-22147)  
**Bowers "A" Federal No. 11** (30-025-22148)  
**Bowers "A" Federal No. 12** (30-025-22190)  
**Bowers "A" Federal No. 13** (30-025-22277)  
**Bowers "A" Federal No. 16** (30-025-07478)  
**Bowers "A" Federal No. 17** (30-025-21900)  
**Bowers "A" Federal No. 18** (30-025-21965)

**Exhibit 1.0 – Area of Review**

Plugged and Abandoned Wells (con'd.)

**Sec. 30, T-18-S, R-38-E**

**Bowers "A" Federal No. 19** (30-025-21966)  
**Bowers "A" Federal No. 26** (30-025-21969)  
**Bowers "A" Federal No. 32** (30-025-23235)  
**Bowers "A" Federal No. 34** (30-025-23260)  
**Grimes No. 1** (30-025-22994)  
**Grimes No. 2** (30-025-22995)  
**Grimes No. 3** (30-025-22996)  
**Grimes No. 4** (30-025-22997)  
**Grimes No. 5** (30-025-22998)  
**Grimes No. 6** (30-025-22319)  
**Grimes No. 7** (30-025-22320)  
**Grimes No. 8** (30-025-22321)  
**Grimes No. 9** (30-025-22322)  
**H.D. McKinley No. 9** (30-025-22172)  
**North Hobbs G/SA Unit No. 342** (30-025-12501)  
**State Land Sec. 30 No. 4** (30-025-07482)

**Sec. 31, T-18-S, R-38-E**

**Clara Fowler No. 2** (30-025-07512)  
**Clara Fowler No. 3** (30-025-07513)  
**Clara Fowler No. 7** (30-025-07496)

Mark Stephens 10/21/05

Mark Stephens  
Regulatory Compliance Analyst  
Occidental Permian Limited Partnership

Submit to Appropriate District Office  
 State Lease - 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.  
 30-025-36216

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.  
 525

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

4. Well Location  
 Unit Letter K : 1947 Feet From The South Line and 2139 Feet From The West Line  
 Section 30 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded 4/29/03 11. Date T.D. Reached 5/7/03 12. Date Compl. (Ready to Prod.) 5/23/03 13. Elevations (DF & RKB, RT, GR, etc.) 3652' GR 14. Elev. Casinghead

15. Total Depth 4418' 16. Plug Back T.D. 4347' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 4418' Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 4153' - 4285'; Grayburg-San Andres 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run HRLA-MicroCFL-GR/TDL-D-CN-GR/CN-NGRS-CCL/NGRS-CCL 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	1521	12-1/4	850 sx.	
5-1/2	15.5	4418	7-7/8	1000 sx.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	4051'	

26. Perforation record (interval, size, and number)  
4153' - 4285', 2 JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4153' - 4285'	5500 gal. 15% NEEF HCL

28. PRODUCTION

Date First Production 5/25/03 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Pumping - ESP, Reda Well Status (*Prod. or Shut-in*) Producing

Date of Test 6/19/03 Hours Tested 24 Choke Size N/A Prod'n For Test Period Oil - Bbl. 9 Gas - MCF 1 Water - Bbl. 2440 Gas - Oil Ratio 111

Flow Tubing Press. 50 Casing Pressure 35 Calculated 24-Hour Rate Oil - Bbl. 9 Gas - MCF 1 Water - Bbl. 2440 Oil Gravity - API (*Corr.*) 35

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

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 7/1/03

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. 30-025-36216
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. 525
9. Pool name or Wildcat Hobbs; Grayburg - San Andres
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3652' 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

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 K : 1947 feet from the South line and 2139 feet from the West line  
 Section 30 Township 18-S Range 38-E NMPM County Lea

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

NOTICE OF INTENTION TO:

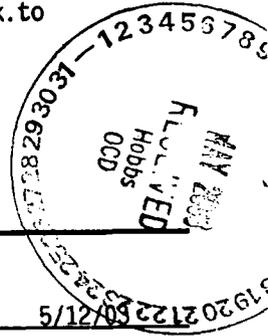
- PERFORM REMEDIAL WORK  PLUG AND ABANDON
- TEMPORARILY ABANDON  CHANGE PLANS
- PULL OR ALTER CASING  MULTIPLE COMPLETION
- OTHER:

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/8/03 -  
 5/9/03: Run 107 jts. 5-1/2", 15.5#, J-55, LT&C casing with 12 centralizers and set at 4418'. Cement first stage with 300 sx. Premium Plus. Plug down. Open DV tool x circulate 80 sx. to surface. Circulate 4 hours between stages. Cement second stage with 600 sx. Interfill 'C' (lead) x 100 sx. Premium Plus (tail). Plug down and circulate 160 sx. to surface. Nipple down x set slips x rig down.  
 Release drilling rig at 5:00 a.m.. 5/9/03.



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 5/12/03

Type or print name Mark Stephens Telephone No. 281/552-1158

(This space for State use)  
 APPROVED BY GARY W. WINK TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAY 19 2003  
 Conditions of approval, if any:

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

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-103  
 Revised March 25, 1999

<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. 30-025-36216
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Occidental Permian Limited Partnership		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294		7. Lease Name or Unit Agreement Name: North Hobbs G/SA Unit
4. Well Location Unit Letter <u>K</u> : <u>1947</u> feet from the <u>South</u> line and <u>2139</u> feet from the <u>West</u> line Section <u>30</u> Township <u>18-S</u> Range <u>38-E</u> NMPM County <u>Lea</u>		8. Well No. 525
		9. Pool name or Wildcat Hobbs; Grayburg - San Andres
		10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3652' GR

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

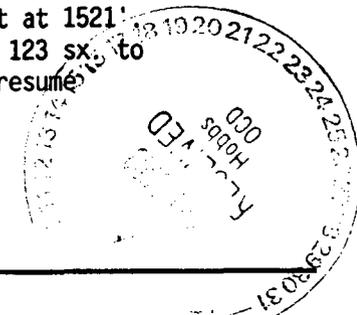
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> 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 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

4/29/03: MI x RU. Spud 12-1/4" hole at 5:00 p.m. (NMOCD notified)

4/30/03 -

5/01/03: Run 38 jts. 8-5/8". 24#. J-55. ST&C casing with 13 centralizers and set at 1521' Cement with 550 sx. PBCZ lead and 300 sx. Premium Plus tail. Circulate 123 sx to surface. Plug down x WOC. Nipple up BOPE x test. 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 5/2/03

Type or print name Mark Stephens Telephone No. 281/552-1158

(This space for State use) ORIGINAL SIGNED BY  
 GARY W. WINK

APPROVED BY OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAY 09 2003

Conditions of approval, if any:

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

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO.  
 30-025-36247

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.  
 527

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

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

4. Well Location  
 SHL: Unit Letter N: 627 Feet From The South Line and 1782 Feet From The West Line  
 BHL: N 951 957 South 1802 West  
 Section 30 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded 5/19/03 11. Date T.D. Reached 5/26/03 12. Date Compl. (Ready to Prod.) 6/12/03 13. Elevations (DF & RKB, RT, GR, etc.) 3649' GR 14. Elev. Casinghead

15. Total Depth 4435' 16. Plug Back T.D. 4380' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 4435' Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
 4252' - 4303'; Grayburg-San Andres

20. Was Directional Survey Made  
 Yes

21. Type Electric and Other Logs Run  
 HRLA-MicroCFL-NGT/TDLD-CN-NGT/BCS-NGT/NGRS

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	1536	12-1/4	850 sx.	
5-1/2	15.5	4435	7-7/8	850 sx.	

24. LINER RECORD 25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4142'	

26. Perforation record (interval, size, and number)  
 4252' - 4303' (2 JSPF)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4252' - 4303'	750 gal. 15% NEFF HCL

28. PRODUCTION

Date First Production 6/14/03 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - ESP, Reda Well Status (Prod. or Shut-in) Producing

Date of Test 6/14/03 Hours Tested 24 Choke Size N/A Prod'n For Test Period Oil - Bbl. 17 Gas - MCF 10 Water - Bbl. 2116 Gas - Oil Ratio 588

Flow Tubing Press. 50 Casing Pressure 35 Calculated 24-Hour Rate Oil - Bbl. 17 Gas - MCF 10 Water - Bbl. 2116 Oil Gravity - API (Carr.) 35

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

30. List Attachments  
 Logs (4 ea.), Directional Survey, 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 6/30/03

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. 30-025-36247
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. 527
9. Pool name or Wildcat Hobbs; Grayburg - San Andres
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3649' 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

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 N : 627 feet from the South line and 1782 feet from the West line  
 Section 30 Township 18-S Range 38-E NMPM County Lea

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  MULTIPLE COMPLETION

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB

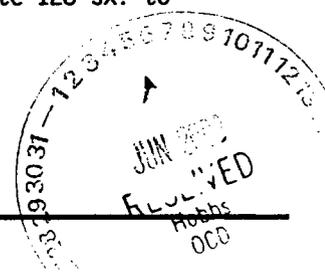
OTHER:  OTHER: Run 5-1/2" Casing

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/27/03 -

5/28/03: Run 108 jts. 5-1/2". 15.5#, J-55, LT&C casing with 14 centralizers and set at 4435'. Cement first stage with 250 sx. Premium Plus. Plug down. Open DV tool and circulate 80 sx. to surface. Circulate 4 hours between stages. Cement second stage with 500 sx. Interfill 'C' (lead) x 100 sx. Premium Plus (tail). Plug down and circulate 128 sx. to surface. Nipple down BOP x set slips x rig down.

Release drilling rig at 8:30 p.m., 5/28/03.



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 6/2/03

Type or print name Mark Stephens Telephone No. 281/552-1158

(This space for State use)  
 APPROVED BY [Signature] TITLE OCC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUN 17 2003  
 Conditions of approval, if any

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

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO. 30-025-36247
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. 527
9. Pool name or Wildcat Hobbs; Grayburg - San Andres

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  
 Unit Letter N : 627 feet from the South line and 1782 feet from the West line  
 Section 30 Township 18-S Range 38-E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3649' 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  MULTIPLE COMPLETION

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB

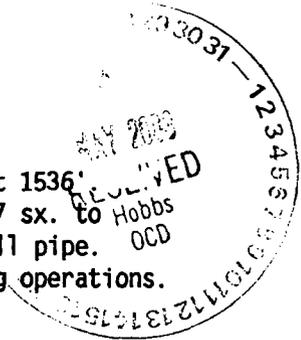
OTHER:  OTHER: Spud & Run Surface Casing

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

5/19/03: MI x RU. Spud 12-1/4" hole at 9:00 p.m. (NMOCD notified)

5/20/03 -

5/21/03: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1536'. Cement with 550 sx. PBCZ lead and 300 sx. Premium Plus tail. Circulate 147 sx. to Hobbs surface. Plug down x WOC. Nipple up BOPE x test to 1200 psi. TIH x PU drill pipe. Test pipe rams x annular to 1200 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 5/22/03

Type or print name Mark Stephens Telephone No. 281/552-1158

(This space for State use)

APPROVED BY GARY W. WINK ORIGINAL SIGNATURE DATE MAY 28 2003  
 Conditions of approval, if any: QC FIELD REPRESENTATIVE II/STAFF MANAGER

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other **Injection Well**  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
 Other \_\_\_\_\_

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

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

3a. Phone No. (include area code)  
**(281) 552-1158**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **641' FSL & 2419' FEL**

At top prod. interval reported below

At total depth **483' FSL & 2568' FEL**

14. Date Spudded **6/17/03**  
15. Date T.D. Reached **6/23/03**

16. Date Completed **7/15/03**  
 D & A  Ready to Prod. Inject

5. Lease Serial No.  
**LC-032233(A)**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**North Hobbs G/SA Unit No. 536**

9. API Well No.  
**30-025-36286**

10. Field and Pool, or Exploratory  
**Hobbs; Grayburg-San Andres**

11. Sec., T., R., M., or Block and Survey or Area  
**Sec. 30, T-18-S, R-38-E**

12. County or Parish **Lea** 13. State **NM**

17. Elevations (DF, RKB, RT, GL)\*  
**3651' GL**

18. Total Depth: MD **4427'** TVD **4414'**  
19. Plug Back T.D.: MD **4382'** TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CNL/NGR/CCL; NGR/SL/CCL**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Shurry Vol. (BBL)	Cement Top*	Amount Pulled
18	14	Cond.	Surface	40'		50		Surface	
12-1/4	8-5/8, J-55	24	Surface	1543'		850	257	Surface	
7-7/8	5-1/2, J-55	15.5	Surface	4427'	3525'	950	318	Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	4201'	4206'	5.5					

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg-San Andres	4242'	4301'	4242' - 4301'	2 JSPF	76	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4242' - 4301'	ACD: 1700 gal. 15% NEFE HCL

**ACCEPTED FOR RECORD**  
**AUG 20 2003**  
**GARY GOURLEY**  
PROFESSIONAL ENGINEER

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			24 Hr.						N/A - injection well

Shut-in

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			24 Hr.						

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**OPERATOR'S COPY**

FORM APPROVED  
OMB NO. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Water Injection Well		5. Lease Serial No. <b>LC-032233(A)</b>
2. Name of Operator <b>Occidental Permian Limited Partnership Attn: Mark Stephens, 338-B, WL2</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>P.O. Box 4294, Houston, TX 77210-4294</b>	3b. Phone No. (include area code) <b>(281) 552-1158</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  <b>641' FSL &amp; 2419' FEL, Sec. 30, Letter O, T-18-S, R-38-E (SHL)</b>		8. Well Name and No. <b>North Hobbs G/SA No. 536 Unit</b>
		9. API Well No. <b>30-025-36286</b>
		10. Field and Pool, or Exploratory Area <b>Hobbs; Grayburg-San Andres</b>
		11. County or Parish, State <b>Lea Co. NM</b>

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Run 5-1/2"</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Production Casing</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

6/23/03 -

6/24/03: Run 114 jts. 5-1/2", 15.5#, J-55, LT&C casing with 14 centralizers and set at 4427'. Cement first stage with 250 sx. Premium Plus. Plug down x circulate 168 sx. to surface. Circulate 4 hours between stages. Cement second stage with 550 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Plug down and circulate 158 sx. to surface. Nipple down x set slips x rig down.

Release drilling rig at 10:45 p.m., 6/24/03.

ACCEPTED FOR RECORD  
NOV 17  
GARY COURLEY  
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Mark Stephens</b>	Title <b>Regulatory Compliance Analyst</b>
<i>Mark Stephens</i>	Date <b>6/25/03</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	



**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 **P.O. Box 4294, Houston, TX 77210-4294** 3a. Phone No. (include area code) **(281) 552-1158**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **1983' FSL & 1856' FEL**  
At top prod. interval reported below \_\_\_\_\_  
At total depth **1765' FSL & 1860' FEL**

5. Lease Serial No. **LC-032233(A)**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No. **North Hobbs G/SA Unit No. 538**

9. API Well No. **30-025-36281**

10. Field and Pool, or Exploratory **Hobbs; Grayburg-San Andres**

11. Sec., T., R., M., or Block and Survey or Area **Sec. 30, T-18-S, R-38-E**

12. County or Parish **Lea** 13. State **NM**

14. Date Spudded **6/8/03** 15. Date T.D. Reached **6/14/03** 16. Date Completed  D & A  Ready to Prod. **7/8/03**

17. Elevations (DF, RKB, RT, GL)\* **3651' GL**

18. Total Depth: MD **4429'** TVD **4415'** 19. Plug Back T.D.: MD **4385'** TVD \_\_\_\_\_

20. Depth Bridge Plug Set: MD \_\_\_\_\_ TVD \_\_\_\_\_

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CN/NGRS/CCL; NGRS**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
18	14	Cond.	Surface	40'		50		Surface	
12-1/4	8-5/8, J-55	24	Surface	1540'		850	243	Surface	
7-7/8	5-1/2, J-55	15.5	Surface	4429'	3552'	900	323	Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	4052'							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg-San Andres	4164'	4286'	4164' - 4184'	2 JSPF	28	Open
B)			4225' - 4286'	2 JSPF	88	Open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4164' - 4183'	ACD: 350 gal. 15% NEFE HCL
4225' - 4286'	ACD: 2350 gal. 15% NEFE HCL

ACCEPTED FOR RECORD  
*David B. Elias*  
JUL 30 2003

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
7/10/03	7/10/03	24	→	38	53	2107	35	1.038	Pumping, ESP
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
N/A	50	35	→	38	53	2107	1395	Producing	

28a. Production-Interval B

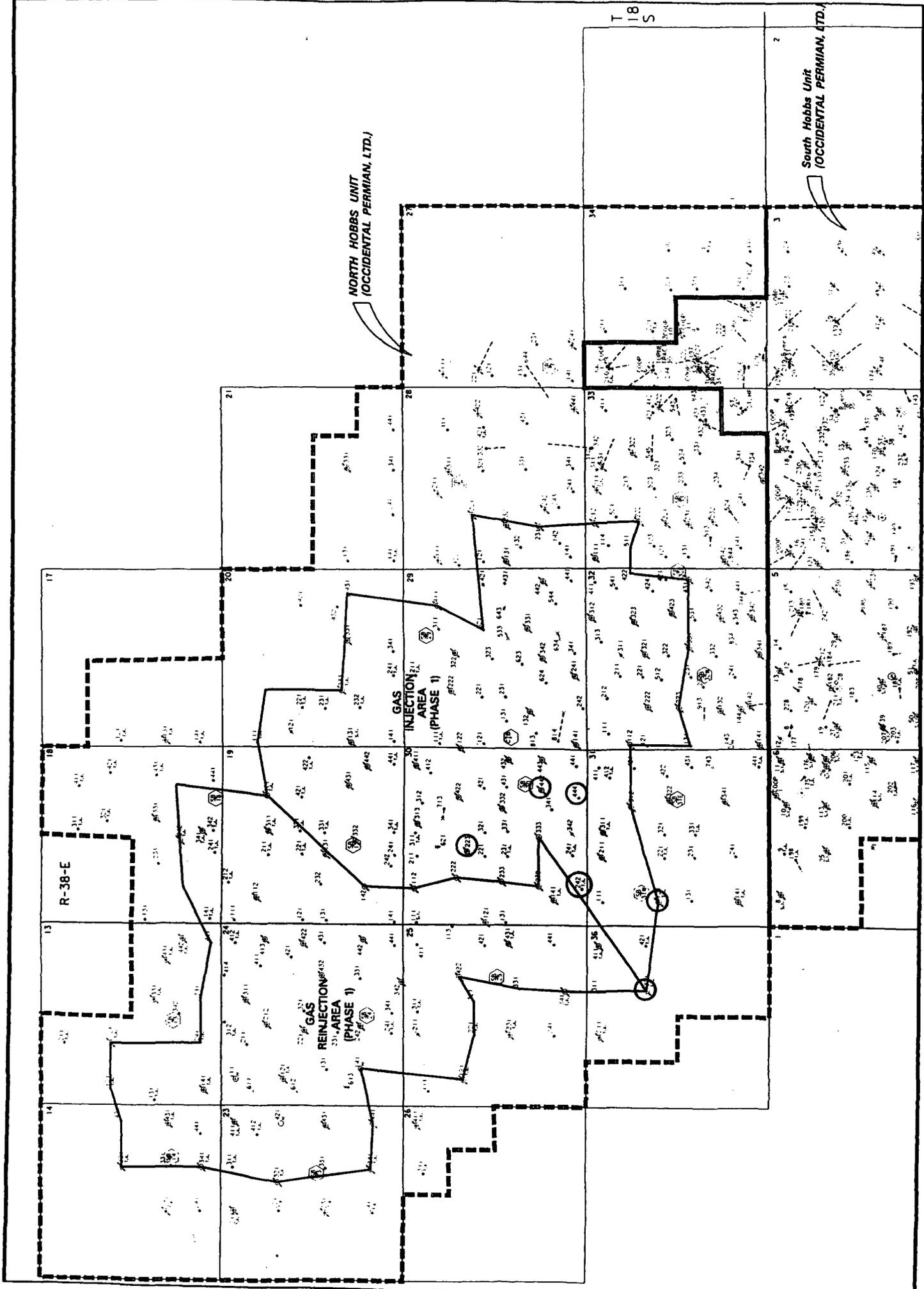
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

(See instructions and spaces for additional data on reverse side)





Exhibit 2.0 - Well No. 242 circled in red; wells approved for similar injectants/rates under Order R-6199-B circled in blue



## LIST OF OFFSET OPERATORS & SURFACE OWNERS

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North Hobbs (Grayburg/San Andres) Unit  
Well No. 242  
API No. 30-025-28886  
Letter N, Section 30, T-18-S, R-38-E  
Lea County, NM

### **Offset Operators**

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

Saga Petroleum  
200 N. Loraine St., Suite 1300  
Midland, TX 79701-4779

Rice Operating Company  
122 West Taylor  
Hobbs, NM 88240

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

### **Surface Owner**

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

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>		A. Received by (Please Print Clearly)	B. Date of Delivery
1. Article Addressed to:		C. Signature	
<p>Saga Petroleum 200 N. Loraine St. Suite 1300 Midland, TX 79701-4779</p>		<input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)		3. Service Type	
7001 0320 0002 0354 8162		<input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, March 2001		Domestic Return Receipt	
		102595-01-M-1424	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>		A. Received by (Please Print Clearly)	B. Date of Delivery
1. Article Addressed to:		C. Signature	
<p>Rice Operating Company 122 West Taylor Hobbs, NM 88240</p>		<input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)		3. Service Type	
7001 0320 0002 0354 8179		<input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, March 2001		Domestic Return Receipt	
		102595-01-M-1424	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Received by ( <i>Please Print Clearly</i> )	B. Date of Delivery
	C. Signature	
1. Article Addressed to:	<input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
Lewis B. Burleson, Inc. P.O. Box 2479 Midland, TX 79702	D. Is delivery address different from item 1? If YES, enter delivery address below:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2. Article Number ( <i>Transfer from service label</i> )	7001 0320 0002 0354 8186	
PS Form 3811, March 2001	Domestic Return Receipt	102595-01-M-1424

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Received by ( <i>Please Print Clearly</i> )	B. Date of Delivery
	C. Signature	
1. Article Addressed to:	<input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, NM 87504-1148	D. Is delivery address different from item 1? If YES, enter delivery address below:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2. Article Number ( <i>Transfer from service label</i> )	7001 0320 0002 0354 8247	
PS Form 3811, March 2001	Domestic Return Receipt	102595-01-M-1424

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

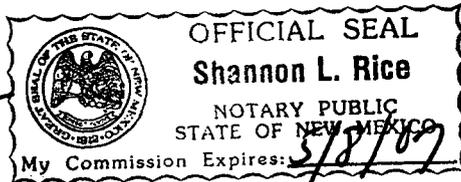
me this 29th day of

April 2005

*Shannon L. Rice*

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 (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 87505 within fifteen (15) days. #21482

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.

02101173000      67530027  
Occidental Permian Limited  
P. O. Box 4294  
Houston, TX 77210-4294