

12/5/05 DATE IN	12/20/05 SUSPENSE	DLC ENGINEER	12/6/05 LOGGED IN	DMX TYPE	PSEM0534035036 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



### ADMINISTRATIVE APPLICATION CHECKLIST

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

#### Application Acronyms:

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

#### [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

December 2, 2005

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

**RECEIVED**  
DEC 5 - 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. 312 (30-025-29130)  
Letter B, Section 24, T-18-S, R-37-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. 312 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. 312). 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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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)

**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: December 2, 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

### 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. 312  
API No. 30-025-29130  
Letter B, 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

Company: **Nalco Energy Services**

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

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

## Dissolved Gases

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

## Cations

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

## Anions

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

pH 6.350 Specific Gravity 60/60 F. 1.010

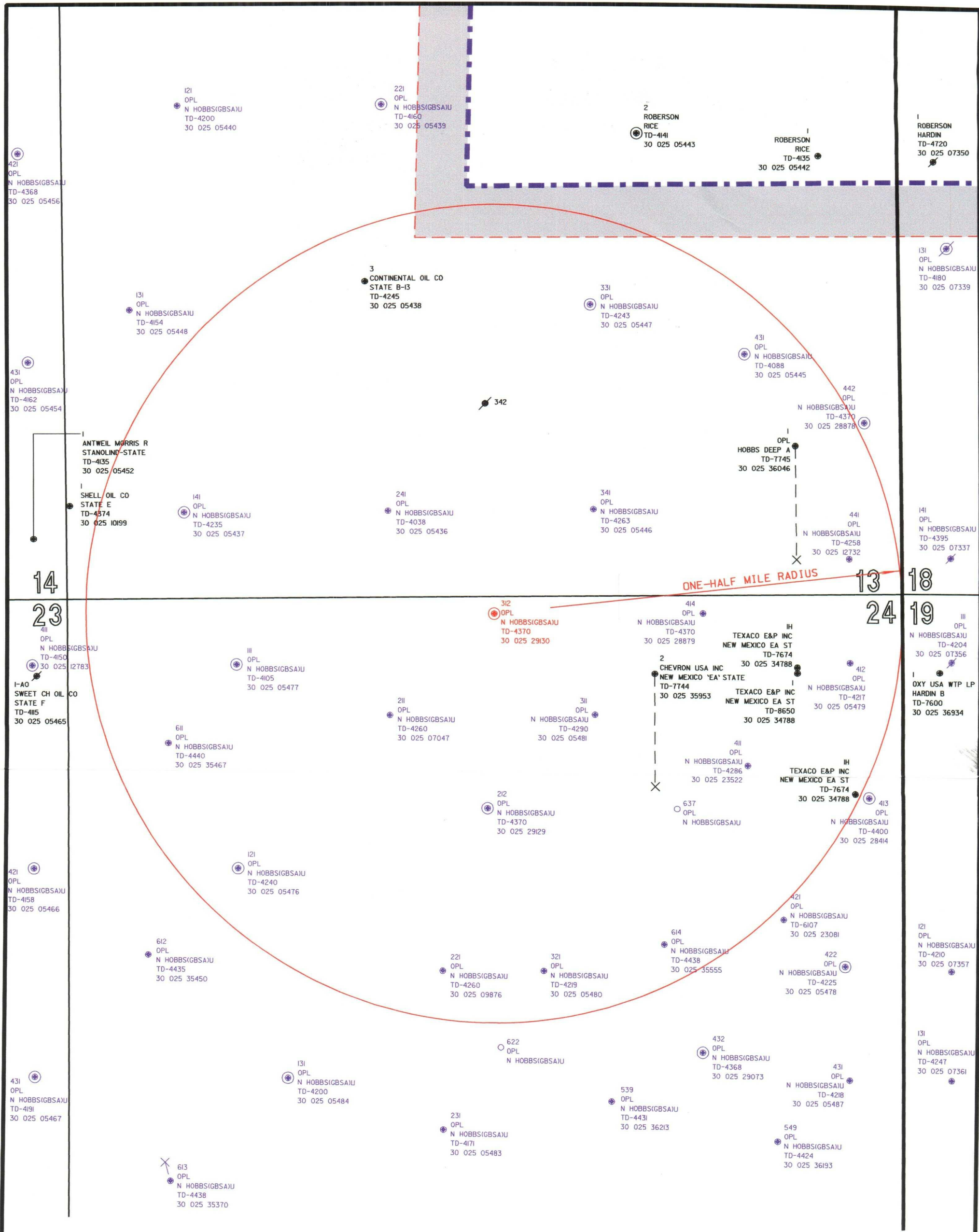
CaSO<sub>4</sub> Solubility @ 80 F. 39.63 MEq/L, CaSO<sub>4</sub> scale is unlikely

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

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

*Nalco Energy Services*





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 HOBBS (GRAYBURG  
SAN ANDRES) UNIT**

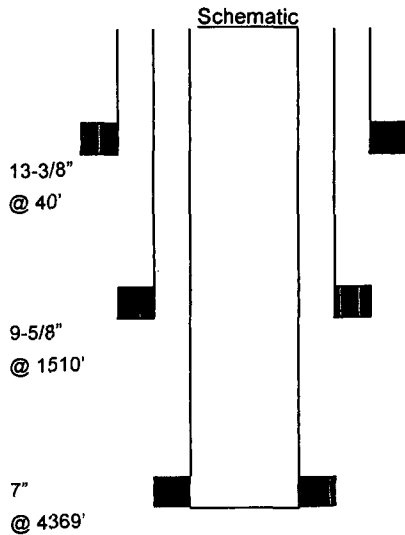
WELL NO. 24-312  
T-18-S, R-37-E  
Lea County, New Mexico

Scale: 1" = 600' 10-20-2005 nm438\_2005.dgn  
Plat prepared by PJE Drafting, Inc.  
For Horizon Survey, Inc.



# INJECTION WELL DATA SHEET

Operator Occidental Permian Limited Partnership		Lease North Hobbs G/SA Unit			County Lea
Well No. 312	Footage Location 10' FNL & 2630' FEL	Section 24	Township 18-S	Range 37-E	Unit Letter B



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	13-3/8"	Cemented with	NA sxs.
TOC	NA	Determined by	NA
Hole size			
<u>Intermediate Casing</u>			
Size	9-5/8"	Cemented with	600 sxs.
TOC	SURF	Determined by	CIRC
Hole size			
<u>Long string Casing</u>			
Size	7"	Cemented with	950 sxs.
TOC	SURF	Determined by	CIRC
Hole size			
<u>Liner</u>			
Size		Cemented with	sxs.
TOC		Determined by	
Hole size			

Total depth 4370'

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 Data**

North Hobbs G/SA Unit No. 312

A review of the subject well's AOR shows that six new wells 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:

**Section 13, T-18-S, R-37-E**

**Hobbs Deep 'A' No. 1** (30-025-36046)

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

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

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

**North Hobbs G/SA Unit No. 637** (30-025-37101)

**New Mexico 'EA' State No. 1H** (30-025-34788)

**New Mexico 'EA' State No. 2** (30-025-35953)

The attached copies of sundry notices and completion reports for these wells show that cement was circulated to surface off all casing strings. For New Mexico 'EA' State No. 1H, cement was circulated to surface off the 11-3/4" casing. The TOC for the 8-5/8" casing is calculated at 3080', and the TOC for the 5-1/2" casing is calculated to be at surface, thus affording adequate protection of the injection interval (approx. 4000' to 4370') of North Hobbs G/SA Unit No. 312.

**AOR NOTES:**

North Hobbs G/SA Unit No. 342 (30-025-29255) in Section 13, T-18-S, R-37-E was permitted for drilling (5/9/85), but was never drilled (copies of Form C-103 and Form C-101 for this well are attached).

**Exhibit 1.0 – Area of Review Data (con'd.)**

**Area of Review Well Count**

Active Wells (includes SI and TxA'd wells ) – 22

Plugged and Abandoned Wells – 1  
(Identified below)

**Section 13, T-18-S, R-37-E**

**State B-13 No. 3 (30-025-05438)**

Mark Stephens 12/2/05

Mark Stephens  
Regulatory Compliance Analyst  
Occidental Permian Limited Partnership

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.  
30-025-36046  
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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					7. Lease Name or Unit Agreement Name Hobbs Deep 'A'				
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. 1				
2. Name of Operator Occidental Permian Limited Partnership					9. Pool name or Wildcat Wildcat; Tubb-Drinkard-Abo				
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294									
4. Well Location SHL: Unit Letter <u>P</u> : <u>990</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line BHL: <u>P</u> <u>335.7</u> <u>336</u> <u>South</u> <u>653.7</u> <u>654</u> <u>East</u> Section <u>13</u> Township <u>18-S</u> Range <u>37-E</u> NMPM Lea County									
10. Date Spudded 11/20/02	11. Date T.D. Reached 12/11/02	12. Date Compl. (Ready to Prod.) 1/12/03	13. Elevations (DF & RKB, RT, GR, etc.) 3671' GR	14. Elev. Casinghead					
15. Total Depth 7745'	16. Plug Back T.D. 7745'	17. If Multiple Compl. How Many Zones? <u>3</u>	18. Intervals Drilled By 7745'	Rotary Tools	Cable Tools				
19. Producing Interval(s), of this completion - Top, Bottom, Name 6566'-6710' (Tubb); 6710'-7145' (Drinkard); 7145'-7745' (Abo)							20. Was Directional Survey Made Yes		
21. Type Electric and Other Logs Run Comp. Z-Densilog/CNL/GR; DL/ML/GR; Digital Acoustilog/GR							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
16	Conductor	40	26	200 sx.	
9-5/8	36	1545	13-3/4	1000 sx.	
7	26	6553	8-3/4	1475 sx.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	7160	

26. Perforation record (interval, size, and number)  6553' - 7745' (Open Hole)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6553' - 7745'	10,000 gal. 17% HCL (1/2/03) 41,000 gal. 17% HCL (1/15/03)

28. PRODUCTION							
Date First Production 1/14/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" x 1.5" x 20' Insert Rod Pump				Well Status (Prod. or Shut-in) Shut-in (7/9/03)	
Date of Test 4/6/03	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 33	Gas - MCF 60	Water - Bbl. 1	Gas - Oil Ratio 1818
Flow Tubing Press. 50	Casing Pressure 44	Calculated 24-Hour Rate	Oil - Bbl. 33	Gas - MCF 60	Water - Bbl. 1	Oil Gravity - API (Corr.) 37.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented/Flared (NFO Permit No. I-914)	Test Witnessed By T. Summers
--	---------------------------------

30. List Attachments Logs (3 ea.), 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 Reg. Comp. Analyst	Date 9/10/03

# 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

T. Anhy \_\_\_\_\_ 1517  
 T. Salt \_\_\_\_\_ 1617  
 B. Salt \_\_\_\_\_ 2604  
 T. Yates \_\_\_\_\_ 2719  
 T. 7 Rivers \_\_\_\_\_ 2935  
 T. Queen \_\_\_\_\_ 3483  
 T. Grayburg \_\_\_\_\_ 3803  
 T. San Andres \_\_\_\_\_ 4051  
 T. Glorieta \_\_\_\_\_ 5412  
 T. Paddock \_\_\_\_\_  
 T. Blinebry \_\_\_\_\_ 5809  
 T. Tubb \_\_\_\_\_ 6551  
 T. Drinkard \_\_\_\_\_ 6689  
 T. Abo \_\_\_\_\_ 7090  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss \_\_\_\_\_  
 T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_  
 T. Bone Springs \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### Northeastern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 T. Gallup \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Todilto \_\_\_\_\_  
 T. Entrada \_\_\_\_\_  
 T. Wingate \_\_\_\_\_  
 T. Chinle \_\_\_\_\_  
 T. Permian \_\_\_\_\_  
 T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
 T. Penn. "C" \_\_\_\_\_  
 T. Penn. "D" \_\_\_\_\_  
 T. Leadville \_\_\_\_\_  
 T. Madison \_\_\_\_\_  
 T. Elbert \_\_\_\_\_  
 T. McCracken \_\_\_\_\_  
 T. Ignacio Otzte \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

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

No. 3, 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
Surface	1517	1517	Red beds				
1517	1617	100	Anhydrite				
1617	2604	987	Salt				
2604	2719	115	Anhydrite, salt				
2719	3803	1084	Dolomite, sandstone, and anhydrite				
3803	4897	1094	Dolomite				
4897	5280	383	Limestone				
5280	7745	2465	Dolomite, limestone, minor siltstone, and shale				

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

**DISTRICT I**  
P.O. Box 1980, Hobbs NM 88241-1980

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

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

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.  
30-025-36046

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

1. Type of Well:  
OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator  
Occidental Permian Limited Partnership

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

4. Well Location  
SHL: Unit Letter P : 990 Feet From The South Line and 660 Feet From The East Line  
BHL: P 330 South 660 East  
Section 13 Township 18-S Range 37-E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3671' GL

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

**NOTICE OF INTENTION TO:**

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

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: Run 7" 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.

12/4/02 -

12/6/02: Run 158 jts. 7". 26#. J-55, LT&C casing with 24 centralizers and set at 6553' (MD). Cement first stage w/675 sx. Premium Plus. Plug down. Open DV tool. Circulate 192 sx. off DV tool. Cement second stage w/700 sx. Interfill 'C' x 100 sx. Premium Plus. Plug down and circulate 303 sx. to surface. ND BOP x set casing slips x cut off 7" casing. NU BOP x test blind rams. pipe rams, wellhead, annular, manifold, HCR valve, and safety valves to 3000 psi x 30 min. Run 6-1/8" bit x drill out DV tool. Test casing to 1500 psi x 30 min. PU directional drilling tools x start in hole x resume directional drilling.

12/12/02: Log open hole x tag TD at 7745' (MD); 7640' (TVD)

12/14/02: Release drilling rig at 12:01 p.m. (12/14/02)

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 1/16/03

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

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE PAUL E. KAUTZ DATE JAN 20 2003  
CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY  
PETROLEUM ENGINEER

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>30-025-36046</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Hobbs Deep 'A'</b>
8. Well No. <b>1</b>
9. Pool name or Wildcat <b>Wildcat: Tubb, Drinkard, Abo</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 <input type="checkbox"/>	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 SHL: Unit Letter <b>P</b> : <b>990</b> Feet From The <b>South</b> Line and <b>660</b> Feet From The <b>East</b> Line BHL: <b>P</b> <b>330</b> <b>South</b> <b>660</b> <b>East</b> Section <b>13</b> Township <b>18-S</b> Range <b>37-E</b> NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3671' 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.

11/20/02: MI x RU. Spud 13-3/4" hole at 9:30 a.m. (NMOCD notified)

11/21/02 -

11/22/02: Run 39 jts. 9-5/8", 36#, J-55, ST&C casing with 11 centralizers and set at 1545' Cement with 700 sx. PBCZ followed by 300 sx. Premium Plus. Plug down and circulate 235 sx. to surface. WOC. Cut off casing x weld on wellhead x NU BOP. Test casing blinds, & choke to 1150 psi for 30 min. Test pipe rams x annular to 1150 psi for 30 min. 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 11/26/02

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

(This space for SIGNATURE)  
ORIGINAL SIGNED BY  
CHING WILLIAMS

APPROVED BY OC DISTRICT SUPERVISOR/GENERAL MANAGER

CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

DEC 03 2002



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

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.

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 \_\_\_\_\_

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.

611

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 1ea 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 \_\_\_\_\_ 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 - TOLD CN/GR - AL Micro-CFL/GR

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
14	Conductor	40	18	50 sk.	
8-5/8	24	1497	12-1/4	850 sk.	
5-1/2	15.5	4440	7-7/8	850 sk.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
						2-7/8	4100'	

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

4138' - 4276' (4 JSPP)

27. ACID. SHOT. FRACTURE. CEMENT. SOEEZE. ETC.

DEPTH INTERVAL 4138' - 4276' AMOUNT AND KIND MATERIAL USED 3500 gal. 15% HCL

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 5/7/01 Hours Tested 24 Choke Size N/A Prod'n For Test Period \_\_\_\_\_ Oil - Bbl. 29 Gas - MCF 39 Water - Bbl. 2359 Gas - Oil Ratio 1345

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

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

## Northeastern New Mexico

T. Anhy	1548	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	2738	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3507	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	3858	T. Montoya	T. Mancos	T. McCracken
T. San Andres	4086	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 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  $\frac{1}{2}$  -----  
 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				



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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

**DISTRICT I**  
P.O. Box 1980, Hobbs NM 88241-1980

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

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

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. <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	10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3678' 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: **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 sk. Premium Plus, circulate 127 sk. Bump plug. Cement second stage with 500 sk. Interfill 'C' (lead) and 100 sk. Premium Plus (tail). Circulate 63 sk. 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 Paul Kautz TITLE Geologist DATE APR 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**

**DISTRICT I**  
P.O. Box 1980, Hobbs NM 88241-1980

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

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

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. <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 <input type="checkbox"/>	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	10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3678' 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.

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

30-025-35555

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 Petroleum 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.

614

9. Pool name or Wildcat

Hobbs; Grayburg - San Andres

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

6/2/01

11. Date T.D. Reached

6/10/01

12. Date Compl. (Ready to Prod.)

6/28/01

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

3669' GR

14. Elev. Casinghead

15. Total Depth

4438'

16. Plug Back T.D.

4392'

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

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

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4039'	

**25. TUBING RECORD**

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

4128' - 4287', 2 JSPF

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

4128' - 4287'

2400 gal. 15% HCL

**28. PRODUCTION**

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

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

**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>30-025-35555</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>614</b>
9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3669' 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  
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. Elevation (Show whether DF, RKB, RT, GR, etc.)  
**3669' GL**

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

**NOTICE OF INTENTION TO:**

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

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: **Run 5-1/2" Casing** ☒

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

6/10/01 -

6/11/01: Run 109 jts. 5-1/2", 15.5#, J-55, ITC 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). Pump 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 Geologist 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

**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>30-025-35555</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>614</b>
9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>

<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	
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>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. (NMCD 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 DATE JUN 13 2001  
CONDITIONS OF APPROVAL, IF ANY:



Submittal 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

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-34788
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease	

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 <input type="checkbox"/>	7. Lease Name or Unit Agreement Name NEW MEXICO EA STATE			
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RES. <input type="checkbox"/> OTHER <input type="checkbox"/>				
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.	8. Well No. 1			
3. Address of Operator 205 E. Bender, HOBBS, NM 88240	9. Pool Name or Wildcat Hobbs Upper BLINEBRY			
4. Well Location Unit Letter A 410 Feet From The NORTH Line and 610 Feet From The EAST Line Section 24 Township 18S Range 37E NMPM LEA COUNTY				
10. Date Spudded 12/29/99	11. Date T.D. Reached 1/29/00	12. Date Compl. (Ready to Prod.) 2/15/00	13. Elevations (DF & RKB, RT, GR, etc.) 3672'	14. Elev. Csghead
15. Total Depth 8650'	16. Plug Back T.D. 7625'	17. If Mult. Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 6068-6094 Hobbs Upper BLINEBRY				20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run CBL/NGT/NEUTRON DENSITY/FMI LOG				22. Was Well Cored YES

CASING RECORD (Report all Strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
11 3/4"	42#	415'	14 3/4"	290 SX CL C	
8 5/8"	36#	5072'	11"	570 SX CL H	
5 1/2"	17#	8650'	7 7/8"	1820 SX	

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

26. Perforation record (interval, size, and number) 6714-7048 DRINKARD & 6068-6498 BLINEBRY (Sgd)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 6714-7048 8510 GALS 15% HCL 6068-6498 SQZ-157 SX
--	--

28. PRODUCTION							
Date First Production 4/30/00	Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING 1 3/4"X24"					Well Status (Prod. or Shut-in) PROD	
Date of Test 5-21-00	Hours tested 24 HRS	Choke Size	Prod'n For Test Period	Oil - Bbl. 20	Gas - MCF 74	Water - Bbl. 119	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.)  
SOLD

30. List Attachments  
SURVEY, DEVIATIONS

31. I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief.  
SIGNATURE *J. Denise Leake* TITLE Engineering Assistant  
TYPE OR PRINT NAME J. Denise Leake  
DATE 8-15-00  
Telephone No 397-0405

Submit 3 copies  
to Appropriate  
District Office

State of New Mexico

Geology, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-34788

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  
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  
TEXACO EXPLORATION & PRODUCTION INC.

3. Address of Operator  
205 E. Bender, HOBBS, NM 88240

4. Well Location  
Unit Letter A 41C Feet From The NORTH Line and 610 Feet From The EAST Line  
Section 24 Township 18S Range 37E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3672'

7. Lease Name or Unit Agreement Name  
NEW MEXICO EA STATE

8. Well No  
1

9. Pool Name or Wildcat  
WILDCAT DEVONIAN

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 OPERATION <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: <input type="checkbox"/>	SPUD & SURFACE CSG <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.

12-29-99/12-30-99: MIRU NORTON RIG #411. SPUD WELL @ 2:45 AM, 12/29/99. DRILL TO 105'. DRILLING @ 109'. DRILL TO 114, 140', 415. RU CSG CREW & RUN 10 JTS 11 3/4" 42# H-40 CSG SET @ 415'. FC @ 369'. CENTRALIZED BTM 3 JTS & 7TH JT, FOR TOTAL OF 4 CENTRALIZERS. CIRC CSG. CEMENTED 11 3/4" SURF CSG W/290 SX CL C & 2% S1 & 2% D20 MIXED @ 14.2 PPG, YIELD 1.5 DISPL W/45 BFW. BUMPED PLUG @ 10:20 PM 12/29/99 TO 750 PSI. CHECK FLOAT-HELD. GOOD CIRC. CIRC 6 BBLS OR 22 SX CMT TO SURF. WOC 3.25 HRS. CUT OFF CSG & WELD ON BRADENHEAD. TEST TO 300 PSI-HELD. NUBOP.

CSG/CMT REPORT ATTACHED.

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

SIGNATURE J. Denise Leake TITLE Engineering Assistant

DATE 12/31/99

TYPE OR PRINT NAME J. Denise Leake

Telephone No 397-0405

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL IF ANY:

TITLE

DATE

DeSoto/Nichols 12-99 ver 1.0

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Box Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**O. CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-34788
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	NEW MEXICO EA STATE
8. Well No.	1
9. Pool Name or Wildcat	WILDCAT ABO/WILDCAT DRINKARD
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3672'

**SUNDY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO 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 <input type="checkbox"/>
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	15 SMITH ROAD, MIDLAND, TX 79705
4. Well Location	Unit Letter <u>A</u> : <u>410</u> Feet From The <u>NORTH</u> Line and <u>610</u> Feet From The <u>EAST</u> Line Section <u>24</u> Township <u>18S</u> Range <u>37E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3672'

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 OPERATION ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☒ HORIZONTAL COMPLETION

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.

11-08-01: PU 184 JTS 2 7/8" TBG. TAG UP @ 5995. DRILL 2-3' CMT & CIBP. 11-10-01: TIH TO 7612 W/TBG. MIRU WIRELINE TRUCK & PACK OFF. RUN #1 RIW & SET CIBP @ 6633. RUN #2 RIW & SET CMT RET @ 6001. TIH W/TBG & STINGER. TEST CSG TO 500 PSI. MIRU TO SQUEEZE PERFS BELOW C. RET 6504-6068. SPOT 30 BBLS CMT. SQZ CMT. LEAD CMT 100 SX CL H & TAIL IN W/100 SX CL H NEAT. SQZ A TOTAL OF 8.5 BBLS CMT BELOW RET. 11-11-01: TIH W/DC'S & TBG TO 6000. DRILL OUT CMT RET @ 6001 & 71' CMT. TIH TO PBTD @ 6633 (CIBP). PRESS TEST SQZ TO 500 PSI.

11-14-01: MIRU KEY ENERGY RIG #118. 11-15-01: TIH W/MILLS & PU DP. TAG @ 6633. (MAKE 4' CORRECTION BY SLM) TO 6629. TIH W/WHIPSTOCK. RUN GYRO. COULD NOT SET WHIPSTOCK. TRIED TO SET 1' TO 10' ABOVE CIBP. SHEAR OFF. FISH WHIPSTOCK. 11-16-01: RAN BIT & CSG SCRAPER TO 6629. SET WHIPSTOCK @ 152.4 AZ. MILL 6620-6629, 6646, 6678, 6795, 6850, 6868, 6962, 6973, 7088, 7095, 7151, 7156, 7215, 7220, 7278, 7286, 7335, 7341, 7346, 7372, 7377, 7466, 7474, 7518, 7529, 7540, 7674 (11-20-01) FISH WHIPSTOCK. 11-21-01: TIH W/RBP & SET @ 6516. RIG RELEASED @ 1400 HRS 11-20-01.

11-27-01: MIRUSU. CHANGE OUT BOP STACK. UNLOAD, RACK & COLLAR 218 JTS 3 1/2" TBG TO BE RUN IN HOLE. 11-28-01: TIH PU 3 1/2" TBG. TIH W/204 JTS TBG TO 6404. 11-30-01: REL RBP @ 6516. LD RBP. TIH ON 3 1/2" FRAC STRING. SHUT DOWN @ 6579. SN @ 6584, PKR @ 6570. 12-01-01: SET PKR & INSTL TREE ON TOP OF BOP. ACIDIZE W/2000 GALS WF 130, 40,000 GALS 20% HCL, 3000 GALS WF 130. FLOW TO TEST TANK. 12-08-01: PU 2 7/8" TBG & PKR. PKR SET @ 6562. XO @ 6558, SN @ 6557. SET PKR W/10K LBS IN COMPRESSION. INSTL WH. RDPU.

12-19-01: WELL SHUT IN. FINAL REPORT. PENDING FURTHER EVALUATION. (12-03-01: FLOWING TO FRAC TANK: 634 BO, NO GAS SALES, 69 BLW) CIBP/PBTD @ 6629. TOW @ 6620, BOW @ 6629.

\*\*\*\*\*HOLD CONFIDENTIAL FOR 90 DAYS\*\*\*\*\*

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

SIGNATURE J. Denise Leake TITLE Regulatory Specialist

DATE 1/21/02

TYPE OR PRINT NAME J. Denise Leake

Telephone No. 915-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL IF ANY:

TITLE

ORIGINAL SIGNED BY  
PAUL F. KAUTZ  
PETROLEUM ENGINEER

DATE

1/21/02

DeSoto/Nichols 12-83 ver 1.0

2A Hobbs Upper Blinberry

District I  
1625 N. French, 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

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

WELL API NO. 30-025-37101
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 type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>Injection Well</u>	7. Lease Name or Unit Agreement Name  North Hobbs G/SA Unit
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER	
2. Name of Operator Occidental Permian Limited Partnership	8. Well No. 637
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 <u>B</u> : <u>1268</u> Feet From The <u>North</u> Line and <u>1455</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. Date Spudded 4/25/05	11. Date T.D. Reached 5/9/05	12. Date Compl. (Ready to Prod.) 7/26/05	13. Elevations (DF & RKB, RT, GR, etc.) 3671' GR	14. Elev. Casinghead	
15. Total Depth 4434'	16. Plug Back T.D. 4388'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools 4434'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4149' - 4290'; Grayburg-San Andres					20. Was Directional Survey Made No
21. Type Electric and Other Logs Run TDLD-CN/SGR; Micro-CFL/SGR; BCST-SGR; HNGRS; RFGR					22. Was Well Cored Yes

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16	Conductor	40	26	100 sx.	
8-5/8	24	1507	12-1/4	750 sx.	
5-1/2	15.5	4432	7-7/8	950 sx.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4110'	4116'

26. Perforation record (interval, size, and number) 4149' - 4290' (2 SPF. 94 holes) 4234', 4239', & 4245' (1 SPF. 3 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SOLIDS, ETC. DEPTH INTERVAL 4149' - 4245' AMOUNT AND KIND MATERIAL USED 2400 Gal. 15% NEFE HCL
--	--

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) SI - pending tie-in to flowline	
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.) N/A	Test Witnessed By
---	-------------------

30. List Attachments Logs (5 ea.); Deviation Report; Copy of Injection Permit
--

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 8/8/05

Submit 3 Copies To Appropriate District

Office

District I

1625 N. French Dr., Hobbs, NM 87240

District II

1301 W. Grand Ave., 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 and Natural Resources

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

Form C-103

May 27, 2004

WELL API NO.

30-025-37101

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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

8. Well Number

637

9. OGRID Number

157984

10. 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 B : 1268 feet from the North line and 1455 feet from the East line

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

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3671' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Run 5-1/2" Production Casing ☒

13. 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.

See Attachment

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 5/12/05

Type or print name Mark Stephens

E-mail address: Mark\_Stephens@oxy.com

Telephone No. (713) 366-5158

For State Use Only

ORIGINAL SIGNED BY

PAUL F. KAUTZ

APPROVED BY \_\_\_\_\_ TITLE PETROLEUM ENGINEER DATE MAY 23 2005

Conditions of Approval, if any:

5/11/05 -

5/12/05: Run 108 jts. 5-1/2", 15.5#, J-55, LT&C casing with 10 centralizers and set at 4432'. Cement first stage with 250 sx. Premium Plus. Plug down, open DV tool, and circulate 126 sx. to surface. Circulate 4 hours between stages. Cement second stage with 600 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Plug down and circulate 147 sx. to surface. Set slips x cut off casing x rig down.

Release drilling rig at 2:00 a.m., 5/12/05

Submit 3 Copies To Appropriate District

Office

District I

1625 N. French Dr., Hobbs, NM 87240

District II

1301 W. Grand Ave., 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 and Natural Resources

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

Form C-103

May 27, 2004

WELL API NO.

30-025-37101

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

North Hobbs G/SA Unit

8. Well Number

637

9. OGRID Number

157984

10. 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 B : 1268 feet from the North line and 1455 feet from the East line

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

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3671' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Spud & Run Surface Casing ☒

13. 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.

See Attachment

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 5/3/05

Type or print name Mark Stephens

E-mail address: Mark\_Stephens@oxy.com

Telephone No. (713) 366-5158

For State Use Only

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

Conditions of Approval, if any:



4/28/05: MI x RU. Spud 12-1/4" hole at 3:15 p.m. (NMOCD notified)

4/29/05 -

4/30/05: Run 35 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1507'.  
RU Halliburton x cement with 450 sx. PBCZ lead and 300 sx. Premium Plus tail.  
Displace with 10 bbls FW x 81 bbls brine and circulate 160 sx. cement to surface. .  
WOC 4 hrs. Cut off casing x weld on wellhead. NU BOPs. Test blind rams and casing  
to 1500 psi. Test pipe rams, annular, and choke manifold to 1500 psi. Drill out  
cement and resume drilling operations.

State Lease - 6 copies  
Fee Lease - 5 copies

Energy, Minerals and Natural Resources Department

Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-35953

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil / Gas Lease

7. Lease Name or Unit Agreement Name

NEW MEXICO 'EA' STATE

8. Well No.

2

9. Pool Name or Wildcat

WILDCAT TUBB/DRINKARD/ABO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RES ☐ OTHER ☐

2. Name of Operator

CHEVRON USA INC

3. Address of Operator

15 SMITH ROAD, MIDLAND, TX 79705

4. Well Location

Unit Letter BAL 999/N 1727/2  
Unit Letter B 330 Feet From The NORTH Line and 1733 Feet From The EAST Line  
Section 24 Township 19-S Range 37-E NMPM LEA COUNTY

10. Date Spudded

8/22/2002

11. Date T.D. Reached

9/11/2002

12. Date Compl. (Ready to Prod.)

9/17/2002

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

3685'

14. Elev. Caghead

15. Total Depth

7744'

16. Plug Back T.D.

17. If Mult. Compl. How Many Zones?

18. Intervals

Rotary Tools

Cable Tools

Drilled By

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

OPEN HOLE 6524-7500' TUBB, DRINKARD, ABO

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

SIM LD-CNL-HRLA-BHC, SONIC-GR, NGT

22. Was Well Cored

NO

23.

CASING RECORD (Report all Strings set in well)

CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
11 3/4"	42#	432'	14 3/4"	300	
8 5/8"	32#	2858'	11"	970	
5 1/2"	17#	5600'	7 7/8"	1310	

24.

LINER RECORD

25.

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	6600'	

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

O.H. 6524'-7500'

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

6524-7500'

ACIDIZE W/40,000 GALS 20% HCL

28.

PRODUCTION

Date First Production

9/20/2002

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

FLOWING

Well Status (Prod. or Shut-in)

PROD

Date of Test

9-20-02

Hours tested

24 HRS

Choke Size

Prod'n For

Test Period

Oil - Bbl.

50

Gas - MCF

358

Water - Bbl.

30

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-

Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API (Comp)

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

SOLD

Test Witnessed By

30. List Attachments

NOTARIZED DEVIATIONS

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

SIGNATURE

*Denise Leake*

TITLE Regulatory Specialist

DATE

10/7/2002

TYPE OR PRINT NAME

Denise Leake

Telephone No

915-687-7375

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Box Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-35953
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	NEW MEXICO 'EA' STATE
8. Well No.	2
9. Pool Name or Wildcat	WILDCAT TUBB, DRINKARD, ABO

**SUNDY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO 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 <input type="checkbox"/>
2. Name of Operator	CHEVRON USA INC
3. Address of Operator	15 SMITH ROAD, MIDLAND, TX 79705
4. Well Location	Unit Letter <u>B</u> : <u>330'</u> Feet From The <u>NORTH</u> Line and <u>1733'</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.) <u>3685'</u>

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 OPERATION ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☒ NEW WELL - SET 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.

8-22-02: SPUD 11 3/4" HLE @ 07:30 AM 8-22-02. DRILL 0-430. RAN 10 JTS 11 3/4" 42# H-40 CSG. RAN 432'. SET @ 415.  
8-23-02: RAN TEMP SRUVEY. TOC @ 111'. CMT BACKSIDE THROUGH 1' PIPE W/300 SX CL C NEAT W/2% S-1, MIXED @ 14.8 PPG. NO CMT TO SURF. PMP 40 SX CL C NEAT @ 14.8 PPG. CMT TO SURF. CUT OFF CSG. WELD ON STARTING HEAD & TEST TO 550 PSIG.  
8-24-02: TAG CMT @ 385. DRILL 385-410, 432, 800, 926, 1078, 1180, 1530, 1879, 2230, 2578, 2750, 2858.  
8-26-02: RAN 65 JTS 8 5/8" 32# K-55 LT&C CSG. RAN 2882'. SET @ 2858'. 2841' LEFT IN HLE. CMT W/720 SX 35/65 POZ H W/6% GEL, 5% SALT, & 1/4# FLOCELE. MIXED @ 12.8 PPG. FOLLOWED BY 250 SX CL H NEAT. MIXED @ 15.6 PPG. PLUG DOWN @ 18:30 PM 8-26-02. CIRC 140 SX TO PIT. BUMP PLUG.  
8-27-02: INSTL NEW DRLG LINE. DRLG FC @ 2818 & 40' CMT FS @ 2858. DRLG 2859-3050, 3220, 3241, 3398, 3431, 3590, 3733, 3876, 4162, 4432, 4449, 4499, 4698, 4856, 5156, 5256, 5513, 5564, 5676, 5763, 5922, 5951, 6055, 6179, 6302, 6457, 6565, 6600. RUN FLOAT SHOE, 1 JT 17# J-55 5 1/2" CSG, FLOAT COLLAR & 145 JTS 5 1/2" 17# J-55 CSG. RAN 6600' & SET @ 6583'. CMT W/1020 SX 35/65 POZ H, W/6% GEL, 5% SALT, 1/4# PS FLOCELE, MIXED @ 12.2 PPG. FOLLOWED BY 290 SX 50/50 POZ H W/2% GEL, 5% SALT, 1/4# FLOCELE, MIXED @ 14.2 PPG. PLUG DOWN @ 22:00 PM 9-04-02. CIRC 90 SX TO PIT.  
9-05-02: INSTL TBG HEAD. INSTL NEW HCR VALVE. 9-06-02: TIH W/DP. TAG CMT @ 6541. DRILL 6600-6610, 6640. RUN GYRO. 9-07-02: TIH W/69 STANDS. DRILL 6640-6850, 6953, 7056, 7068, 7117, 7167, 7180, 7201, 7240, 7258, 7305, 7310, 7322, 7368, 7383, 7431, 7442, 7586, 7597, 7620, 7683, 7693, 7744' TD (9-11-02) RUN SIM LD-CNL-HRLA-BHC SONIC-GR FR 7749-6589. RUN BHC SONIC-NGT FR 7749-6589' BOC.  
9-12-02: TIH W/RBP & SET @ 6485. JET & CLEAN PITS. 9-13-02: RELEASE RIG @ 0300 HRS.

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

SIGNATURE Denise Leake TITLE Regulatory Specialist

DATE 9/18/2002

TYPE OR PRINT NAME Denise Leake

Telephone No. 915-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ORIGINAL SIGNED BY  
PAUL F. KAUTZ  
PETROLEUM ENGINEER

DATE

NOV - 1 2002

OilService/Norms 12-93 ver 1.0

to Appropriate  
District Office

Energy, Minerals and Natural Resources Department

Revised 1-1-89

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Box Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**O. CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-35953

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil / Gas Lease No.

7. Lease Name or Unit Agreement Name

NEW MEXICO 'EA' STATE

8. Well No.

2

9. Pool Name or Wildcat

WILDCAT TUBB, DRINKARD, ABO

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

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator  
CHEVRON USA INC

3. Address of Operator  
15 SMITH ROAD, MIDLAND, TX 79705

4. Well Location

Unit Letter B 330' Feet From The NORTH Line and 1733' 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.) 3685'

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 ☐REMEDIAL WORK ☐ALTERING CASING ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐COMMENCE DRILLING OPERATION ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CASING TEST AND CEMENT JOB ☐OTHER: ☐OTHER: ☒ NEW WELL - COMPLETION

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.

9-14-02: MIRU PU. TIH & TAG RBP @ 6485'. UNSET RBP & LET EQUAL. PUH TO 1022'. SET RBP TO SECURE WELL.

9-16-02: REL RBP. TIH W/BP. 2 7/8" TBG W/PORTED SUBS TO BE @ 7580, 7432, 7092, 6904, 6840, 6748. SET PKR @ 6500. NU FRAC TREE.

9-17-02: ACIDIZE TUBB/DRINKARD/ABO W/40,000 GALS 20% HCL

9-18-02: WELL FLOWING FR 1930 ON 17TH UNTIL 0600 ON THE 18TH.

9-19-02: FLOWING.

9-20-02: KNOCK DOWN FLOW BACK LINES. REL PKR. TIH W/M" PKR. ON-OFF TOOL. WL REENTRY GUIDE. SET PKR @ 6500. GET OFF PKR. PUMP PKR FLUID DN BACKSIDE. GET ON PKR. LOAD & TEST TO 500#. NU PROD FLOW TREE. TIE IN & TEST FLOW LINE TO 500#. OPEN WELL. START FLOW TEST TO PROD BATT. FINAL REPORT.

ON 24 HR OPT. FLOWING 50 BO, 658 MCF, & 30 BW.

**ADMINISTRATIVE ORDER DHC-3045**

WILDCAT TUBB POOL	OIL	1	GAS	7	WATER	10
WILDCAT DRINKARD POOL	OIL	14	GAS	618	WATER	10
WILDCAT ABO POOL	OIL	35	GAS	33	WATER	10

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

SIGNATURE Denise Leake TITLE Regulatory Specialist

DATE 10/7/2002

TYPE OR PRINT NAME Denise Leake

Telephone No. 915-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ORIGINAL SIGNED BY  
PAUL F. KAUTZ  
PETROLEUM ENGINEER

DATE

NOV - 1 2002

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

API #30-025-29255

3a. Indicate Type of Lease

State ☐

Fee ☒

5. 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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name N. HOBBS (G/SA) UNIT
2. Name of Operator SHELL WESTERN E&P INC.	8. Farm or Lease Name SECTION 13
3. Address of Operator P. O. BOX 576, HOUSTON, TEXAS 77001	9. Well No. 342
4. Location of Well UNIT LETTER 0 1200 FEET FROM THE SOUTH LINE AND 2500 FEET FROM THE EAST LINE, SECTION 13 TOWNSHIP 18-S RANGE 37-E N.M.P.M.	10. Field and Pool, or Wildcat HOBBS (G/SA)
15. Elevation (Show whether DF, RT, CR, etc.) 3673.5' GL	12. County LEA

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data.  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPERATIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

SHELL WESTERN E&P INC. HEREBY REQUESTS THAT THE PERMIT TO DRILL (APPROVED MAY 9, 1985) BE NULLIFIED AS WE HAVE CANCELLED ALL PROPOSED DRILLING ACTIVITIES FOR THIS WELL. THE INABILITY TO SECURE A DRILLING CLEARANCE WITH THE SURFACE OWNER HAS NECESSITATED THIS REQUEST.

NOTE: NSL ORDER #R-7628.

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

SIGNED <u>A. J. Fore</u>	A. J. FORE	TITLE SUPERVISOR REG. & PERMITTING	DATE AUGUST 7, 1985
APPROVED BY <u>EDDIE SEAY</u>	ORIGINAL SIGNED BY EDDIE SEAY	TITLE OIL & GAS INSPECTOR	DATE AUG 12 1985
CONDITIONS OF APPROVAL, IF ANY:			

30-025-29255

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

C.I.L. CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED	
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FILE	
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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEE ☒  
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
DEEPEN ☐ PLUG BACK ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐  
2. Name of Operator  
SHELL WESTERN E&P INC.  
3. Address of Operator  
P. O. BOX 991, HOUSTON, TEXAS 77001  
4. Location of Well  
UNIT LETTER 0 LOCATED 1200 FEET FROM THE SOUTH LINE  
AND 2500 FEET FROM THE EAST LINE OF SEC. 13 TWP. 18-S R. 37-E N.M.P.M.  
7. Unit Agreement Name  
N. HOBBS (G/SA) UNIT  
8. Farm or Lease Name  
SECTION 13  
9. Well No.  
342  
10. Field and Pool, or Wildcat  
HOBBS (G/SA)  
12. County  
LEA  
19. Proposed Depth  
4370'  
19A. Formation  
GRAYBURG/  
SAN ANDRES  
20. Rotary or C.T.  
ROTARY  
21. Elevations (Show whether D.F., K.T., etc.)  
3673.5' GL  
21A. Kind & Status Plug. Bond  
BLANKET  
21B. Drilling Contractor  
TRG DRILLING CO.  
22. Approx. Date Work will start  
JUNE 3, 1985

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	CONDUCTOR	40'	REDIMIX	SURFACE
12-1/4"	9-5/8"	36#	1500'	510	SURFACE
8-3/4"	7"	20#	4370'	580	SURFACE

BOP PROGRAM: 3000# ram preventer.  
NOTE: NSL Order # R-7628.

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROD. ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

By A. J. Fore A. J. FORE Title SUPERVISOR REG. & PERMITTING Date MAY 3, 1985

(This space for State Use)  
Eddie W. Seay

PROVED BY Oil & Gas Inspector TITLE DATE MAY 9 1985

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

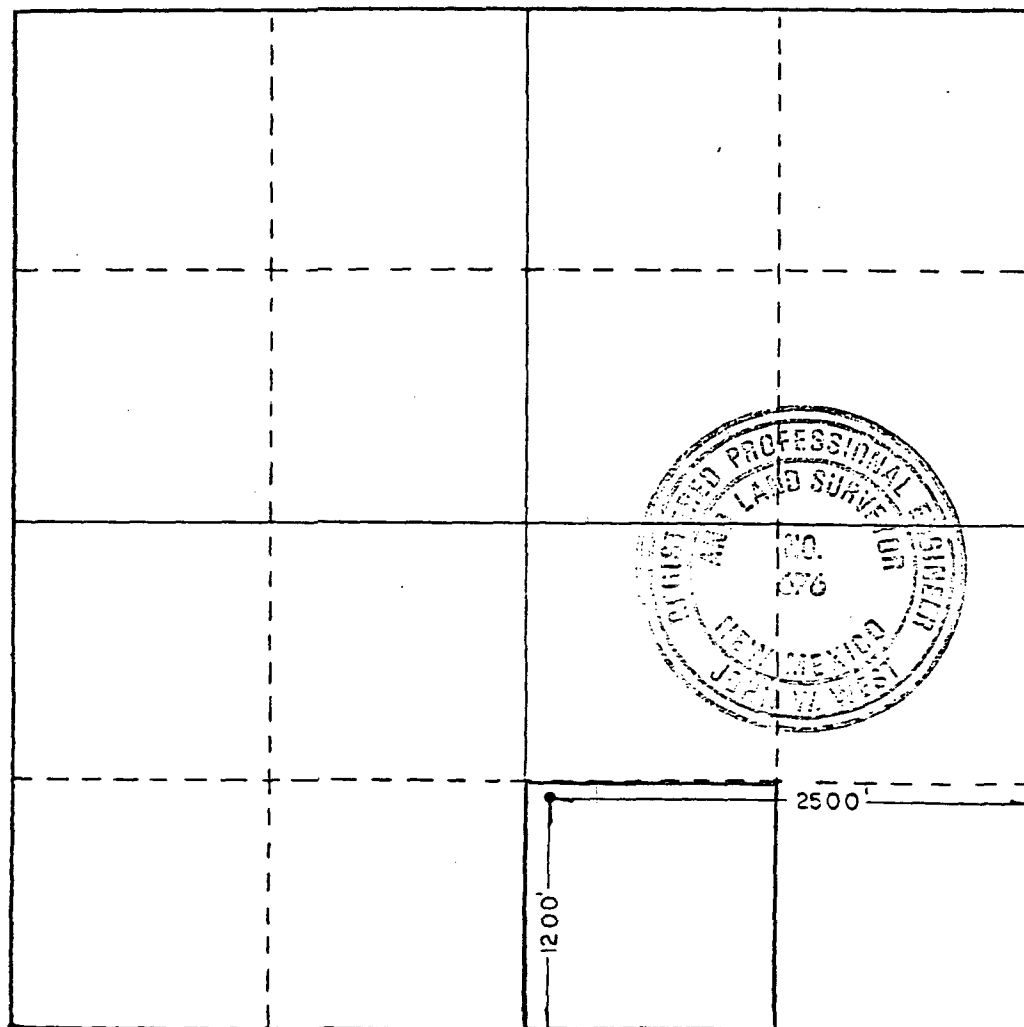
Operator SHELL WESTERN E. & P., INC.			Lease NORTH HOBBS UNIT SECTION 13		Well No. 342
Unit Letter 0	Section 13	Township 18S	Range 37E	County LEA	
Actual Footage Location of Well: 1200 feet from the SOUTH line and 2500 feet from the EAST line					
Ground Level Elev. 3673.5	Producing Formation GRAYBURG/SAN ANDRES		Pool HOBBS (GRAYBURG/SAN ANDRES)	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation UNITIZATION

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name  
*A. J. Fore* A. J. FORE  
Position  
SUPERVISOR REG. & PERMITTING  
Company  
SHELL WESTERN E&P INC.  
Date  
MAY 3, 1985

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 knowledge and belief.

Date Surveyed  
5/10/84

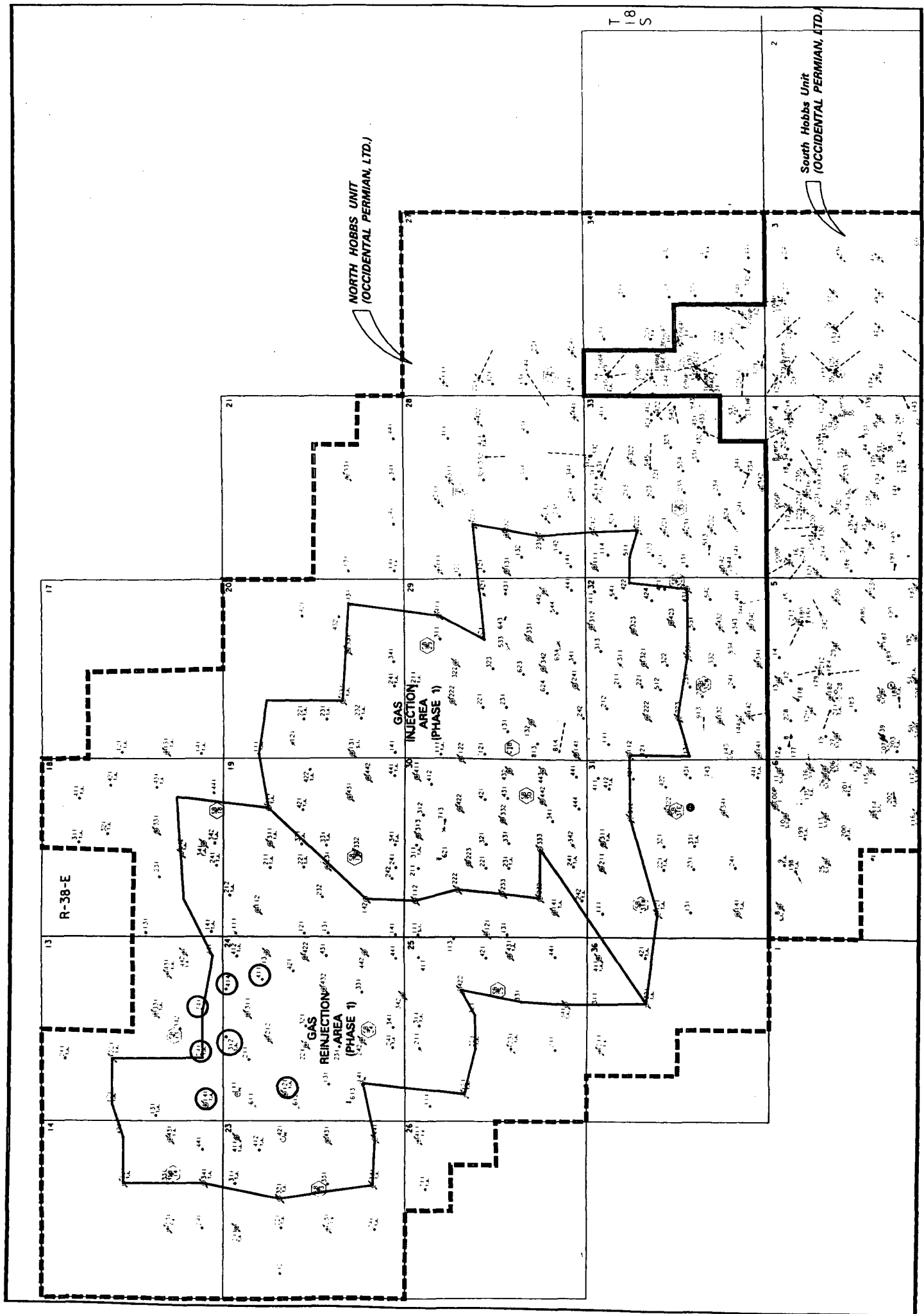
Registered Professional Engineer  
and/or Land Surveyor

*John W. West*  
Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239





Exhibit 2.0 - Well No. 312 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. 312  
API No. 30-025-29130  
Letter B, 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

ChevronTexaco  
15 Smith Road  
Midland, TX 79705

### **Surface Owners**

---

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

**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

ChevronTexaco  
15 Smith Road  
Midland, TX 79705

2. Article Number  
(Transfer from service label)

7004 1160 0007 0743 4521

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

☐ Yes**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

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

2. Article Number  
(Transfer from service label)

7004 1160 0007 0743 4538

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

☐ Yes

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

October 22 2005

and ending with the issue dated

October 22 2005

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 24th day of

October 2005

[Signature]  
Notary Public.

My Commission expires  
February 07, 2009  
(Seal)



OFFICIAL SEAL  
DORA MONTZ  
NOTARY PUBLIC  
STATE OF NEW MEXICO

My Commission Expires: \_\_\_\_\_

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

LEGAL NOTICE  
October 22, 2005

Notice is hereby given of the application of Occidental Per-  
mian 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 Mex-  
ico Energy, Minerals and Natural Resources Department,  
for approval of the following injection wells for the purpose  
of tertiary recovery:

Pool Name: Hobbs; Grayburg - San Andres  
Lease/Unit Name: North Hobbs G/SA Unit  
Well No. 111

Loc: 330' FNL & 990' FWL, Unit Letter D, Sec. 24, T-18-S,  
R-37-E, Lea Co., NM

Pool Name: Hobbs; Grayburg - San Andres  
Lease/Unit Name: North Hobbs G/SA Unit  
Well No. 312

Loc: 10' FNL & 2630' FEL, Unit Letter B, Sec. 24, T-18-S,  
R-37-E, Lea Co., NM

The injection formation is the Hobbs; Grayburg - San An-  
dres Pool between the intervals of +/-3680' and +/-5300'  
below the surface of the ground. Expected maximum injec-  
tion rate is 9000 B/D (water)/15,000 MCF/D (CO2 & pro-  
duced gas), and the expected maximum injection pressure  
is approximately 1100 psi (water)/1250 psi (CO2)/1770 psi  
(CO2 & produced gas). Interested parties must file objec-  
tions or requests for hearing with the Oil Conservation Divi-  
sion, 1220 S. St. Francis Dr., Santa Fe, NM 87504 within fif-  
teen (15) days.  
#21872

02101173000

67534023

OCCIDENTAL PERMIAN LIMITED  
P. O. BOX 4294  
HOUSTON, TX 77210-4294