

DATE IN 5/22/03	SUBMITTER 6/6/03	ENGINEER WVS	LOGGED IN KW	TYPE PMX	PR NO PRRY0314335461
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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.

Mark Stephens
Print or Type Name

Mark Stephens
Signature

Reg. Comp. Analyst
Title

5/21/03
Date

Mark_Stephens@oxy.com
e-mail Address



Occidental Permian Limited Partnership

Houston Office
P.O. Box 4294
Houston, TX 77210-4294
(281) 552-1000

May 21, 2003

State of New Mexico
Energy, Minerals & Natural Resources Department
Oil Conservation Division
Attn: Mr. William V. Jones, P.E.
1220 S. St. Francis Dr.
Santa Fe, NM 87504

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. 536 (API No. 30-025-36286)
Letter O, Section 30, T-18-S, R-38-E
Lea County, NM

Dear Mr. Jones:

Occidental Permian Limited Partnership respectfully requests administrative approval for expansion of the subject pressure maintenance project by the drilling and completion of the subject well as a new injection well (injectants, injection rates, and injection pressures are shown on Exhibit 1).

Submitted in support of our request is the following documentation:

- Administrative Application Checklist
- OCD Form C-108
- Copy of BLM-approved Form 3160-3
- An Injection Well Data Sheet
- OCD Form C-102
- A map reflecting the location of the subject well. The map identifies all wells located within a two-mile radius of Well No. 536 and has a one-half mile radius circle drawn around the well which identifies the well's Area of Review



Occidental Permian Limited Partnership

Houston Office
P.O. Box 4294
Houston, TX 77210-4294
(281) 552-1000

- Exhibit 2 (showing nearby wells which have previously been approved for similar injectants/rates in accordance with Order No. R-6199-B)
- A statement describing any changes in status or construction of any well penetrating the injection interval within the subject well's ½-mile Area of Review (Exhibit 3)
- 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 require additional information, please call me at (281) 552-1158.

Very truly yours,

Mark Stephens

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

Bureau of Land Management
Roswell District Office
2909 West Second Street
Roswell, NM 88201

Offset Operators (see attached list)

Surface Owners (see attached list)

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery x Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? x Yes No
- II. OPERATOR: Occidental Permian Limited Partnership
ADDRESS: P.O. Box 4294 Houston, TX 77210-4294
CONTACT PARTY: Mark Stephens, Rm. 338-B, WL2 PHONE: (281) 552-1158
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? x Yes No
If yes, give the Division order number authorizing the project: R-6199-B (10/22/01)
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Mark Stephens TITLE: Reg. Comp. Analyst
SIGNATURE: MARK STEPHENS DATE: May 21, 2003
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Hearing September 6, 2001; Case No. 12722, Order No. R-6199-B effective October 22, 2001

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

EXHIBIT 1

North Hobbs (Grayburg/San Andres) Unit

Well No. 536

641' FSL & 2419' FEL, Letter O, Section 30, T-18-S, R-38-E (SHL)

486' FSL & 2573' FEL, Letter O, Section 30, T-18-S, R-38-E (BHL)

Lea County, New Mexico

Produced Water

Maximum Injection Rate	9000 BWPD*
Average Injection Rate	N/A
Maximum Surface Injection Pressure	1100 PSI* (will not exceed 2400 psi bottom hole pressure)
Average Surface Injection Pressure	N/A

(* In accordance with Order No. R-6199-B, effective 10/22/01)

CO2 & Produced Gas

Maximum Injection Rate	15,000 MCFGPD*
Average Injection Rate	N/A
Maximum Surface Injection Pressure	CO2 – 1250 PSI* (will not exceed 2400 psi bottom hole pressure) CO2 w/produced gas – 1770 PSI* (will not exceed 2400 psi bottom hole pressure)
Average Surface Injection Pressure	N/A

(* In accordance with Order No. R-6199-B, effective 10/22/01)

Source Water - San Andres produced water

Injection Interval: Approximately 4000' to TD (4415')

Next higher oil zone - Byers (Queen) @ +/- 3680'

Next lower oil zone - Glorieta @ +/- 5300'

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. LC-032233(A)	
1b. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Occidental Permian Limited Partnership		7. Unit or CA Agreement Name and No.	
3a. Address P.O. Box 4294, Houston, TX 77210-4294		8. Lease Name and Well No. North Hobbs G/SA Unit No. 536	
3b. Phone No. (include area code) (281) 552-1158		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 641' FSL & 2419' FEL At proposed prod. zone 486' FSL & 2573' FEL		10. Field and Pool, or Exploratory Hobbs; Grayburg - San Andres	
14. Distance in miles and direction from nearest town or post office* 3.5 miles Northwest from Hobbs, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 30, T-18-S, R-38-E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 5911' FSL		12. County or Parish Lea	
16. No. of Acres in lease 10,649.53		13. State NM	
17. Spacing Unit dedicated to this well 40 acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 217'		19. Proposed Depth 4600' TVD	
20. BLM/BIA Bond No. on file NM2797			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3651' GL		22. Approximate date work will start* 5/24/03	
		23. Estimated duration 11 days	

24. Attachments **Lea County Controlled Water Basin**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mark Stephens</i>	Name (Printed/Typed) Mark Stephens	Date 4/21/03
Title Regulatory Compliance Analyst		
Approved by (Signature) <i>Leslie A. Theiss</i>	Name (Printed/Typed) /s/ LESLIE A. THEISS	Date MAY 12 2003
Title FIELD MANAGER		
Office CARLSBAD FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

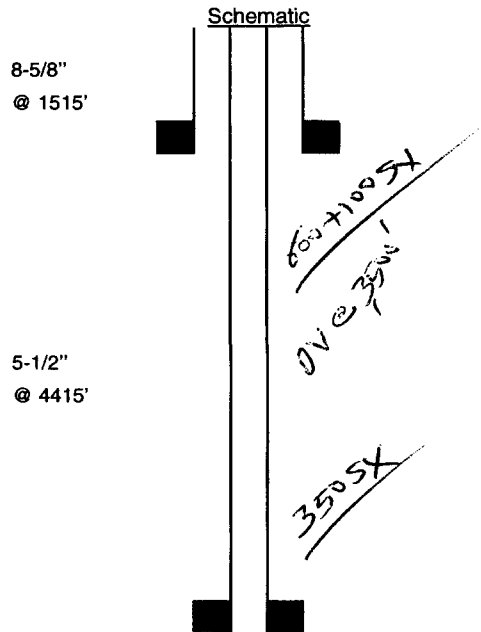
*(Instructions on Reverse)

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

**SUBJECT TO LIKE APPROVAL BY STATE
(DIRECTIONAL HOLE)**

INJECTION WELL DATA SHEET

Operator Occidental Permian Limited Partnership		Lease North Hobbs G/SA Unit		County Lea	
Well No. 30-536	Footage Location 641' FSL & 2419' FEL (SHL)	Section 30	Township 18-S	Range 38-E	Unit Letter O



Tubular Data

Surface Casing
 Size 8-5/8" Cemented with 850 sxs.
 TOC Surface Determined by Circulated
 Hole size _____

Intermediate Casing
 Size _____ Cemented with _____ sxs.
 TOC _____ Determined by _____
 Hole size _____

Long string Casing
 Size 5-1/2" Cemented with 1050 sxs.
 TOC Surface Determined by Circulated
 Hole size _____

Liner
 Size _____ Cemented with _____ sxs.
 TOC _____ Determined by _____
 Hole size _____

Total depth 4415'

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 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? _____
- 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'

Flac No.					
Rig No.	Key 11			Date:	April 11, 2003
API #				County:	Lea, New Mexico
Lease:	North Hobbs G/SA Unit	Well No.	536	Field:	Hobbs
Location:	641' FSL & 2419' FEL, Let. O Sec. 30, T-18-S, R-38-E	Bottomhole Location:	486' FSL & 2573' FEL, Let. O, Sec. 30, T-18-S, R-38E		
OBJECTIVE:		Primary: San Andres Secondary:			
METHOD OF DRILLING			APPROXIMATE DEPTHS OF GEOLOGICAL MARKER		
TYPE OF TOOLS	DEPTH OF DRILLING		Est. Elev. @ GL: 3651' AMSL 3665' @ KE KB 14' AGL		
Rotary	Set Through - 4415 TVD RKB				
LOG PROGRAM			Depth Interval		
			Marker		
			Redbeds 265'		
			Rustler 1460'-1555'		
			Yates 2815'		
			Seven Rivers 3035'		
			Queen 3570'		
			Grayburg 3900'		
			San Andres 4020'		
REMARKS:					
NO MUD LOGGER					
			TOTAL DEPTH 4415' TVD		
SPECIAL TESTS			# Probable completion interval		
TYPE	DEPTH INTERVAL, ETC		DRILL CUTTING SAMPLES		
			FREQUENCY	DEPTH	DRILLING TIME
			NONE		FREQUENCY DEPTH
					Continuous 0' - TD
Remarks: Permit well to 4600' - Directional Hole			Surveys required every 500' in vertical hole.		
Mud Program					
Approx Interval	Type Mud	Weight	Vis, sec/qt	W/L, cc's/30 min	pH control
Surface	Fresh Water / Native Mud	8.6 - 9.5	32 - 36	No Control	None
Production	Brine Water	10 - 10.2	28 - 29	No Control	None
REMARKS:					
CASING PROGRAM:					
Casing String	Est. Depth	Casing	Hole Size	Cu. Ft. Cement	Landing Point
Surface	1515'	8.625", 24#, J-55, ST&C	12.25"		
Production	4415'	5.5", 15.5#, J-55, LT&C	7.875"		
Float Equipment: Surface float equipment - Guide Shoe - 1 shoe joint - Float Collar - 10 centralizers Production float equipment - Guide shoe - 1 shoe joint - Float Collar - DV Tool - ECP - 12 centralizers					
Remarks: Surface casing: Cement with 600 sx PBCZ (10.3 gal/sx water & 1.88 Yield) and 250 sx Premium Plus (6.3 gal/sx water & 1.32 yield) Production casing: Centralizers from 3400' to TD. DV Tool set at 3500'. Centralize DV tool on either side. ECP set @ 1400' or 100' inside surface casing. Cement first stage with with 350 sx Prem. Plus and second stage with 600 sx Interfill "C" lead and 100 sx Premium Plus tail cement. Add 25 lbs/sx flo-cele to cement on both stages to improve circulation to surface of cement.					
GENERAL REMARKS: Directional Hole. The 8-5/8" Bradenhead valves (BHO) are to be North - South					
Reviewed by			Logging program developed by:		
PREPARED BY: Blackwell/Lowery		APPROVED:		APPROVED:	

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 31920	Pool Name HOBBS: GRAYBURG - SAN ANDRES
Property Code 19520	Property Name NORTH HOBBS G/SA UNIT	Well Number 536
OGRID No. 157984	Operator Name OCCIDENTAL PERMIAN LIMITED PARTNERSHIP	Elevation 3651'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	30	18 S	38 E		641	SOUTH	2419	EAST	LEA

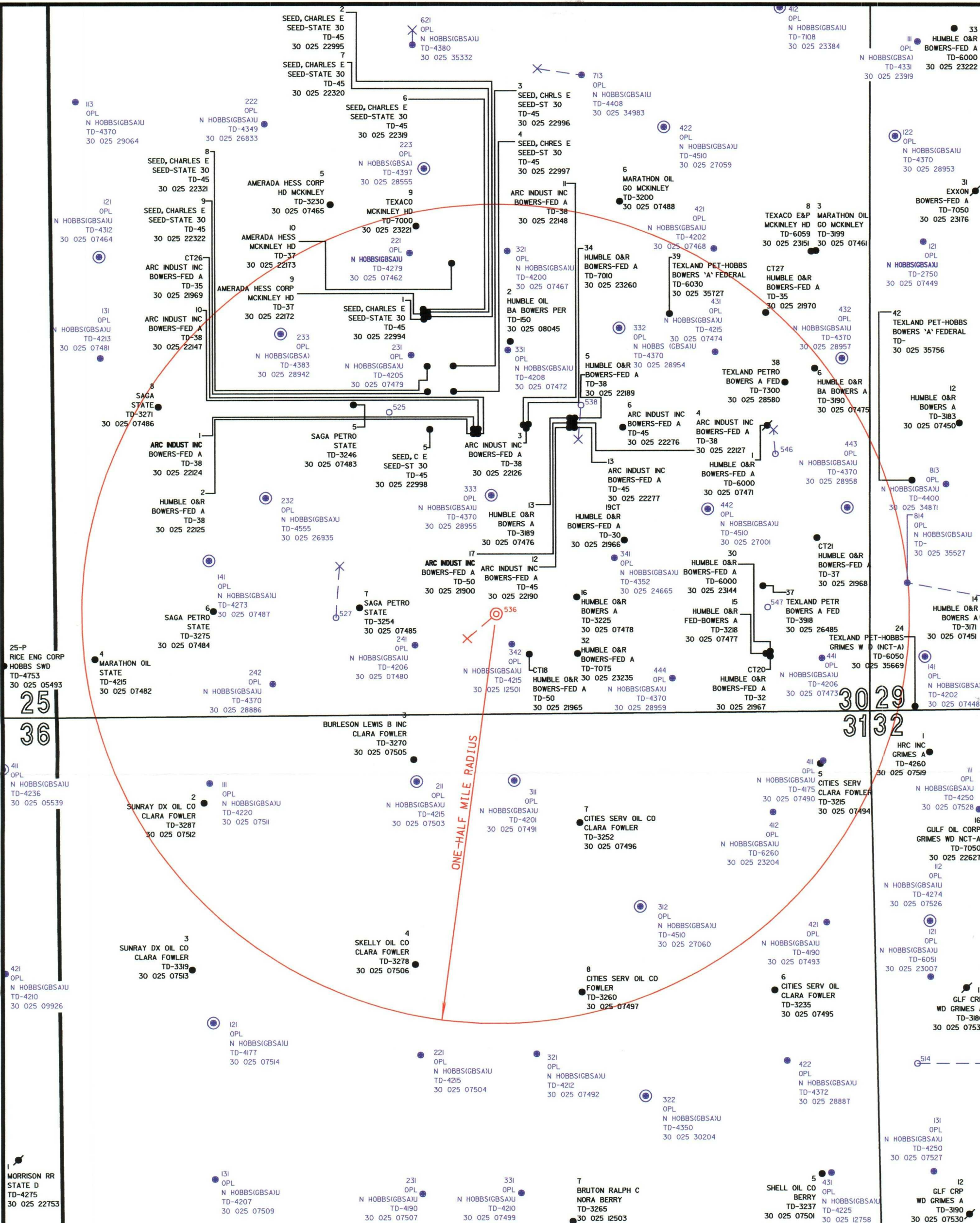
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	30	18 S	38 E		486	SOUTH	2573	EAST	LEA

Dedicated Acres 40	Joint or Infill I	Consolidation Code U	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LOT 2</p> <p>(TRUE BRG.) S43°41'W - 159' SURF. TO PROP. PENETRATION PT. (TRUE BRG.) S43°41'W - 217' SURF. TO PROP. BOTTOM HOLE LOC.</p> <p>37.85 AC.</p> <p>LOT 3</p> <p>DETAIL</p> <p>3651.7' 3650.0' 3650.0' 3648.6'</p> <p>PROPOSED SURFACE LOC. NAD 27 NM EAST ZONE N=624915.7 E=852709.3 LAT. = 32°42'45.89"N LONG. = 103°11'11.81"W</p> <p>37.67 AC.</p> <p>LO 4</p> <p>PROPOSED PENETRATION POINT @ 3944.8 TVD PROPOSED BOTTOM HOLE LOCATION @ 4414.8 TVD NAD 27 NM EAST ZONE N=624760.2 E=852557.7</p> <p>37.91 AC.</p> <p>LOT 1</p> <p>37.94 AC.</p> <p>SEE DETAIL</p> <p>2419' 2532' 2573'</p> <p>486' 527' 641'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Mark Stephens</u> Signature Mark Stephens Printed Name Reg. Comp. Analyst Title April 4, 2003 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 21, 2003</p> <p>Date Surveyed LA</p> <p>Signature & Seal of Professional Surveyor <u>Gary E. Eulson</u> 3/3/03 03.11.0061</p> <p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>
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NOTE:
WELL DATA DERIVED FROM THE PETROLEUM
INFORMATION - DATA MANAGEMENT SYSTEM,
WELL DATA SYSTEM PREPARED FOR
OCCIDENTAL PERMIAN LTD.

Area of Review Plat

NORTH HOBBS (GRAYBURG SAN ANDRES) UNIT

WELL NO. 30-536

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

Scale: 1"= 600' 04-22-2003 nm438_2003.dgn
Plat prepared by PJE Drafting, Inc.
For Horizon Survey, Inc.

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

Well Name & Number	API Number	Well Location	Injection Interval	Packer Depth
NHGBSAU No. 341 **	30-025-05446	660' FSL & 1980' FEL, Unit O, Section 13, T-18S, R-37E	4,000'-4,263'	3,900'
NHGBSAU No. 441 **	30-025-12732	330' FSL & 330' FEL, Unit P, Section 13, T-18S, R-37E	4,000'-4,258'	3,900'
NHGBSAU No. 232 **	30-025-29172	2501' FSL & 1410' FWL, Unit K, Section 19, T-18S, R-38E	4,000'-4,420'	3,900'
NHGBSAU No. 141 **	30-025-05485	1315' FSL & 1315' FWL, Unit M, Section 24, T-18S, R-37E	4,000'-4,270'	3,900'
NHGBSAU No. 331 **	30-025-05488	1320' FSL & 1325' FEL, Unit J, Section 24, T-18S, R-37E	4,000'-4,210'	3,900'
NHGBSAU No. 411 **	30-025-23522	990' FNL & 990' FEL, Unit A, Section 24, T-18S, R-37E	4,000'-4,283'	3,900'
NHGBSAU No. 414 **	30-025-28879	10' FNL & 1280' FEL, Unit A, Section 24, T-18S, R-37E	4,000'-4,370'	3,900'
NHGBSAU No. 431 **	30-025-05487	2310' FSL & 330' FEL, Unit I, Section 24, T-18S, R-37E	4,000'-4,300'	3,900'
NHGBSAU No. 411 **	30-025-05503	330' FNL & 330' FEL, Unit A, Section 25, T-18S, R-37E	4,000'-4,259'	3,900'
NHGBSAU No. 242	30-025-28413	100' FSL & 1400' FWL, Unit N, Section 29, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 321	30-025-07431	2310' FNL & 1650' FEL, Unit G, Section 29, T-18S, R-38E	4,000'-4,309'	3,900'
NHGBSAU No. 113 **	30-025-29064	1310' FNL & 195' FWL, Unit D, Section 30, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 312	30-025-29197	530' FNL & 1448' FEL, Unit B, Section 30, T-18S, R-38E	4,000'-4,431'	3,900'
NHGBSAU No. 331	30-025-07472	2335' FSL & 2310' FEL, Unit J, Section 30, T-18S, R-38E	4,000'-4,238'	3,900'
NHGBSAU No. 444	30-025-28959	215' FSL & 1255' FEL, Unit P, Section 30, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 131	30-025-07527	2310' FSL & 330' FWL, Unit L, Section 32, T-18S, R-38E	4,000'-4,250'	3,900'
NHGBSAU No. 422	30-025-29074	1385' FNL & 110' FEL, Unit H, Section 32, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 111	30-025-12505	330' FNL & 330' FWL, Unit D, Section 33, T-18S, R-38E	4,000'-4,237'	3,900'
NHGBSAU No. 141 **	30-025-05437	660' FSL & 660' FWL, Unit M, Section 13, T-18S, R-37E	4,000'-4,235'	3,900'
NHGBSAU No. 221 **	30-025-05439	1980' FNL & 1980' FWL, Unit F, Section 13, T-18S, R-37E	4,000'-4,160'	3,900'
NHGBSAU No. 321 **	30-025-05457	2310' FNL & 1650' FEL, Unit G, Section 14, T-18S, R-37E	4,000'-4,350'	3,900'
NHGBSAU No. 121 **	30-025-05502	1650' FNL & 990' FWL, Unit E, Section 25, T-18S, R-37E	4,000'-4,261'	3,900'
NHGBSAU No. 341 **	30-025-05497	660' FSL & 1650' FEL, Unit O, Section 25, T-18S, R-37E	4,000'-4,220'	3,900'
NHGBSAU No. 411	30-025-07454	990' FNL & 990' FEL, Unit A, Section 29, T-18S, R-38E	4,000'-4,335'	3,900'
NHGBSAU No. 321 **	30-025-05540	1650' FNL & 1650' FEL, Unit G, Section 36, T-18S, R-37E	4,000'-4,300'	3,900'
NHGBSAU No. 121 **	30-025-05440	1980' FNL & 660' FWL, Unit E, Section 13, T-18S, R-37E	4,000'-4,235'	3,900'
NHGBSAU No. 241 **	30-025-05436	660' FSL & 1980' FWL, Unit N, Section 13, T-18S, R-37E	4,000'-4,320'	3,900'
NHGBSAU No. 341 **	30-025-05450	660' FSL & 1650' FEL, Unit O, Section 14, T-18S, R-37E	4,000'-4,350'	3,900'
NHGBSAU No. 342 **	30-025-07342	330' FSL & 2310' FEL, Unit O, Section 18, T-18S, R-38E	4,000'-4,286'	3,900'
NHGBSAU No. 311 **	30-025-07369	1309' FNL & 2310' FEL, Unit B, Section 19, T-18S, R-38E	4,000'-4,296'	3,900'
NHGBSAU No. 411 **	30-025-07370	1300' FNL & 1300' FEL, Unit A, Section 19, T-18S, R-38E	4,000'-4,342'	3,900'
NHGBSAU No. 233	30-025-27214	1610' FSL & 1850' FWL, Unit K, Section 20, T-18S, R-38E	4,000'-4,510'	3,900'
NHGBSAU No. 321 **	30-025-05463	1650' FNL & 1650' FEL, Unit G, Section 23, T-18S, R-37E	4,000'-4,265'	3,900'
NHGBSAU No. 341 **	30-025-05475	990' FSL & 1650' FEL, Unit O, Section 23, T-18S, R-37E	4,000'-4,302'	3,900'
NHGBSAU No. 121 **	30-025-05476	1650' FNL & 990' FWL, Unit E, Section 24, T-18S, R-37E	4,000'-4,319'	3,900'
NHGBSAU No. 121 **	30-025-07514	1980' FNL & 990' FWL, Unit E, Section 31, T-18S, R-38E	4,000'-4,300'	3,900'

**** Denotes wells that are authorized to inject CO₂, water and produced gas.
All other wells are authorized to inject CO₂ and water only.**

Exhibit 3

Statement describing any changes in status or construction of any well penetrating the injection interval within the ½-mile radius Area of Review of North Hobbs Unit G/SA Unit Well No. 536

A review of the subject well's AOR shows that the following 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:

Bowers "A" Federal No. 39 (30-025-35727)
North Hobbs G/SA Unit No. 525 (30-025-36216)
North Hobbs G/SA Unit No. 547 (30-025-36242)
North Hobbs G/SA Unit No. 814 (30-025-35527)



The attached copies of sundry notices and/or completion reports for each well show that cement was circulated to surface off both casing strings thus affording adequate protection of the injection interval (approx. 4000' to 4415') of Oxy's North Hobbs G/SA Unit No. 536.

NOTE:

The following wells show to be within the subject well's ½-mile AOR, but have not yet been drilled (copies of approved Form C-101 or 3160-3 are attached):

North Hobbs G/SA Unit No. 527 (30-025-36247)
North Hobbs G/SA Unit No. 538 (API No. pending)
North Hobbs G/SA Unit No. 546 (API No. pending)

Mark Stephens 5/21/03

Mark Stephens
Regulatory Compliance Analyst
Occidental Permian Limited Partnership

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240
APPROVED
OMB No. 1004-0135
Expires November 30, 2000
5. Lease Serial No.
LC-852235-A

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Texland Petroleum-Hobbs, L.L.C.

3a. Address

777 Main Street, Ste. 3200

3b. Phone No. (include area code)

(817)336-2751

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2505 FSL & 1415 FE.: Sec.30,T18S,R38E, NMPM

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Bowers "A" Federal #39

9. API Well No.

30-025-35727

10. Field and Pool, or Exploratory Area

Hobbs: Upper Blinebry

11. County or Parish, State

Lea
New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/ Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other set production casing

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

TD 11/03/01 @ 6030'. 11/04/01 CSG. REPORT: Ran 119 jts. 5 1/2# J55 csg. & 16 jts. 17# J55 LTC set at 6025'.

CENTRALIZERS: 15 jts. 1,3,6,8,11,14,17,20,23,26,29,32,51,102,137. CMT REPORT: Cmt 1st stage w/400 sx. super H w/2 1/2# salt, 4/10% LAP-1. 3/10% CFR-3, 1/4# D-air-a, Mix 13.2 ppg 4.86 yield. Displace csg w/60 BFW & 83 BBI rig mud. PD at 15:30 hrs. on 11/3/01. Float held. Drop bomb open stage tool, circ. 75 sx. cmt off DV tool. Circ 6 hrs. Cmt. 2nd stage w/900 sx. interfill C mixed at 11.9 ppg 2.41 yield & 50 sx. Premium plus mixed at 14.8 ppg 1.92 yield, displace csg w/92 BFW. PD @ 21:40 hrs. on 11/3/01. Close stage tool w/2645# tool held. Circ. 189 sx cmt to pit. Cut it. Released rig at 23:00 hrs. on 11/3/01.

ACCEPTED FOR RECORD

(ORIG. SGD.) DAVID R. GLASS

NOV 13 2001

DAVID R. GLASS
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Ann Burdette

Signature

Title

Regulatory Analyst

Date

11/09/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Instructions on reverse)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

LC-032233-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Bowers "A" Federal #39

9. API Well No.

30-025-35727

10. Field and Pool, or Exploratory Area

Hobbs: Upper Blinbry

11. County or Parish, State

Lea

New Mexico

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Texland Petroleum-Hobbs, L.L.C.

3a. Address

777 Main Street, Ste. 3200 Fort Worth TX 76102

3b. Phone No. (include area code)

(817)338-2751

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2505 FSL & 1415 FE.: Sec.30, T18S, R38E, NMPM

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

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

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

SPUD TIME: 10/25/01 drilled. 10/27/01 drilled to 1637' CSG REPORT: Ran 34 Jts. 8 5/8" 24# J55 STC csg. set at 1637', CENTRALIZERS: 13 every 3rd joint. CMT REPORT: Cmt w/550 ex. w/3% Salt & 1/4# Floccle. Mixed 12.9 ppg, 1.97 yield & 250 ex. Premium plus w/2% CaCl & 1/4 Floccle. Mixed 14.8 ppg & 1.32 yield. Displace csg w/95 BFW. PD @ :45 hr on 10/27/01. Float held. Circ. 125 ex cmt. NMOCD notified but not present. 10/28/01 - 10/30/01 drilled Anhydrite & salt.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Ann Burdette

Signature

Title

Regulatory Analyst

Date

10/30/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NOV-19-01 MON 02:49 PM FROM: 817 3390970

TO:

PAGE 3

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

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

OTHER: ☐

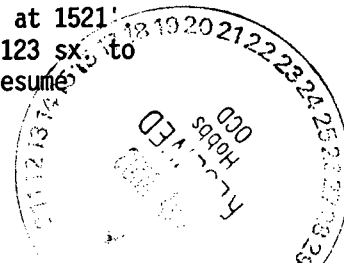
OTHER: Spud & Run Surface Casing ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

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

4/30/03 -

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



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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 5/2/03

Type or print name Mark Stephens

Telephone No. 281/552-1158

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

APPROVED BY OC FIELD REPRESENTATIVE II/STAFF MANAGER

DATE MAY 09 2003

Conditions of approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1600 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

OTHER: ☐ OTHER: Run 5-1/2" Casing ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

5/8/03 -

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

Release drilling rig at 5:00 a.m., 5/9/03.

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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 5/12/03

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

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Occidental Permian Limited Partnership Attn: Mark Stephens, 338-B, WL2

3a. Address

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

3b. Phone No. (include area code)

(281) 552-1158

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

670' FSL & 686' FEL, Sec. 30, Letter P, T-18-S, R-38-E

5. Lease Serial No.

LC-032233(A)

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

North Hobbs G/SA No. 547
Unit

9. API Well No.

30-025-36242

10. Field and Pool, or Exploratory Area

Hobbs; Grayburg-San Andres

11. County or Parish, State

Lea Co. NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Spud & Run</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Surface Casing</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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

4/21/03: MI x RU. Spud 12-1/4" hole at 10:30 p.m. (BLM notified prior to spud)

4/22/03 -

4/23/03: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 13 centralizers and set at 1528'. Cement with 550 sx. PBCZ lead and 300 sx. Premium Plus tail. Plug down x circulate 160 sx. to surface. Nipple up x test casing, blind rams, and choke to 1450 psi. TIH x test annular & pipe rams to 1100 psi. Drill out cement and resume drilling operations..

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Mark Stephens

Title

Regulatory Compliance Analyst

Date

4/24/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

David R. Evans

Title

Date

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

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PETROLEUM ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Occidental Permian Limited Partnership Attn: Mark Stephens, 338-B, WL2

3a. Address

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

3b. Phone No. (include area code)

(281) 552-1158

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

670' FSL & 686' FEL, Sec. 30, Letter P, T-18-S, R-38-E

5. Lease Serial No.

LC-032233(A)

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

North Hobbs G/SA No. 547
Unit

9. API Well No.

30-025-36242

10. Field and Pool, or Exploratory Area

Hobbs; Grayburg-San Andres

11. County or Parish, State

Lea Co. NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

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

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

4/27/03 -

4/28/03: Run 107 jts. 5-1/2", 15.5#, J-55, LT&C casing with 12 centralizers and set at 4417'. Cement first stage with 300 sx. Premium Plus. Plug down and circulate 236 sx. to pit. Circulate 4 hours between stages. Cement second stage with 550 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Plug down and circulate 190 sx. to pit. Nipple down, set slips, cut off casing, and rig down.

Release drilling rig at 6:00 a.m., 4/28/03.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Mark Stephens

Title

Regulatory Compliance Analyst

Date

4/29/03

Mark Stephen

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Occidental Permian Limited Partnership Attn: Mark Stephens, 338-B

3a. Address

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

3b. Phone No. (include area code)

(281) 552-1158

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 819' FSL & 239' FWL, Sec. 29, Letter M, T-18-S, R-38-E

BHL: 805' FSL & 1220' FWL, Sec. 29, Letter M, T-18-S, R-38-E

5. Lease Serial No.

LC-032233(A)

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

North Hobbs G/SA No. 814
Unit

9. API Well No.

30-025-35527

10. Field and Pool, or Exploratory Area

Hobbs; Grayburg-San Andres

11. County or Parish, State

Lea Co. NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Spud & Run</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Surface Casing</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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

4/11/03: MI x RU. Spud 13-3/4" hole at 10:30 a.m. (BLM notified prior to spud)

4/12/03 -

4/14/03: Run 35 jts. 9-5/8". 32#, H-40, ST&C casing with 12 centralizers and set at 1515'. Cement with 600 sx. PBCZ lead and 300 sx. Premium Plus tail. Plug down x circulate 160 sx. to pit. Cut off casing x weld on wellhead x jet pits. NU x test BOP stack x choke manifold x blind rams. PU Kelly x test casing to 850 psi. Drill out cement and resume drilling operations.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Mark Stephens

Title

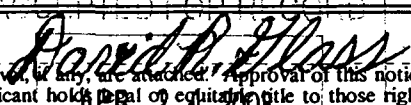
Regulatory Compliance Analyst

Date

4/15/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by



Title

Date

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

Office

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Occidental Permian Limited Partnership Attn: Mark Stephens, 338-B

3a. Address

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

3b. Phone No. (include area code)

(281) 552-1158

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 819' FSL & 239' FWL, Sec. 29, Letter M, T-18-S, R-38-E

BHL: 805' FSL & 1220' FWL, Sec. 29, Letter M, T-18-S, R-38-E

5. Lease Serial No.

LC-032233(A)

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

North Hobbs G/SA No. 814
Unit

9. API Well No.

30-025-35527

10. Field and Pool, or Exploratory Area

Hobbs; Grayburg-San Andres

11. County or Parish, State

Lea Co.

NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Run 7"</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Production Casing</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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

4/20/03: Run 113 jts. 7". 23#, J-55, LT&C casing with 14 centralizers and set at 4618'. Cement first stage with 600 sx. Premium Plus. Land plug. Open DV tool and circulate 150 sx. to surface. Cement second stage with 600 sx. Interfill 'C' Neat (lead) and 100 sx. Premium Plus (tail). Plug down and circulate 216 sx. to surface. Nipple down, set slips, cut off casing, and rig down.

Release drilling rig at 8:00 p.m., 4/20/03

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Mark Stephens

Title

Regulatory Compliance Analyst

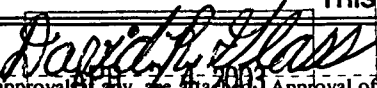
Date

4/22/03

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by



Title

Date

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

Office

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District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

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

Form C-101

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address Occidental Permian Limited Partnership PO Box 4294 Houston, TX 77210-4294		OGRID Number 157984
		API Number 30-25-36247
Property Code 19520	Property Name NORTH HOBBS G/SA UNIT	Well No. 527

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	30	18S	38E		627	S	1782	W	Lea

Bottom Holes

Pool: HOBBS;GRAYBURG-SAN ANDRES 31920									
UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	30	18S	38E		999	S	1811	W	Lea

Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type State	Ground Level Elevation 3649
Multiple N	Proposed Depth 4600	Formation San Andres	Contractor	Spud Date 6/4/2003

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1525	850	0
Prod	7.875	5.5	15.5	4600	1050	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1000	
Double Ram	3000	1000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Electronically Signed By: Richard Foppiano			
Title: Senior Advisor		Title: Geologist	
Date: 4/16/2003		Approval Date: 4/16/2003	Expiration Date: 4/16/2004
Phone: 281-552-1303		Conditions of Approval: No Conditions	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. LC-032233(A)	
1b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Occidental Permian Limited Partnership		7. Unit or CA Agreement Name and No.	
3a. Address P.O. Box 4294, Houston, TX 77210-4294		8. Lease Name and Well No. North Hobbs G/SA Unit No. 538	
3b. Phone No. (include area code) (281) 552-1158		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 1983' FSL & 1856' FEL At proposed prod. zone 1765' FSL & 1865' FEL		10. Field and Pool, or Exploratory Hobbs; Grayburg - San Andres	
14. Distance in miles and direction from nearest town or post office* 3.6 miles Northwest from Hobbs, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 30, T-18-S, R-38-E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 7256' FSL		12. County or Parish Lea	
16. No. of Acres in lease 10,649.53		13. State NM	
17. Spacing Unit dedicated to this well 40 acres		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 587'	
19. Proposed Depth 4600' TVD		20. BLM/BIA Bond No. on file NM2797	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3651' GL		22. Approximate date work will start* 5/13/03	
		23. Estimated duration 11 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature Mark Stephens	Name (Printed/Typed) Mark Stephens	Date 4/9/03
Title Regulatory Compliance Analyst		
Approved by (Signature) Leslie A. Theiss	Name (Printed/Typed) /s/ LESLIE A. THEISS	Date MAY 12 2003
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

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*(Instructions on Reverse)

SUBJECT TO LIKE APPROVAL BY STATE

Lea County Controlled Water Basin

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

DRILLING AND COMPLETION PROGRAM				AFE Number: 93000448	
Flac No.	Key 11			Date:	March 2, 2003
Rig No.				County:	Lea, New Mexico
API #				Field:	Hobbs
Lease:	North Hobbs G/SA Unit	Well No.	538		
Location:	1983' FSL & 1856' FEL, Let. J	Bottomhole	1765' FSL & 1865' FEL,		
	Sec. 30, T-18-S, R-38-E	Location:	Let. J, Sec. 30, T-18-S, R-38-E		
OBJECTIVE: Primary: San Andres		Secondary:			
METHOD OF DRILLING			APPROXIMATE DEPTHS OF GEOLOGICAL MARKER		
TYPE OF TOOLS	DEPTH OF DRILLING	Est. Elev. @ GL 3651' AMSL 3665' @ KE KB: 14' AGL			
Rotary	Set Through - 4415 TVD RKB				
LOG PROGRAM Depth Interval		Marker			
		Redbeds	265'		
		Rustler	1460'-1560'		
		Yates	2815'		
		Seven Rivers	3035'		
		Queen	3570'		
		Grayburg	3900'		
		San Andres	4020'		
REMARKS:		TOTAL DEPTH 4415 TVD			
NO MUD LOGGER					
SPECIAL TESTS		# Probable completion interval			
TYPE	DEPTH INTERVAL, ETC	DRILL CUTTING SAMPLES		DRILLING TIME	
		FREQUENCY	DEPTH	FREQUENCY	DEPTH
		NONE		Continuous	0' - TD
REMARKS:		Remarks:			
Remarks: Permit well to 4600' - Directional Hole		Surveys required every 500' in vert hole.			
Mud Program					
Approx Interval	Type Mud	Weight	Vis, sec/qt	W/L, cc's/30 min	pH control
Surface	Fresh Water / Native Mud	8.6 - 9.5	32 - 36	No Control	None
Production	Brine Water	10 - 10.2	28 - 29	No Control	None
REMARKS:					
CASING PROGRAM:					
Casing String	Est. Depth	Casing	Hole Size	Cu. Ft. Cement	Cement Landing Recipe Point
Surface	1520'	8.625", 24#, J-55, ST&C	12.25"		See below Cut hole to fit pipe tally
Production	4415'	5.5", 15.5#, J-55, LT&C	7.875"		See below 4415' TVD RKB
Float Equipment:					
Surface float equipment - Guide Shoe - 1 shoe joint - Float Collar - 10 centralizers					
Production float equipment - Guide shoe - 1 shoe joint - Float Collar - DV Tool - ECP - 12 centralizers					
REMARKS:					
Surface Casing: Cement with 600 sx PBCZ (10.3 gal/sx water & 1.88 Yield) and 250 sx Premium Plus (6.3 gal/sx water & 1.32 yield)					
Production Casing: Centralizers from 3400' to TD. DV Tool set at 3500' . Centralize DV tool on either side. ECP set @ 1400' or 100' inside surface casing. Cement first stage with with 350 sx Prem. Plus and second stage with 600 sx Interfill "C" lead and 100 sx Premium Plus tail cement. Add .25 lbs/sx flo-cele to cement on both stages to improve circulation to surface of cement.					
GENERAL REMARKS:					
Directional Hole - The 8-5/8" Bradenhead Valves (BHO) are to be North - South					
Reviewed by		Logging program developed by:			
PREPARED BY: Blackwell/Lowery		APPROVED:		APPROVED:	

WELL BORE SKETCH

WELL HEAD 6" X 900

Well: NHU No. 538
Pool: Hobbs; Grayburg-San Andres

Ground Level: 3651.00
RDB: 14.00
GL + RDB: 3665.00

Objective: San Andres

Directional

16" Conductor set at 40'

Cement 8 5/8" surface casing
with 600 sx PBCZ lead and 250
sx Premium Plus tailend.
Circulate to surface.

8 5/8" 24#, J-55, ST&C casing
S/A 1520' with 10 centralizers

External Casing Packer @ 1400'

C
L
E
A
N

10#

B
R
I
N
E

7.875" Hole

Cement 2nd stage with 600 sx Interfill
"C" and 100 sx Premium Plus

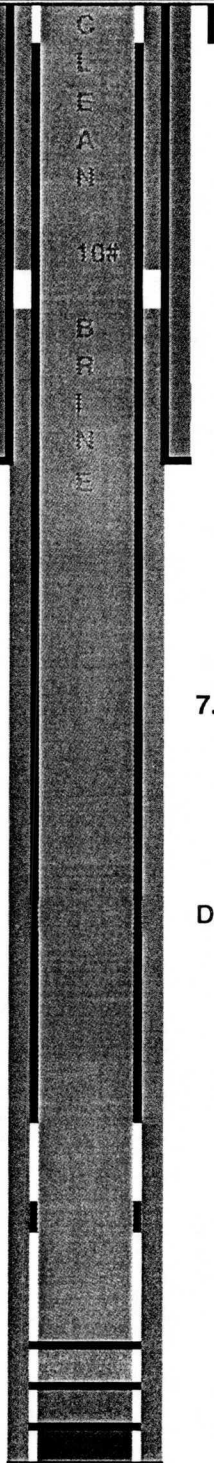
DV Tool set at 3500'

5-1/2", 15.5#, J-55, LT&C casing
set at 4415' w/12 centralizers

Cement 1st Stage with 350 sx Premium
Plus

5.5" Float Collar
One Shoe Joint
5.5" Guide Shoe

TD 4415' TVD



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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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OMB NO. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. LC-032233(A)
1b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Occidental Permian Limited Partnership		7. Unit or CA Agreement Name and No.
3a. Address P.O. Box 4294, Houston, TX 77210-4294	3b. Phone No. (include area code) (281) 552-1158	8. Lease Name and Well No. North Hobbs G/SA Unit No. 546
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 1657' FSL & 620' FEL At proposed prod. zone 1814' FSL & 618' FEL SUBJECT TO LIKE APPROVAL BY STATE		9. API Well No.
10. Field and Pool, or Exploratory Hobbs; Grayburg - San Andres		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 30, T-18-S, R-38-E
14. Distance in miles and direction from nearest town or post office* 3.3 miles Northwest from Hobbs, NM		12. County or Parish Lea
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 6927' FSL		13. State NM
16. No. of Acres in lease 10,649.53		17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 760'		20. BLM/BIA Bond No. on file NM2797
19. Proposed Depth 4600' TVD		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3647' GL
22. Approximate date work will start* 5/2/03		23. Estimated duration 11 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mark Stephens</i>	Name (Printed/Typed) Mark Stephens	Date 4/9/03
---------------------------------------	---------------------------------------	----------------

Title

Regulatory Compliance Analyst

Approved by (Signature) <i>Joe G. Lara</i>	Name (Printed/Typed) Joe G. Lara	Date 5/9/03
-----------------------------------------------	-------------------------------------	----------------

Title

FIELD MANAGER

Office

CARLSBAD FIELD OFFICE

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*(Instructions on Reverse)

SUBJECT TO LIKE APPROVAL BY STATE

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

Lea County Controlled Water Basin

Flac No.						DRILLING AND COMPLETION PROGRAM						AFE Number: 93000448															
Rig No. Key 11												Date: March 2, 2003															
API #												County: Lea, New Mexico															
Lease: North Hobbs G/SA Unit						Well No. 546						Field: Hobbs															
Location: 1657' FSL & 620' FEL, Let. I, Sec. 30, T-18-S, R-38-E						Bottomhole Location: 1814' FSL & 618' FEL, Let. I, Sec. 30, T-18-S, R-38-E																					
OBJECTIVE:												Primary: San Andres Secondary:															
METHOD OF DRILLING												APPROXIMATE DEPTHS OF GEOLOGICAL MARKER															
TYPE OF TOOLS						DEPTH OF DRILLING						Est. Elev. @ GL 3647' AMSL 3661' @ KB KB: 14' AGU															
Rotary						Set Through - 4411 TVD RKB																					
LOG PROGRAM												Depth Interval															
												Marker															
												Redbeds 265'															
												Rustler 1460'-1560'															
												Yates 2815'															
												Seven Rivers 3035'															
												Queen 3570'															
												Grayburg 3900'															
												San Andres 4020'															
REMARKS:																											
NO MUD LOGGER																											
												TOTAL DEPTH 4411 TVD															
SPECIAL TESTS												# Probable completion interval															
TYPE						DEPTH INTERVAL, ETC						DRILL CUTTING SAMPLES															
												FREQUENCY DEPTH FREQUENCY DEPTH															
												NONE Continuous 0' - TD															
												Remarks:															
Remarks: Permit well to 4600' - Directional Hole												Surveys required every 500' in vert hole.															
Mud Program																											
Approx Interval				Type Mud				Weight				Vis, sec/qt				W/L, cc's/30 min				pH control							
Surface				Fresh Water / Native Mud				8.6 - 9.5				32 - 36				No Control				None							
Production				Brine Water				10 - 10.2				28 - 29				No Control				None							
REMARKS:																											
CASING PROGRAM:																											
Casing String				Est. Depth				Casing				Hole Size				Cu. Ft. Cement				Cement Recipe				Landing Point			
Surface				1520'				8.625", 24#, J55, ST&C				12.25								See below				Cut hole to fit pipe tally			
Production				4411'				5.5", 15.5#, J55, LTC				7.875								See below				4411' TVD RKB			
Float Equipment:																											
Surface float equipment - Guide Shoe - 1 shoe joint - Float Collar - 10 centralizers																											
Production float equipment - Guide shoe - 1 shoe joint - Float Collar - DV Tool - ECP - 12 centralizers																											
Remarks:																											
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Production Casing: Centralizers from 3400' to TD. DV Tool set at 3500'. Centralize DV tool on either side. ECP set @ 1400' or 100' inside surface casing. Cement first stage with with 350 sx Prem. Plus and second stage with 600 sx Interfill "C" lead and 100 sx Premium Plus tail cement. Add .25 lbs/sx flo-cele to cement on both stages to improve circulation to surface of cement.																											
GENERAL REMARKS:																											
Directional Hole - The 8 5/8" Bradenhead Valves (BHO) are to be North - South.																											
Reviewed by														Logging program developed by:													
PREPARED BY: Mike Blackwell														APPROVED:													
														APPROVED:													

WELL BORE SKETCH

WELL HEAD 6" X 900

Well: NHU No. 546
Pool: Hobbs; Grayburg-San Andres

Ground Level: 3647.00
RDB: 14.00
GL + RDB: 3661.00

Objective: San Andres

Directional

16" Conductor set at 40'

Cement 8 5/8" surface casing
with 600 sx PBCZ lead and 250
sx Premium Plus tailend.
Circulate to surface.

8 5/8" 24#, J-55, ST&C casing
S/A 1520' with 10 centralizers

External Casing Packer @ 1400'

7.875" Hole

Cement 2nd stage with 600 sx Interfill
"C" and 100 sx Premium Plus

DV Tool set at 3500'

5-1/2", 15.5#, J-55, LT&C casing
set at 4411' w/12 centralizers

Cement 1st Stage with 350 sx Premium
Plus

5.5" Float Collar
One Shoe Joint
5.5" Guide Shoe

TD 4411' TVD

LIST OF OFFSET OPERATORS & SURFACE OWNERS

North Hobbs (Grayburg/San Andres) Unit
Well No. 536
Letter O, Section 30, T-18-S, R-38-E
Lea County, New Mexico

Offset Operators

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

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

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

Saga Petroleum, LLC
415 W. Wall, Suite 835
Midland, TX 79701

Charles E. Seed
P.O. Box 5102
Lovington Hwy.
Hobbs, NM 88240

ChevronTexaco
Attn: NOJV Manager
15 Smith Road
Midland, TX 79705

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, TX 77210-4358

Surface Owners

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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

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

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8575

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

C. Signature

X

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

☐ Yes**SENDER: COMPLETE THIS SECTION**

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1. Article Addressed to:

Charles E. Seed
P.O. Box 5102
Lovington Hwy.
Hobbs, NM 88240

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8568

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

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1. Article Addressed to:

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, TX 77210-4358

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8551

PS Form 3811, March 2001

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1. Article Addressed to:

Lewis B. Burleson, Inc.
P.O. Box 2479
Midland, TX 78702

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8544

PS Form 3811, March 2001

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X

☐ Agent☐ Addressee

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1. Article Addressed to:

Saga Petroleum, LLC
415 W. Wall, Suite 835
Midland, TX 79701

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8537

PS Form 3811, March 2001

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1. Article Addressed to:

ChevronTexaco
Attn: NOJV Manager
15 Smith Road
Midland, TX 79705

2. Article Number

(Transfer from service label)

7001 0320 0002 0354 8520

PS Form 3811, March 2001

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AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

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

of 1
_____ weeks.

Beginning with the issue dated

April 30 2003
and ending with the issue dated

April 30 2003

Kathi Bearden by Kathi

Publisher

Sworn and subscribed to before

me this 30th day of

April 2003

Jodi Benson

Notary Public.

My Commission expires
October 18, 2004
(Seal)

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

LEGAL NOTICE
April 30, 2003

Notice is hereby given of the application of Occidental Per-
mian Limited Partnership, Attn: Mark Stephens, P.O. Box
4294, Rm. 338-B, Houston, TX 77210-4294 (281/552-
1158), to the Oil Conservation Division, New Mexico Ener-
gy, Minerals and Natural Resources Department, for ap-
proval of the following injection well for the purpose of ter-
tiary recovery:

Pool Name: Hobbs; Grayburg - San Andres
Lease/Unit Name: North Hobbs G/SA Unit
Well No. 536 (proposed new drill)
Location: 641' FSL & 2419' FEL (PSHL);
486' FSL & 2573' FEL (PBHL), Unit
Letter O, Sec. 30, T-18-S, R-38-E, Lea Co., New Mexico

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 1100psi (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
fifteen (15) days.
#19774

02101173000 67513481
Occidental Permian Limited
P. O. Box 4294
Houston, TX 77210-4294

Jones, William V

From: Mark_Stephens@oxy.com
Sent: Thursday, May 08, 2003 2:29 PM
To: WVJones@state.nm.us
Subject: Legal Notice



IMAGE000.TIF

Will -

Attached please find copy of legal notice for North Hobbs G/SA Unit No. 536 (proposed injection well). There are two 'minor' errors on the legal notice -

- 1) Partnership is spelled as 'Patnership'
- 2) Grayburg is spelled as 'Grqayburg'

Would you suggest that the legal notice be rerun with corrections made, or are the errors minor enough not to warrant a republishing? I wanted to address this before we filed our injection permit application for the well in order to save some time up front if a republishing is required.

Thank you for your assistance on this.

Mark Stephens
Oxy Permian Ltd.
Houston, TX

(281) 552-1158 <W>
(281) 552-1381 <F>

<<IMAGE000.TIF>>

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