

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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	3b. Phone No. (include area code) (281) 552-1158	8. Lease Name and Well No. North Hobbs G/SA Unit No. 547
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 670' FSL & 686' FEL P At proposed prod. zone		9. API Well No. 30-025-36242
14. Distance in miles and direction from nearest town or post office* 3.2 miles Northwest from Hobbs, NM		10. Field and Pool, or Exploratory Hobbs; Grayburg - San Andres
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 5939' FSL		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 30, T-18-S, R-38-E
16. No. of Acres in lease 10,649.53		12. County or Parish Lea
17. Spacing Unit dedicated to this well 40 acres		13. State NM
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 475'		20. BLM/BIA Bond No. on file NM2797
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3645' GL		22. Approximate date work will start* 4/16/03
		23. Estimated duration 9 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 3/21/03
Title Regulatory Compliance Analyst		
Approved by (Signature) /s/ LESLIE A. THEISS	Name (Printed/Typed) /s/ LESLIE A. THEISS	Date APR 10 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)

Lea County Controlled Water Basin
CWB CORID NO. **157984**
PROPERTY NO. **19520**
POOL CODE **31920**
EFF. DATE **4-14-03**
API NO. **30-025-36242**

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

BUREAU OF LAND MGMT.
ROSWELL OFFICE

2003 MAR 24 AM 9:13

RECEIVED

FIELD

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36242	Pool Code 31920	Pool Name HOBBS: GRAYBURG - SAN ANDRES
Property Code 19520	Property Name NORTH HOBBS G/SA UNIT	Well Number 547
OGRID No. 157984	Operator Name OCCIDENTAL PERMIAN LIMITD PARTNERSHIP	Elevation 3645'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	18 S	38 E		670	SOUTH	686	EAST	LEA

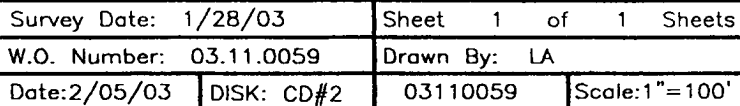
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill I	Consolidation Code U	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

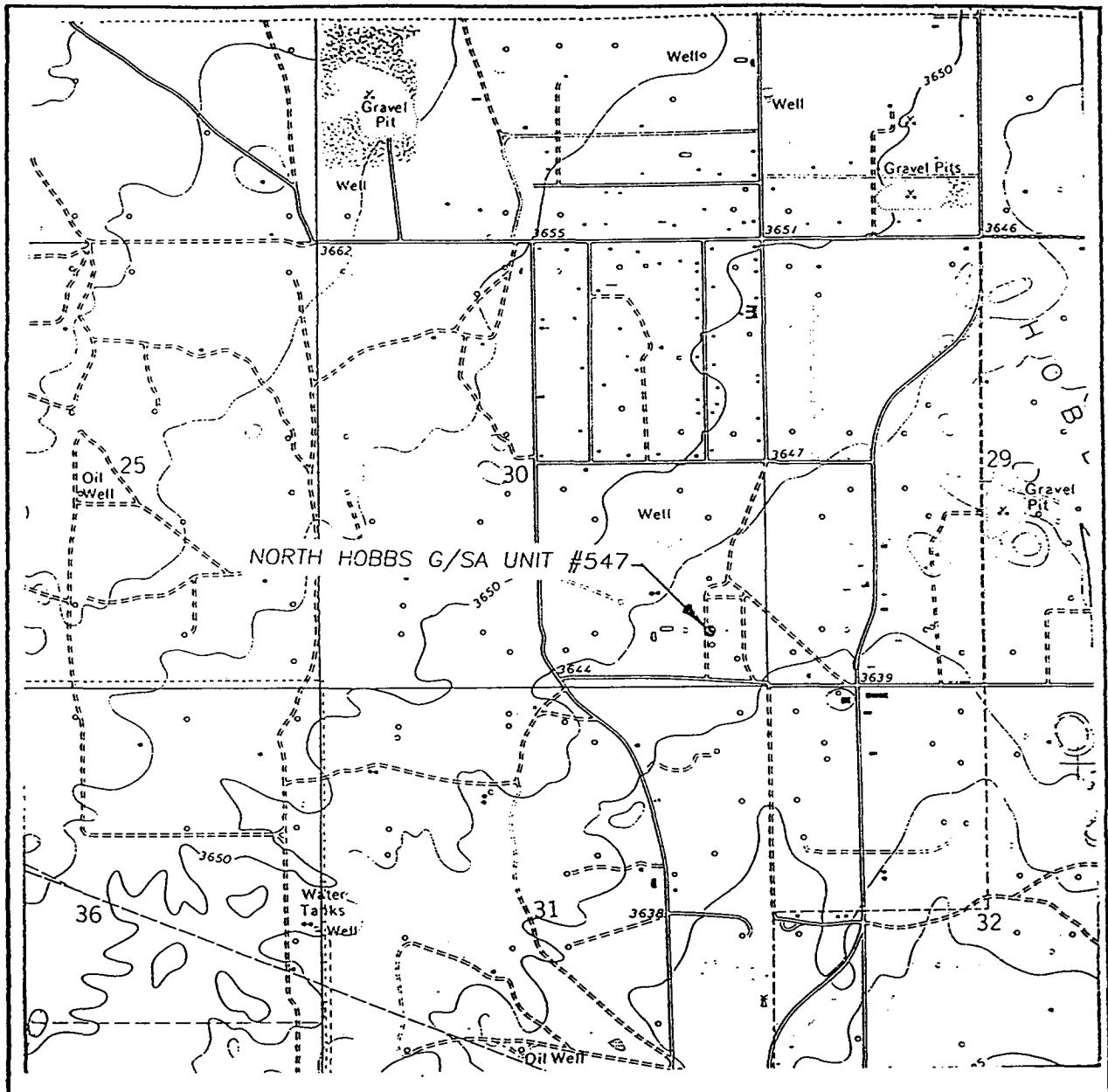
LOT 1					<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><u>Mark Stephens</u> Signature</p> <p><u>Mark Stephens</u> Printed Name</p> <p><u>Reg. Comp. Analyst</u> Title</p> <p><u>March 10, 2003</u> Date</p>
37.81 AC. LOT 2					
37.85 AC. LOT 3					
37.87 AC. LOT 4					
37.91 AC.	<p>PROPOSED SURFACE LOC. NAD 27 NM EAST ZONE N=624958.6 E=854441.7</p> <p>SURFACE GEOGRAPHIC LOCATION NAD 27 LAT. = 32°42'46.13"N LONG. = 103°10'51.54"W</p>				

NEW MEXICO.



412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS WEST, N.M. - 5'

SEC. 30 TWP. 18-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 670' FSL & 686' FEL

ELEVATION 3645'

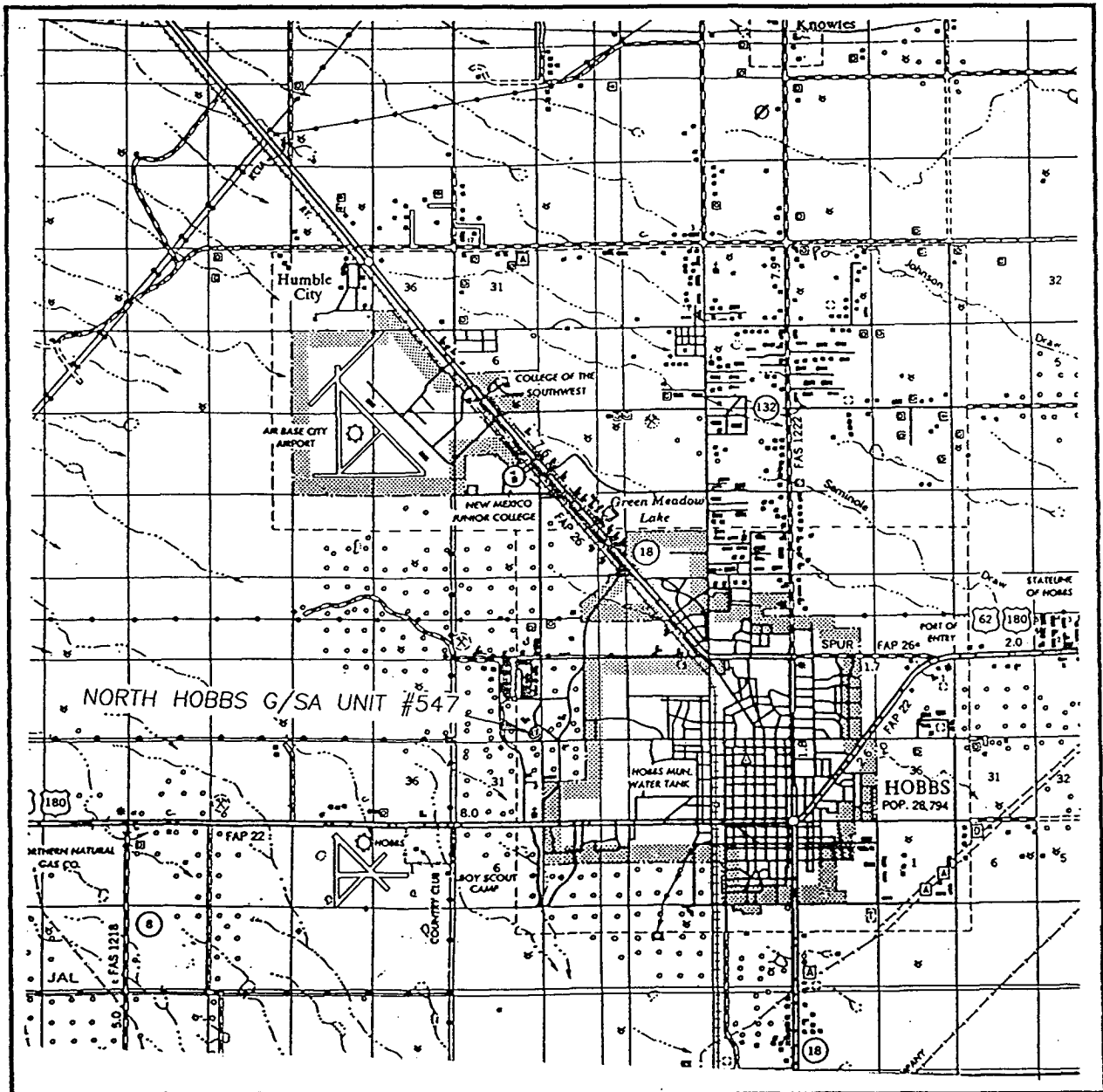
OPERATOR OCCIDENTAL PERMIAN
LIMITED PARTNERSHIP

LEASE NORTH HOBBS G/SA UNIT

U.S.G.S. TOPOGRAPHIC MAP
HOBBS WEST, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 30 TWP. 18-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 670' FSL & 686' FEL

ELEVATION 3645'

OPERATOR OCCIDENTAL PERMIAN LIMITED PARTNERSHIP

LEASE NORTH HOBBS G/SA UNIT

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

Flac No. DRILLING AND COMPLETION PROGRAM		AFE Number: 93000453																																																								
Rig No. Key 11		Date: March 2, 2003																																																								
API #		County: Lea, New Mexico																																																								
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OBJECTIVE: Primary: San Andres Secondary:																																																										
METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER																																																								
TYPE OF TOOLS DEPTH OF DRILLING	Estimated Elev at GL:3645' AMS 3659' At KB KB: 14' AGL																																																									
Rotary Set Through - 4395' BGL; 4409' RKB	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Marker</th> <th style="width:10%;"> </th> <th style="width:10%;"> </th> <th style="width:10%;"> </th> <th style="width:10%;"> </th> </tr> <tr> <td>Redbeds</td> <td>265'</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Rustler</td> <td>1459'-1553' RKB</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Yates</td> <td>2815'</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Seven Rivers</td> <td>3035'</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Queen</td> <td>3570'</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Grayburg</td> <td>3900'</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>San Andres</td> <td>4020'</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>TOTAL DEPTH</td> <td>4395 BGL; 4409 RKB</td> <td> </td> <td> </td> <td> </td> </tr> </table>			Marker					Redbeds	265'				Rustler	1459'-1553' RKB				Yates	2815'				Seven Rivers	3035'				Queen	3570'				Grayburg	3900'				San Andres	4020'														TOTAL DEPTH	4395 BGL; 4409 RKB			
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SPECIAL TESTS		# Probable completion interval																																																								
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Float Equipment:																																																										
Surface float equipment - Guide Shoe - 1 shoe joint - Float Collar - 10 centralizers																																																										
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Surface Casing: 24# J-55 ST&C casing with 10 centralizers. 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: 15.5# J-55 LT&C casing with 12 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:																																																										
Straight 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. 547
Pool: Hobbs; Grayburg - San Andres

Ground Level: 3645.07
RDB: 14.00
GL + RDB: 3659.07

Objective: San Andres

14" 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
SA 1519' RKB with 10 central.

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'

Cement first Stage with 350 sx
Premium Plus

4409' RKB

5.5" Float Collar
One Shoe Joint
5.5" Guide Shoe

