

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
May 27, 2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Occidental Permian Limited Partnership P.O. Box 4294, Houston, TX 77210-4294 Rm. 19.013, GRWY 5		² OGRID Number 157984
		³ API Number 30- 25-12504
⁴ Property Code 19520	⁵ Property Name North Hobbs G/SA Unit (currently State 'A' No. 1)	⁶ Well No. 532
⁹ Proposed Pool 1 Hobbs; Grayburg-San Andres		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. G	Section 32	Township 18-S	Range 38-E	Lot. Idn	Feet from the 2310	North/South Line North	Feet from the 1650	East/West line East	County Lea
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⁸ Proposed 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
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Additional Well Location

¹¹ Work Type Code P	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3638'
¹⁶ Multiple No	¹⁷ Proposed Depth 4175' (TD)	¹⁸ Formation Grayburg	¹⁹ Contractor	²⁰ Spud Date
Depth to ground water		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

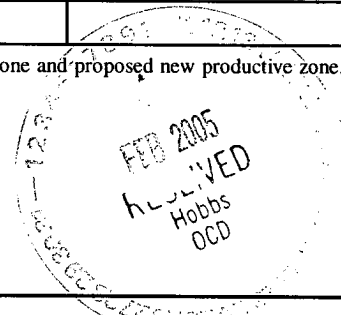
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
N/A	12-1/2	50	222'	135	Surface
N/A	9	34	2755'	600	100' from surface estimated
8-3/4	7	24	3850'	200	3139' (estimated)

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

See Attachment



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Signature: <u>Mark Stephens</u>		OIL CONSERVATION DIVISION	
Printed name: Mark Stephens		Approved by: <u>[Signature]</u> PETROLEUM ENGINEER	
Title: Regulatory Compliance Analyst		Title:	
E-mail Address: Mark.Stephens@oxy.com		Approval Date: FEB 10 2005 Expiration Date:	
Date: February 8, 2005	Phone: (713) 366-5158	Conditions of Approval: Attached <input type="checkbox"/>	

The proposal is to abandon the Byers; Queen (Gas) Pool and recomplete the well in the Hobbs; Grayburg - San Andres Pool (unitized interval) as follows:

- 1) MI x RU. Pull production tubing and packer
- 2) Cement squeeze the Byers; Queen (Gas) completion (3621' - 3685') w/200 sx. cement
- 3) Drill out cement squeeze and pressure test
- 4) Drill out bridge plug @ 3750' which isolates the Grayburg - San Andres open hole from 3850' - 4175'
- 5) Run and cement 5" partial liner from 2600' - 4175' (top of liner @ 155' above the 9" intermediate casing shoe @ 2755')
- 6) Run cased hole porosity log across the Grayburg - San Andres and perforate the Grayburg from approximately 3880' - 3950'
- 7) Sand frac the Grayburg with approximately 26,000 gal. cross-link gel x 45,000# sand
- 8) Swab back and production test the Grayburg

NOTE: A reverse (steel) pit will be used for this procedure

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State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-102
Revised June 10, 2003

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-12504	² Pool Code 31920	³ Pool Name Hobbs; Grayburg - San Andres
⁴ Property Code 19520	⁵ Property Name North Hobbs G/SA Unit	⁶ Well Number 532
⁷ OGRID No. 157984	⁸ Operator Name Occidental Permian Limited Partnership	⁹ Elevation 3638'

¹⁰ Surface Location

UL or lot no. G	Section 32	Township 18-S	Range 38-E	Lot. Idn	Feet from the 2310	North/South line North	Feet from the 1650	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature 	
	Printed Name Mark Stephens Title and Email Regulatory Compliance Analyst Date February 8, 2005	
	¹⁸ SURVEYOR CERTIFICATION 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.	
Date of Survey Signature and Seal of Professional Surveyor 		
Certificate Number		