		/
BAT IN	22/03 500	03 ENGINEER WYJ LOGGED IN KN TYPE PMX AMOR V03/433546/
		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
Т	HIS CHECKLIST IS N	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Appli	cation Acronym	5:
		ndard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] hole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
	[PC-Pc	ol 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-Qua	ified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]		PLICATION - Check Those Which Apply for [A]
	[A]	Location - Spacing Unit - Simultaneous Dedication MAY 2 2 2003
	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
	[D]	Other: Specify
[2]		ON REQUIRED TO: - Check Those Which Apply, or Does Not Apply
	[A]	Working, Royalty or Overriding Royalty Interest Owners
	[B]	X Offset Operators, Leaseholders or Surface Owner
	[C]	X Application is One Which Requires Published Legal Notice
	[D]	X Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	X 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	Mark Stephen	Reg. Comp. Analyst	5/21/03			
Print or Type Name	Signature	Title	Date			
		Mark_Stephens@oxy.com				
		e-mail Address	· · · · · · · · · · · · · · · · · · ·			



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



- 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)

L.	STATE OF NEW MEXICO
	ENERGY, MINERALS AND NATURAL
	RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery x Pressure Maintenance Disposal Storage Application qualifies for administrative approval? Yes No
II.	OPERATOR: Occidental Permian Limited Partnership
	ADDRESS:P.O. Box 4294 Houston, TX 77210-4294
	CONTACT PARTY: <u>Mark Stephens, Rm. 338-B, WL2</u> PHONE: <u>(281) 552-1158</u>
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? <u>Yes</u> No If yes, give the Division order number authorizing the project: <u>R-6199-B (10/22/01)</u>
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:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, 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: <u>Mark Stephens</u> TITLE: <u>Reg. Comp. Analyst</u>
	SIGNATURE: Mark Stephen 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: <u>Hearing September 6, 2001; Case No. 12722, Order No. R-6199-B</u> effective October 22, 2001

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

15,000 MCFGPD*
N/A
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.

Form 3160-3 (September 2001)	UNITEDSTATES			ERATOR'S	COPY	FORM APPROVED OMB NO. 1004-0136 Expires January 31, 2004			
	APPLICATION FOR PERMIT	T TO DRILL OR			5.	Lease Serial No. LC-032233(A)			
ia. Type of Work	X DRILL	REENTER		<u></u>	6.	If Indian, Allotee or			
Ib. Type of Well	🗌 Oil Well 📋 Gas Well 💢	Other 🔀	Single Zone	Multiple Zon	ie 7.	Unit or CA Agreeme	ent Name and No.		
2. Name of Operator Occidental Po	ermian Limited Partnership					Lease Name and We North Hobbs	∎No. G/SA Unit No. 536		
3a. Address				No. (include area co	Ý 19.	API Well No.			
	4. Houston, TX 77210-4294 (Report location clearly and in accordan			281) 552-1158					
	1' FSL & 2419' FEL	ce min uny braie eq				Field and Pool, or Ex Hobbs; Grayb	uporatory ung - San Andres Blk. and Survey or Area		
At proposed prod.	zone 486' FSL & 257	3' FEL			``	Sec. 30, T-1	-		
14. Distance in miles an	id direction from nearest town or post of	fice*			12.	County or Parish	13.State		
	3.5 miles North		obsNM			Lea	NM		
15. Distance from pro location to nearest		16	No. of Acre	in lease	17. Spaci	ng Unit dedicated to t	his well		
property or lease 1 (Also to nearest de	ine, ft. 5911' FSL rg. unit line, if any)			10,649.53		40 acres			
18. Distance from pro to nearest well, dri		19	Proposed D	epth	20. BLM	BLM/BIA Bond No. on file			
applied for, on this	s lease, ft. 217'		4600	TVD		NM2797			
21. Elevations (Show w	whether DF, KDB, RT, GL, etc.	22	. Approximat	e date work will sta	rt*	23. Estimated duration			
3651' G	L			5/24/03		11	days		
		24. A	ttachments	Lea Count	y Coniz	olled Water Bi	196 7 1		
The following, comple	ted in accordance with the requirements	of Onshore Oil and O	Gas Order No	1, shall be attached	l to this for	rm:			
 A Drilling Plan A Surface Use Pla 	by a registered surveyor. n (if the location is on National Forest S		Item	20 above). tor certification.		covered by an existin	-		
SUPO shall be file	d with the appropriate Forest Service Of	tice).		other site specific in rized officer.	formation	and/or plans as may t	e required by the		
25. Signuature		Name	(Printed/Typ	ed)		Date			
Mark.	Stephen	Mai	rk Stephe	ns			4/21/03		
Title	1								
	Compliance Analyst								
Approved by (Signautr	Name /S/	(Printed/Typ	Ê A. THE	EISS	S Date MAY 1 2 2003				
FIEI	D MANAGER	Office	С	ARLSBAD	FIEI		E		
	loes not warrant or certify that the appl	icant holds legal or	equitable title	to those rights in	the subject	lease which would o	entitle the applicant to		
conduct operations the Conditions of approval			APPROVAL FOR 1 YEAR						
	a 1001 and Title 43 U.S.C. Section 1212 ous or fraudulent statements or represents				illy to make	e to any department of	or agency of the United		

*(Instructions on Reverse)

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED SUBJECT TO LIKE APPROVAL BY STATE (DIRECTIONAL HOLE)

Operator Occidental F	Permian Limited Partnership	Lease North Hobbs G/SA	Unit	County Lea
Well No. 30-536	Footage Location 641' FSL & 2419' FEL (SHL)	Section Towns 30 18-S		Unit Letter O
8-5/8" @ 1515'	Schematic	Surface Casing Size 8-5/8" TOC Surface	<u>Tubular Data</u> Cemented with Determined by	850 sxs. Circulated
		Hole size <u>Intermediate Casing</u> Size TOC	Cemented with Determined by	sxs.
5-1/2" @ 4415'	54	Hole size <u>Long string Casing</u> Size 5-1/2" TOC Surface Hole size	Cemented with Determined by	_1050 sxs. Circulated
	350 54	Liner Size TOC	Cemented with Determined by	sxs.
		Hole size <u>Total depth</u> 4415	;; ;	
		Injection interval Approx. 4000	feet to	
		Completion type	Perforated Casir	ng
Tubing size	2-7/8" lined with	Duoline (Fiberglass	liner)	set in a
Guiberson -	Uni VI (brand and model)	Packer at With	in 100 feet	of top perf.
Other Data				
1. Name of the	injection formation San Andr	es		
2. Name of field	d or Pool Hobbs; G	rayburg San Andre	s	
	well drilled for injection? what purpose was the well originally drille	Yes	No	
	ever been perforated in any other zone(cks of cement or bridge plug(s) used)	s)? List all such perforate None	ed intervals and give	plugging

5. 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.	DRILLING	AND COMPLE	TION PROGRAM				
Rig No.	Key 11				Date:	April 11, 20	1
API #					County:	Lea, New M	lexico
Lease:	North Hobbs G/SA Unit	Well No.	536		Field:	Hobbs	
Location:	641' FSL & 2419' FEL, Let. O	Bottomhole	486' FSL & 2573' FEL	•			
OBJECTIVE:	Sec. 30, T-18-S, R-38-E Primary: San Andres	Location: Secondary:	Let. O, Sec. 30, T-18-	5, R-30E			
OBJECTIVE:	Plinary. San Andres	Secondary.					
	METHOD OF DRILLING		APPROXIMATE DE	PTHS OF G	EOLOGIC/	L MARKER	
TYPE OF TOOLS	DEPTH OF DRILLING		Est. Elev. @ GL: 36	51' AMSL	3665' @ K	e KB	14' AGL
Rotary	Set Through - 4415 TVD	RKB	Marker				
			Redbeds				
LOG PROGRAM	Depth Interval		Rustler	1460-1555 28115			
			Yates Seven Rivers	3035			
			Oueen	3570			
			Grayburg	3900			
REMARKS:			San Andres	4020			
The Control of							
NO MUD LOGGE					Sec. As		
			TOTAL DEPTH			1.12	
	SPECIAL TESTS		# Probable complet				
TYPE	DEPTH INTERVAL, ETC	,	DRILL CUTTING S	DEPTH	FREQUE		DEPTH
			NONE	DEFIN	Continuous		0' - TD
			Remarks:	<u> </u>	Teennada		- <u></u>
Remarks: Permit v	vell to 4600' - Directional Hole		Surveys required ev	verv 500' in v	ertical 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 Contro		None
Production	Brine Water	10 - 10.2	28 - 29		No Control		None
REMARKS:							
CASING PROGRA	AM:						
	_		Cu. Ft.	Cement	Landing		
Casing String	Est. Depth Casing	Hole Size		<u>Recipe</u>	Point .	<i>.</i>	
Surface Production	1515' 8.625", 24#, J-55, ST&C 4415' 5.5", 15.5#, J-55, LT&C					fit pipe tally	
FIGUEGON	4415' 5.5", 15.5#, J-55, LT&C	7.875"		See below	4415' TVD	RKD	
Float Equipment:							
	oment 🐁 - Guide Shoe - 1 shoe joint -	Float Collar - 10 c	entralizers and the				
	uipment - Guide shoe - 1 shoe joint -			dizers			
Remarks:							
	ement with 600 sx PBCZ (10.3 gal/sx						
	Centralizers from 3400' to TD. DV-To						
	ment first stage with with 350 sx Prem				d and 100 s	x Premium F	lus tail 🖂
cement Add 23 lb	s/sx flo-cele to cement on both stages	s to improve circula	tuon to surface of cer	nent (
2.55 States							
				e faire a	iller Orest a		
GENERAL REMAR	RKS:	ana - Constantino and Antonio and Anton	n - en	WHEN REPORTED TO THE REPORT OF	and a subsection of the second second	an a	SPECIFIC STREET, SPECIFIC
Directional Hole. T	he 8-5/8" Bradenhead valves (BHO) a	re to be North - Sc	buth				
Reviewed by		Logging program	developed by:				
	Blackwell/Lowery	APPROVED:		APPROVE	D:		
	· .						

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

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

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

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

37.94 AC.

Energy, Minerals and Natural Resources Department

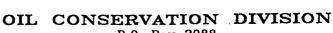
Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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12641

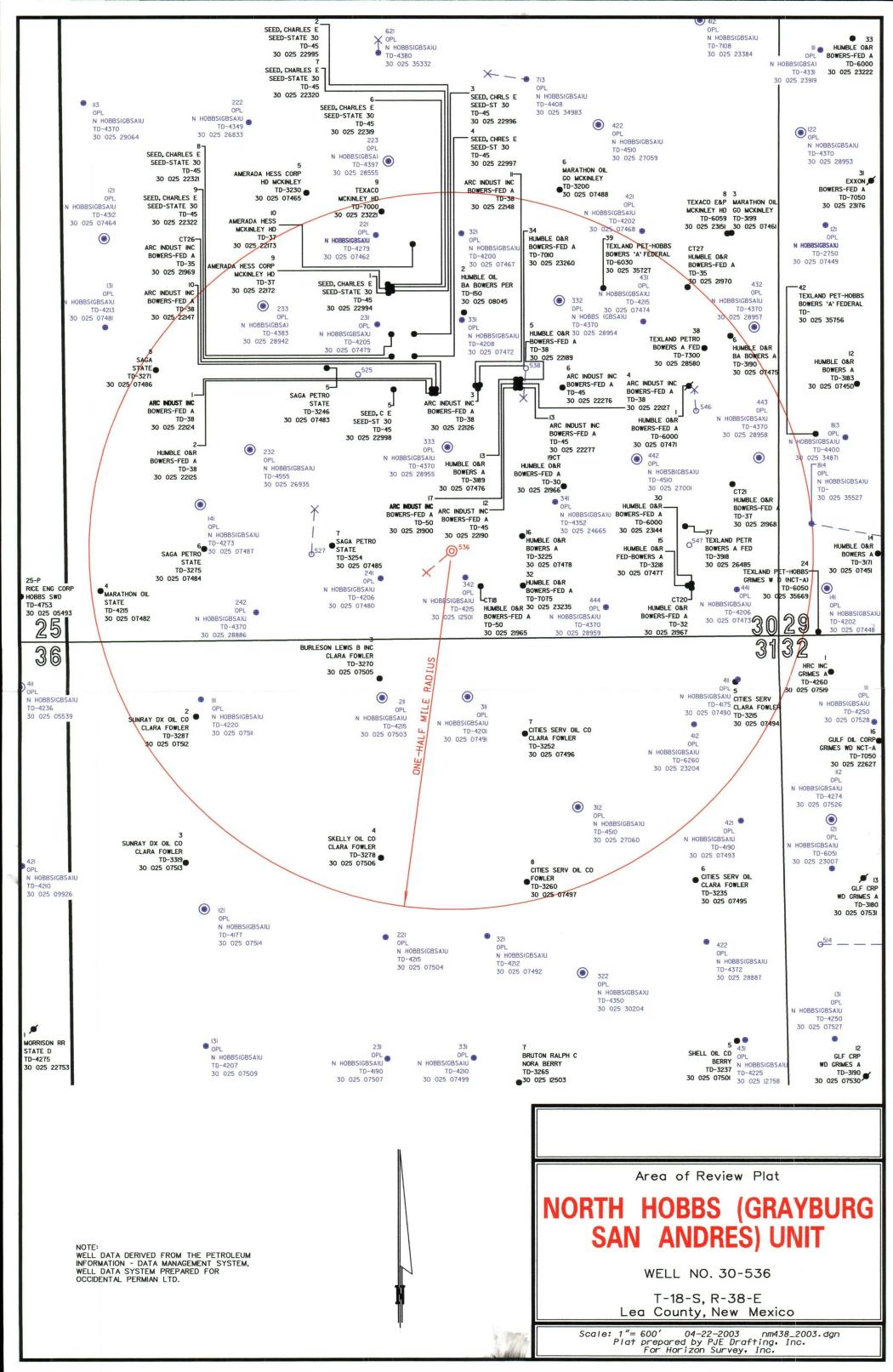
□ AMENDED REPORT

Pool Name Pool Code API Number HOBBS: GRAYBURG - SAN ANDRES 31920 Well Number **Property** Code **Property** Name 19520 NORTH HOBBS G/SA UNIT 536 OGRID No. **Operator** Name Elevation OCCIDENTAL PERMIAN LIMITED PARTNERSHIP 3651 157984 Surface Location Feet from the North/South line East/West line Feet from the UL or lot No. Range Lot Idn Section Township 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 Joint or Infill Consolidation Code Order No. 40 Ι U 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 2 OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. (TRUE BRG.) S43'41'W - 159' SURF. TO PROP. PENETRATION PT. (TRUE BRG.) S43'41'W - 217' SURF. TO PROP. BOTTOM HOLE LOC. Mark Stephen Signature 37.85 AC. Mark Stephens LOT 3 DETAIL Printed Name 3651.7' __ __ 3650.0' Reg. Comp. Analyst Ō Title April 4, 2003 3650.0' PROPOSED SURFACE LOC. Date NAD 27 NM EAST ZONE N=624915.7 E=852709.3 SURVEYOR CERTIFICATION 37.87 AC. - LAT. = 32°42'45.89"N 10⁻ 4 LONG. = 103.11.11.81"W I hereby certify that the well location shown on this plat was plotted from field notes of SEE DETAIL actual surveys made by me or under my PROPOSED PENETRATION POINT @ 3944.8 TVD-2419 supervison, and that the same is true and PROPOSED BOTTOM HOLE LOCATION @ 4414.8 TVD correct to the best of my belief. 2532 NAD 27 NM EAST ZONE N=624760.2 2573 JANUAN. Date Surveyed JANUARY 21, 2003 E=852557.7 86 LA 37.91 AC. 30 31 <u>30</u> 31 Professional Surveyor LOT 1 bary 5 tulm 3/3/03 03.11.0061 Certificate . No. RONALD J. EIDSON GARY EIDSON 3239



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

WELL LOCATION AND ACREAGE DEDICATION PLAT



17 -211 •1.4 R-38-E •411 • T.A. · 32 • 421 ·121 .131 ©331 131 . 231 331 • 431 142 1.4 1.4 1.4 @131 @231 @431 ISB (FB)342 34 0 • 241 • 342 •141 •141 .241 441 @141 • 441 41 1.0°23 21 412 •212 •1.4 19 -311 T.A. 312 2110 On Ø311 211 611 411 413© .412 @112 •211 •1.4. @311 6212 .221 Or 421 •121 321 @121 1.4 421 e121 +421 • T.A. • 421 121 .221 • 221 GAS @422 422. 232 131 REINJECTION® 432 431 .231 131 @231 @431 432 231.AREA .131 @ 331 (PHASE 1) @431 NORTH HOBBS UNIT (OCCIDENTAL PERMIAN, LTD.) ¥613 0131 332 ----331 .232 442 6442 •241 •1.4 • 441 .341 .341 ·242 241 .341 •141 • T.A. . 241 .341 441 .441 26 • 4++ • 1.4. INJECTION 112 211 311 Jan @ 313 312 29 4O²⁵ ,211 .311 • 311 3 .11 .412 @²¹¹ *-713 ดำบ * 621 0111 Ø311 411 113 @ 222 322@ 爱 642 6223 421 @402 .421 221 321 42 321 332 5121 323 533 643 .231 @ 332 431 131 432 •431 @131 -231 O @ 431 CIB @ 231 132 623 131 431 0 331 442 341 0 442 4430 23 624 @ 342 544 .241 .441 @141 142 241 •1.4. •342 634 (\mathbf{P}) .141 341 @241 .³⁴¹ 241 141 0241 6441 .44 0 d141 313 @312 411**32** 1 114 411 36 411. 412 • T.A. 021 @211 T.A. .111 @211 @311 .411 .212 .111 Т •²¹¹ × 311 18 Ø 322 Ø323 421 SB .221 Ø 321 S 0 222 545 (31E) +422 421 4 123 0 512 •221 •321 .322 . 421 0423 .43 231 .13 .331 913 •233W 431 • T.A. 743 .542 .332 @f432 6341 S. ST. 744 . 441 • 343 .341 342**√** .441 @141 Ø 342 441 • T.A. 2 4 9 •1.4 •1.4 81 S.1.8 0 .24 19 218 South Hobbs Unit (OCCIDENTAL PERMIAN, LTD.) () 38 -201 •1.4 115 014 43 45 202 --- 1.88 _19 140 141 237 142 245 -

Exhibit 2 (Well No. 536 in red; wells approved for injection under Order No. R-6199-B circled in blue)

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

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'
NIIGBSAU No. 411	30-025-23522	990' FNL & 990' FEL, Unit A, Section 24, T-18S, R-37E	4,000'-4,283'	3,900'
NHOBSAU 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 1, Section 24, T-18S, R-378	4,000'-4,300'	3.900*
NHGESAU No. 411 **	30-025-05503	330' FNL & 330' FBL, 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-385	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, Soction 30, T-18S, R-38F.	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' FFL, Unit P, Section 30, T-18S, R-38E	4,000'-4,370	3,900'
NHGBSAU No. 131	30-025-07527	2310' FS1. & 330' FWL, Unit L. Section 32, T-185, R-38E	4,000 4,250	3,900'
NIIGBSAU 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' FW1, 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' FWI,, Unit E, Secuon 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' FW1, Unit N, Section 13, T-18S, R-37E	4,000'-4,320'	3,900'
NIIGBSAU 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, Sedion 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-37B	4,000'-4,265'	3,900'
NHUBSAU No. 341 **	30-025-05475	990' FSL & 1650' FEL, Unit O, Section 23, T-188, 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' I'NL & 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.

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Exhibit 3

Statement describing any changes in status or construction of any well penetrating the injection interval within the ¹/₂-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 ¹/₂-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 ¹/₂-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 Stephen 5/21/03

Mark Stephens Regulatory Compliance Analyst Occidental Permian Limited Partnership

(August 1	999)		J	DEPAI		NT OF TI			OR	+1 -			N	1.M	1. 0	oil Co	ons. C	Vixisi	ណ្តា	
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	WE	LL CO	MPLE	TION	ORR	ECOMPL	_ETI	ON RE	PORT	AND	LOC	9	H	lob	bs,	SNM LC-03	2233-A	40		
la. Type	of Well	🗆 oil	Well [Gas V	Veli [] Dry	Other	Injecti	on			_	<u> </u>		+-		dian, Allo		ibe Name	== <u>-</u>
	of Comple	tion				Work Over		Deepen	🗆 Pli	ug Back		Diff	Resv	т,.	-	7. Unit	or CA Ag	reement	Name and	
2. Name	e of Operato	or	Othe																·	
	land Petro	oleum-H	lobbs,	L.L. C			·										se Name ar s"A" Fe		10. 39	
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						ccordance w	with Fe	deral req	uirement	s)*				-			5-35727 d and Pool	or Evol		
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Date First Produced	Test Date	Hours	Test Produ	ction B	il BL	Gas MCF	Wat BBI	er	Oil Gravi Corr. AP	ity I	Ga	s avity		Prod	uction	Method				<u></u>
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr Rate	B	ii BL	Gas MCF	Wat BB	ler SL	Gas : Oil Ratio		W	ell Stat	us							
(See Instruc	ctions and sp	aces for ac	lditional d	data on re	verse sid	e)	_!		L									-,		

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SUNDR Do not use ti	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MANA Y NOTICES AND REPO his form for proposals to rell. Use Form 3160-3 (AP	INTERIOR AGEMENT DRTS ON WI drill or to re-	enter an	1625 N. F Hobbs, N	DivisiofRoved OMB No. 1004-0135 Division November 30, 2000 Sepiet No. 233-A an, Allottee or Tribe Name			
SUBMIT IN TR	IPLICATE - Other instr	uctions on r	everse :	side	7. If Unit	or CA/Agreement, Name and/or No.		
Type of Well Oil Well Gas Well Oil Well Gas Well Texland Petroleum-Hobbs			8. Well Name and No. Bowers "A" Federal #39					
3a. Address		3b. Phone N		area code)	9. API W 30-025-			
777 Main Street, Ste. 3200 4. Location of Well (Footage, Se 2505 FSL & 1415 FE:. Sec	c., T., R., M., or Survey Description	(817)336-))	2751	and Pool, or Exploratory Area Upper Blinebry y or Parish, State exico				
12. CHECK AI	PROPRIATE BOX(ES) T	O INDICATI	E NATUR	E OF NOTICE, R	EPORT, O	DR OTHER DATA		
TYPE OF SUBMISSION			TYI	E OF ACTION				
 Notice of Intent Subsequent Report Final Abandonment Notice 	Report Alter Casing Fracture Casing Repair New Cor Change Plans Plug and		truction bandon	 Production (Start Reclamation Recomplete Temporarily Aba Water Disposal 	·	 Water Shut-Off Well Integrity Other set production casing 		
If the proposal is to deepen dire Attach the Bond under which the following completion of the inv testing has been completed. Fir determined that the site is ready	ectionally or recomplete horizonta ne work will be performed or prov- volved operations. If the operation al Abandonment Notices shall be of or final inspection.)	lly, give subsurf vide the Bond No results in a mult filed only after a	ace location on file with ple comple Il requireme	s measured and true ver h BLM/BIA. Required tion or recompletion in ints, including reclamat	tical depths subsequent r a new interva ion, have bee	ork and approximate duration thereof. of all pertinent markers and zones. eports shall be filed within 30 days al, a Form 3160-4 shall be filed once on completed, and the operator has		
TD 11/03/01 @ 6030'. 11 CENTRALIZERS: 15 jts. w/2 1/2# salt, 4/10% LAP- mud. PD at 15:30 hrs. on 2nd stage w/900 sx. inter csg w/92 BFW. PD @ 21 Released rig at 23:00 hrs	I,3,6,8,11,14,17,20,23,2 -1. 3/10% CFR-3, 1/4# I 11/3/01. Float held. Dra ill C mixed at 11.9 ppg 2 :40 hrs. on 11/3/01. Clo	6,29,32,51,1 D-air-a, Mix 1 op bomb ope 2.41 yield & 5	02,137. 3.2 ppg n stage 0 sx. Pro l w/2645	CMT REPORT: (4.86 yield. Displ tool, circ. 75 sx. c emium plus mixed # tool held. Circ.	Cmt 1st s ace csg v cmt off D\ d at 14.8 189 sx c	tage w/400 sx. super H v/60 BFW & 63 BBt rig / tool. Circo htrs. Cint ppg. 1,32 yield, displace mt to pit. Cut jt.		
			ا	ACCEPTED FOR RECORD				
				NOV 1 3 2001		ct 1101681867 5 2		
14. I hereby certify that the foregoin Name (Printed/Typed)	ng is true and correct		Title	FROLEUM ENGIN				
Ann Burdette			Regula	tory Analyst		·····		
Signate Sunti	t _		11/09/2	2001	-			
	THIS SPACE	FOR FEDERA	L OR ST	ATE OFFICE USE				
Approved by			T	itle		Date		
Conditions of approval, if any, are ertify that the applicant holds legs which would entitle the applicant t	I or equitable title to those right			ffice				
fitle 18 U.S.C. Section 1001, mak raudulent statements or representer			lly to make	to any department or a	agency of th	e United States any false, fictitious or		

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SUNDR Do not use th ebandoned w SUBMIT IN TR 1. Type of Well	UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG Y NOTICES AND REPOR Is form for proposals to d will. Use Form 3160-3 (APD) IPLICATE - Other Instruc	EMENT TS ON WE rill or to re-e for such pro	nter an posais.	- - /g	5. Losso Serial LC-032233-4 6. If Indian, All 7. If Unit or CA	A Marcoment, Name and/or No.
2. Name of Operator		<u> </u>	<u> </u>		8. Well Name a Bowers "A" F	ederal #39
Texland Petroleum-Hobbe	,L.L.C.	3b. Phane Na.	(he de de se		9. API Well No. 30-025-3572	-
777 Main Street, Ste. 3200	: T., R., M., or Survey Description,	(817)336-2	751		10. Field and Po Hobbs: Uppe 11. County or Pr Lea New Mexico	irlah, Stute
12. CHECK AI	PROPRIATE BOX(ES) TO	INDICATE	NATURE	OF NOTICE, R	eport, or o	THER DATA
TYPE OF SUDMISSION			TYPE	OF ACTION		
I Notice of Intent		Deepen		Production (Start Reclamation	/ Kesumo) 🔲	Water Shut-Off Well Intogrity
XI Subsequent Report	Casing Repair	- Now Constr	-		20	Other Spud &
Final Abandonment Notice	Change Plana	Plug and At Plug Back	andon L] Temporarily Aba] Water Disponsi	ndan	set casing
SPUD TIME: 10/25/01 dr. CENTRALIZERS: 13 eve & 250 ex. Premium plus v on 10/27/01. Float held.	lied. 10/27/01 drilled to 16 ny 3rd joint. CMT REPOR 1/2% CaCl & 1/4 Flocele.	537' CSG Ri T: Cmt w/55 Mixed 14.8	EPORT: F 0 5x. w/3 ppg & 1.3	tan 34 jts. 8 5/6 % Salt & 1/4# F 2 yield. Displa	3" 24# J55 ST Tocele, Mixed ce csg w/95 B	C csg. set at 1537', 12.9 ppg, 1.97 yield 3FW. PD 62 :45 hr
	· .					
	· · ·					
14. I hereby certify that the forego Name (Printed/Typed) Ann Burdette	ing is true and correct		Title Regulato	ry Analyst		, ,
Signature	1° The		Datc 10/30/20	 D1		
Kall	THIS SPACE FO	OR FEDERA			,	
Approved by	******		1004	,	Dato	<u></u>
Conditions of approval, if any, an certify that the applicant holds log which would entitle the applicant	al or equitable title to those rights i	in the subject les	nt or 180	Q	l	
Title 12 U.R.C. Scotion 1001, main fraudulent statements or represent	ations as to any maiter within its lu	ngly and willful madiction.	ly to make to	any dopartment or	agency of the Uni	tod States any ficks, ficilitate or
NOV-19-01 MON 02:49 1	M FROM: 817 3390970	T	0:		PAG	E 3

	State of New Mexico inerals and Natural Resources		orm C-103 arch 25, 1999
District I 1625 N. French Dr., Hobbs, NM 87240	inclus and Natural Resources	WELL API NO.	aten 25, 199
District II 811 South First, Artesia, NM 87210 OIL CO	NSERVATION DIVISION	<u>30-025-36216</u> 5. Indicate Type of Lease	······································
District III 1000 Rio Brazos Rd., Aztec, NM 87410	2040 South Pacheco Santa Fe, NM 87505	STATE X FEE]
District IV 2040 South Pacheco, Santa Fe, NM 87505		6. State Oil & Gas Lease No.	
SUNDRY NOTICES AND REI DO NOT USE THIS FORM FOR PROPOSALS TO DRIL DIFFERENT RESERVOIR. USE "APPLICATION FOR PE	L OR TO DEEPEN OR PLUG BACK	7. Lease Name or Unit Agreemen	t Name:
PROPOSALS.) 1. Type of Well: Oil Well X Gas Well Other	j.	North Hobbs G/SA Unit	t
2. Name of Operator		8. Well No.	
Occidental Permian Limited Partnership B. Address of Operator	/	525 9. Pool name or Wildcat	
P.O. Box 4294, Houston, TX 77210-4294 4. Well Location		Hobbs: Grayburg - San Ar	ndres
	from the South line ar	nd 2139 feet from the West	line
Section 30 Tow	vnship 18-S Range 38 n (Show whether DR, RKB, RT, 3652' GR	E NMPM County	Lea
11. Check Appropriate I	Box to Indicate Nature of No.	otice, Report, or Other Data	
		SUBSEQUENT REPORT OF: ORK	ASING
EMPORARILY ABANDON 🔲 CHANGE PL		DRILLING OPNS. DRILLING OPNS. DRILLING OPNS.	IFNT
ULL OR ALTER CASING DULTIPLE			
COMPLETIC			
DTHER:		Spud & Run Surface Casing	
 DTHER: 12. Describe Proposed or Completed Operations (of starting any proposed work). SEE RULE 11 or recompilation. 4/29/03: MI x RU. Spud 12-1/4" hold 4/30/03 - 5/01/03: Run 38 jts. 8-5/8", 24#, Cement with 550 sx. PBCZ 	Clearly state all pertinent details, 03. For Multiple Completions: at 5:00 p.m. (NMOCD noti J-55, ST&C casing with 13 co lead and 300 sx. Premium P1	Spud & Run Surface Casing and give pertinent dates, including estima Attach wellbore diagram of proposed com fied) eentralizers and set at 1521:13.19.2 us tail. Circulate 123 sx., to	ted date pletion
 PTHER: 12. Describe Proposed or Completed Operations (of starting any proposed work). SEE RULE 11 or recompilation. 4/29/03: MI x RU. Spud 12-1/4" hold 4/30/03 - 5/01/03: Run 38 jts. 8-5/8", 24#, Cement with 550 sx. PBCZ surface. Plug down x WOC. drilling operations. 	CEMENT JOB OTHER: S Clearly state all pertinent details, 03. For Multiple Completions: A e at 5:00 p.m. (NMOCD noti J-55, ST&C casing with 13 c lead and 300 sx. Premium P1 Nipple up BOPE x test. Dri	Spud & Run Surface Casing and give pertinent dates, including estima Attach wellbore diagram of proposed com fied) sentralizers and set at 1521 us tail. Circulate 123 sx, to 11 out cement and resume	ted date pletion
THER: 12. Describe Proposed or Completed Operations (of starting any proposed work). SEE RULE 11 or recompilation. 4/29/03: MI x RU. Spud 12-1/4" hold 4/30/03 - 5/01/03: Run 38 jts. 8-5/8", 24#, Cement with 550 sx. PBCZ surface. Plug down x WOC. drilling operations. ereby certify that the information above is true and complete the information above is	Clearly state all pertinent details, OTHER: S Clearly state all pertinent details, O3. For Multiple Completions: A e at 5:00 p.m. (NMOCD noti J-55, ST&C casing with 13 c lead and 300 sx. Premium P1 Nipple up BOPE x test. Dri	Spud & Run Surface Casing and give pertinent dates, including estima Attach wellbore diagram of proposed com fied) eentralizers and set at 1521 us tail. Circulate 123 sx., to 11 out cement and resume (2)	ted date pletion
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DTHER: 12. Describe Proposed or Completed Operations (of starting any proposed work). SEE RULE 11 or recompilation. 4/29/03: MI x RU. Spud 12-1/4" hold 4/30/03 - 5/01/03: 8/29/03: Run 38 jts. 8-5/8", 24#, Cement with 550 sx. PBCZ surface. Plug down x WOC. drilling operations. ereby certify that the information above is true and comp GNATURE Mark Stephens rpe or print name Mark Stephens	Clearly state all pertinent details, OTHER: S Clearly state all pertinent details, O3. For Multiple Completions: A e at 5:00 p.m. (NMOCD noti J-55, ST&C casing with 13 c lead and 300 sx. Premium P1 Nipple up BOPE x test. Dri	Spud & Run Surface Casing and give pertinent dates, including estima Attach wellbore diagram of proposed com fied) eentralizers and set at 1521 us tail. Circulate 123 sx., to 11 out cement and resume d belief. <u>Compliance Analyst DATE 5/2</u> Telephone No. 281/5	2027-2-2-2-3-3-5-5-2-1158
DTHER: 12. Describe Proposed or Completed Operations (of starting any proposed work). SEE RULE 11 or recompilation. 4/29/03: MI x RU. Spud 12-1/4" hold 4/30/03 - 5/01/03: Run 38 jts. 8-5/8", 24#, Cement with 550 sx. PBCZ surface. Plug down x WOC. drilling operations. ereby certify that the information above is true and compared to the structure of the	CEMENT JOB OTHER: S Clearly state all pertinent details, 03. For Multiple Completions: A e at 5:00 p.m. (NMOCD noti J-55, ST&C casing with 13 c lead and 300 sx. Premium P1 Nipple up BOPE x test. Dri Delete to the best of my knowledge an 	Spud & Run Surface Casing and give pertinent dates, including estima Attach wellbore diagram of proposed com fied) eentralizers and set at 1521 us tail. Circulate 123 sx., to 11 out cement and resume d belief. <u>Compliance Analyst DATE 5/2</u> Telephone No. 281/5	ted date pletion

Submit 3 Copies To Appropriate District	State of Ne	w Me	exico					Form C	-103
Office District I	Energy, Minerals and	Natu	iral Res	ources			Re	vised March 25,	1999
1625 N. French Dr., Hobbs, NM 87240 District II	OIL CONSERVA	TIO		SION	WELL	API NO. 30-025	-36216		
811 South First, Artesia, NM 87210	2040 Sout			31014	5. Indi	cate Type o	f Lease		
District III 1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, 1					STATE X		EE 🔲	
District IV	Santa re, i	NIVI O	7303			e Oil & Gas			
2040 South Pacheco, Santa Fe, NM 87505			•		0. 514		Lease	NO.	
SUNDRY NOTIO (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)		EPEN (OR PLUG		7. Lea	se Name or North Ho	C	reement Name	::
1. Type of Well:									
Oil Well 🛛 Gas Well 🗌	Other								
2. Name of Operator					8. We	1 No.			
Occidental Permian Limited	Partnership				5	25			
3. Address of Operator				9. Poo	l name or W	Vildcat			
P.O. Box 4294. Houston, TX 77210-4294				Hc	bbs: Gray	burg -	San Andres		
4. Well Location									
Unit Letter <u>K</u> :	1947 feet from the	Sou	ıth	line and	2139	feet from	m the	West	line
Section 30	Township 18	-S	Range	38-E	NMPI	N	Coun	ty Lea	
	10. Elevation (Show wh		<i>DR, RKI</i> 52' GR	3, RT, GR, 6	etc.)				
11. Check A	Appropriate Box to Ind	licate	Nature	of Notice	e, Report	, or Other	Data		
NOTICE OF INTE						ENT RE		OF:	
	PLUG AND ABANDON		REME	DIAL WORK			_	RING CASING	• 🗆
	CHANGE PLANS		сомм	ENCE DRIL	LING OPN	ıs. 🗖			
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASIN	G TEST ANI IT JOB	D				
OTHER:			OTHEF	R: Run S	5-1/2" Ca	asing			

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 Stephen		5/12/03
Type or print name	Mark Stephens	Telephone No.	281/552-1158
(This space for State	use)		
APPROVED BY Conditions of approv	val, if any:	TITLE DATE	

Form 3160-5 (September 2001)	DEPARTM	NITED STATES ENT OF THE INTER F LAND MANAGEM	IOR OPERA	TOR'S COP	Explice January 51, 2004
	SUNDRY NOTICE	S AND REPORTS			5. Lease Serial No.
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.					LC-032233 (A) 6. If Indian, Allottee or Tribe Name
SUB	MIT IN TRIPLICATE	- Other instruction	s on reverse side		7. If Unit or CA/Agreement, Name and/or No
1. Type of Well X Oil Well Gas	Vell Other			······	8. Well Name and No. North Hobbs G/SA No. 547
2. Name of Operator	. .				Unit
Occidental Perm 3a. Address	ian Limited Partn	ership Attn:	Mark Stephens, 338 3b. Phone No. (include of		9. API Well No. 30-025-36242
P.O. Box 4294. 4. Location of Well (Footag	louston,TX 7721 e, Sec., T., R., M., or Surv		(281) 552	-1158	10. Field and Pool, or Exploratory Area Hobbs; Grayburg-San Andres
670' FSL & 686'	FEL, Sec. 30, Le	tter P, T-18-S, F	R-38-E		11. County or Parish, State Lea Co. NM
12. C	IECK APPROPRIA	E BOX(ES) TO IN	DICATE NATURE OF	NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SU	IBMISSION		T	YPE OF ACTION	
Notice of I		Acidize	Deepen Fracture Treat	Production Reclamatio	
	ionment Notice	Casing Repair Change Plans Convert to Inject	ion Plug Back	Recomplete Temporaril Water Disp	y AbandonSurface Casing
If the proposal is to d Attach the Bond unde following completion testing has been comp	epen directionally or reco r which the work will be of the involved operations	mplete horizontally, give performed or provide the . If the operation results at Notices shall be filed o	subsurface locations and me Bond No. on file with BLM in a multiple completion or	asured and true ver M/BIA. Required sure recompletion in a n	posed work and approximate duration thereof. tical depths of all pertinent markers and zones. ubsequent reports shall be filed within 30 days new interval, a Form 3160-4 shall be filed once n, have been completed, and the operator has

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..

 I hereby certify that the foregoing is true and correct Name (Printed/Typed) 	Title		
Mark Stephens		Regulatory Comp	liance Analyst
Mark Stephen	Date	4/24/03	
ACCEPTED FOR REC(THIS SPACE FOR FEDER	AL OR STA	TE OFFICE USE	
Approved by Conditions of approval, if any are autoched, Approval of this notice does not warran	Title	<u> </u>	Date
Conditions of approval, if any are attached, Approval of this notice does not warran certify that the applicant Aodel legal or california title to those rights in the subject which would entitle the applicant to conduct operations thereon.	nt or Office lease	· .	
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for States any fase, fictitious or fraudulent statements or representations as to any matter			to any department or agency of the United
PETROLEUM ENGINER		jj	

Form 3160-5, (September 2001) 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. SUBMIT IN TRIPLICATE - Other instructions on reverse side				ON Expi 5. Lease Seri LC-03223 6. If Indian, A		
1. Type of Well Gas Well Other 2. Name of Operator Occidental Permian Limited Partnership Attn: Mark Stephens, 338-B, WL2 3a. Address 3b. Phone No. (include area code) P.O. Box 4294, Houston, TX 77210-4294 (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					Hobbs; Gr 11. County o	obs G/SA No. 547 No. 547 No. 5242 Pool, or Exploratory Area rayburg-San Andres r Parish, State
	CHECK APPROPRIATE	BOX(ES) TO INI	DICATE NATURE OF	NOTICE, REP	<u> Lea Co.</u> ORT, OR OT	
TYPE	E OF SUBMISSION		Т	PE OF ACTION		
X su	lotice of Intent ubsequent Report inal Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injecti	Deepen Fracture Treat New Construction Plug and Abandon ion Plug Back	Reclamatic	e ly Abandon	Water Shut-Off Well Integrity X Other <u>Run 5-1/2"</u> Production Casing

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 recomplete 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 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 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			
Mark Stephen	Date	4/29/03				
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 certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.	or Office		I			
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.						

Form 3160-5 (September 2001)	DEPARTME	TED STATES NT OF THE INTERIO LAND MANAGEME	OR OPERA	TOR'S COP	Y F Ol Exp 5. Lease Seri	ORM APPROVE MB NO. 1004-01 ires January 31, 2 ial No.	35
	SUNDRY NOTICES	AND REPORTS	ON WELLS		LC-03223	3(A)	
<u></u>	Do not use this form for abandoned well. Use For	proposais to drill m 3160-3 (APD) fo	or to re-enter an r such proposals.			Allottee or Tribe N	Vame
	SUBMIT IN TRIPLICATE -	Other Instructions	s on reverse side		7. If Unit or (CA/Agreement, N	ame and/or No.
1. Type of Well X Oil Well	Gas Well Other				8. Well Name North Ho		No. 814
2. Name of Operator					Unit		10. 014
	Permian Limited Partner	ship Attn: Ma	rk Stephens, 338-B		9. API Well N	ło.	
3a. Address			3b. Phone No. (include a		30-025-3		
	294. Houston. TX 77210- Footage, Sec., T., R., M., or Survey		(281) 552-	•1158		Pool, or Explora	
	FSL & 239' FWL, Sec. 29	• •			HODDS; G	rayburg-San	Andres
JUC: 013	F3L & 239 FWL, 3ec. 29	, Letter M, 1-10	5-3, K-30-C		11. County of	or Parish, State	
BHL: 805'	FSL & 1220' FWL, Sec. 2	9 Letter M T-1	18-5 R-38-F		Lea_Co.		NM
12.	CHECK APPROPRIATE			NOTICE, REPO		HER DATA	<u></u>
TYPE	OF SUBMISSION		TY	PE OF ACTION			
	otice of Intent	Acidize	Deepen	Production	(Start/Resume)	Water Shut	t-Off
X Su	bsequent Report	Alter Casing	Fracture Treat	Reclamatio	-	Well Integri	•
	•••	Casing Repair	New Construction	Recomplete		X Other Sp	oud & Run
Fir	al Abandonment Notice	Change Plans	Plug and Abandon	Temporarily	y Abandon	<u>Surface (</u>	<u>Casing</u>
		Convert to Injection	on Plug Back	Water Disp	osal	<u></u>	<u></u>
If the proposal Attach the Bon following comp testing has bee	based or Completed Operation (clearly is to deepen directionally or recomp ad under which the work will be per pletion of the involved operations. I an completed. Final Abandonment N t the final site is ready for final inspec	lete horizontally, give su formed or provide the l f the operation results in lotices shall be filed on	ubsurface locations and mea Bond No. on file with BLM a multiple completion or r	sured and true ver I/BIA. Required sure recompletion in a n	tical depths of a ubsequent report ew interval, a F	all pertinent mark rts shall be filed v Form 3160-4 shall	ers and zones. within 30 days I be filed once

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)	Title	Regulatory Compliance	Analyst				
Mark Stephens		Regulatory compliance	Allaryst				
Mark Stephen	Date	4/15/03	·				
ACCEPTED FOR PERIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by	Title		Date				
Conditions of approved, we any the analysic of this notice does not warrant or Office certify that the applicant holds appal of equitable tills to those rights in the subject lease which would entitle the applicant to conduct operations thereon.							
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.							
		<u></u>					

BUREA SUNDRY NOT Do not use this for	UNITED STATES THENT OF THE INTERIC U OF LAND MANAGEME CICES AND REPORTS OF the for proposals to drill of the Form 3160-3 (APD) for	NT DN WELLS Dr to re-enter an	FORM APPROVED OMB NO. 1004-0135 Expires January 31, 2004 5. Lease Serial No. LC-032233(A) 6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICA	ATE - Other instructions	on reverse side	7. If Unit or CA/Agreement, Name and/or No
Type of Well X Oil Well Gas Well Other Other Occidental Permian Limited Par	rtnership Attn: Mar	k Stephens, 338-B	8. Well Name and No. North Hobbs G/SA No. 814 Unit. 9. API Well No.
3a. Address 3b. Phone No. (include area code) P.O. Box 4294. Houston. TX 77210-4294 (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, Se			11. County or Parish, State Lea Co. NM
12. CHECK APPROPE TYPE OF SUBMISSION	RIATE BOX(ES) TO IND	ICATE NATURE OF NOTION	CE, REPORT, OR OTHER DATA
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Akter Casing Casing Repair Change Plans Convert to Injectio	Deepen Fracture Treat New Construction Plug and Abandon Neug Back	Production (Start/Resume) Water Shut-Off Reclamation Well Integrity Recomplete X Other
13 Describe Proposed or Completed Operation	(clearly state all pertinent detail	s including estimated starting date	of any proposed work and approximate duration thereof

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 recomplete 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 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 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			
Mark Stephen	Date	4/22/03				
ACCEPTED FOR RECORDER SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by Hanger Hanger	Title		Date			
Conditions of approval any are attacted. Approval of this notice does not warran certify that the applicant holds legal or equitable litle to those rights in the subject which would entitle the applicant to conduct operations thereon.	nt or Office lease					
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, figurations or fraudulent statements or representations as to any matter within its jurisdiction.						

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

APD Form

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

APPLICATION FOR PERMIT TO DRILL

13	Operator Name and Address nian Limited Partnership	OGRID Number 157984			
PO Box 4294 Houston, TX 7	7210-4294	API Number 30-25-36247			
Property Code 19520					

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

Proposed Casing and Cement Program

Туре	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

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

Form C-101

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

Fot (160-3 * (Set = 2191)	UNITED STATES DEPARTMENT OF THE INT BUREAU OF LAND MANAG			opy	OMBN	I APPROVED NO. 1004-0136 Ianuary 31, 2004	
A PPL J	CATION FOR PERMIT TO DRI	LL OR	REENTER	5	. Lease Serial No. LC-032233(A)	······	
		NTER		6	. If Indian, Allotee or		
1b. Type of Well X Oil W	Vell 🔲 Gas Well 🔲 Other	X ·	Single Zone Multiple Zor	ne /	Unit or CA Agreeme	ent Name and No.	
 Name of Operator Occidental Permian L 3a. Address 	imited Partnership		3b. Phone No. (include area co			u No. G/SA Unit No. 538	
<u>P.O. Box 4294, Houst</u>	on TX 77210-4294		(281) 552-1158		API Well No.		
4. Location of Well (Report loca	tion clearly and in accordance with any	State eq			Field and Pool, or E	xploratory	
At surface 1983' FSL	& 1856' FEL				Hobbs; Grayb	burg - San Andres Blk. and Survey or Area	
At proposed prod. zone	1765' FSL & 1865' FEL			["	Sec. 30, T-1	÷	
14. Distance in miles and direction			······································	12	County or Parish	13.State	
	3.6 miles Northwest fr	om Hol	bbs, NM		Lea	NM	
15. Distance from proposed* location to nearest	•	16	No. of Acres in lease	17. Spaci	ng Unit dedicated to	this well	
property or lease line, ft.					40 acre	40 acres	
18. Distance from proposed locati to nearest well, drilling, compl	ion* leted,	19	Proposed Depth	20. BLM	/BIA Bond No. on f	ile	
applied for, on this lease, ft.	587'		4600' TVD		NM279	7	
21. Elevations (Show whether DF,	KDB, RT, GL, etc.	22	2. Approximate date work will sta	rt*	23. Estimated durat	tion	
3651' GL			5/13/03		11	days	
		24. A	ttachments				
The following, completed in accord	dance with the requirements of Onshore	Oil and (Gas Order No. 1, shall be attached	to this fo	rm:		
	red surveyor. ation is on National Forest System Land ppropriate Forest Service Office).	s, the	 Bond to cover the operat Item 20 above). Operator certification. Such other site specific in authorized officer. 		·	-	
25. Signuature		Name	(Printed/Typed)		Date		
Mark Stephen			rk Stephens			4/9/03	
Title	×1			·····			
Regulatory Complia	nce Analyst					<u></u>	
Approved by (Signautrey)	hein		(Printed/Typed) S/ LESLIE A. TH	IEISS	Date	AY 1 2 2003	
FIELD MA	NAGER	Office	CARLSBAD	FIELD	OFFICE		
Application approval does not wa conduct operations thereon. Conditions of approval, if any, are	rrant or certify that the applicant holds attached.	legal or	equitable title to those rights in APPI	the subject ROVA	L FOR 1	entitle the applicant to YEAR	
Title 18 U.S.C. Section 1001 and 7 States any false, fictitious or fraudu	Title 43 U.S.C. Section 1212, make it a culent statements or representations as to	crime for any matt	any person knowlingly and willfu er within its jurisdiction.	illy to mak	e to any department of	or agency of the United	

*(Instructions on Reverse)

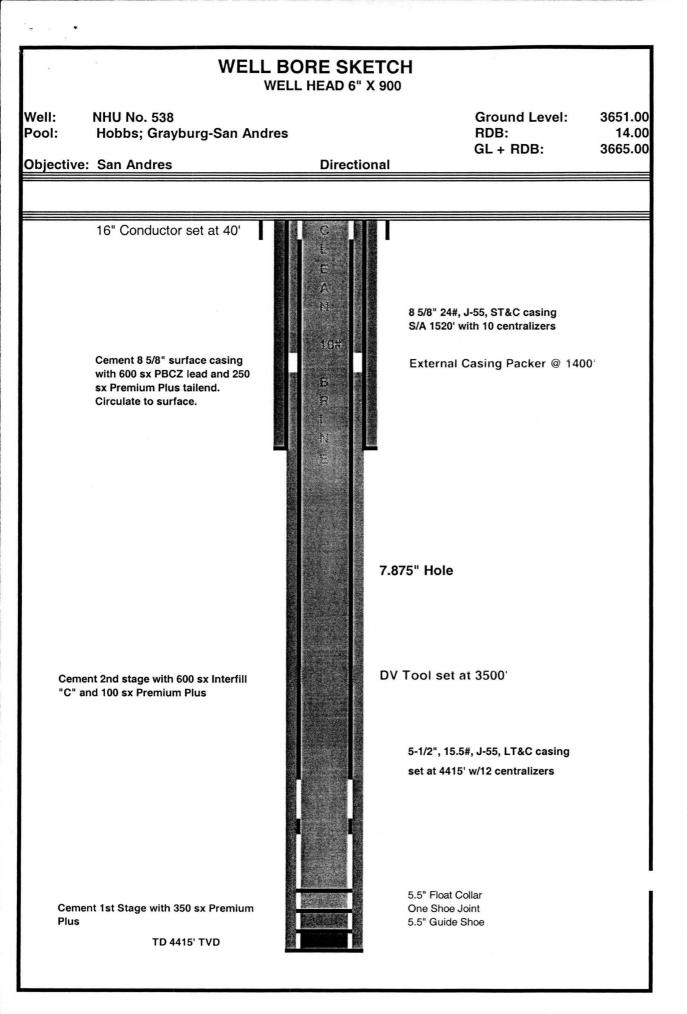
SUBJECT TO LIKE APPROVAL BY STATE

Les County Controlled Water Basin

~

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Flac No. ,		DRILLING	AND COMPLE	TION PROGRAM			per: 9300044	
Rig No.	Key 11					Date:	March 2, 20	
API #		0/04/14 11	14/-11 11	500		County:	Lea, New M Hobbs	Nexico
Lease:		os G/SA Unit	Well No.	538		Field:	HODDS	
Location:		1856' FEL, Let. J	Bottomhole	1765' FSL & 1865' FE				
		18-S, R-38-E	Location:	Let. J, Sec. 30, T-1	8-S, R-38-E			
OBJECTIVE:	Primary: S	an Andres	Secondary:					
	METHOD	OF DRILLING		APPROXIMATE DI	EPTHS OF GE	OLOGICA	L MARKER	
TYPE OF TOOLS		DEPTH OF DRILLING		Est. Elev. @ GL 36	51' AMSL	3665' @ K	E	KB: 14' AGI
Rotary		Set Through - 4415 TVD	RKB	Marker				
		C C		Redbeds	265'			
LOG PROGRAM		Depth Interval		Rustler	1460'-1560	A CARLES STREET		
C. C				Yates	2815'	a water to be the	2 Walker Mars	H. S. C. M.
· · · · · · · · · · · · · · · · · · ·				Seven Rivers	3035'	and the state of the	a and an an an an an	他将你的好你~~
				Queen	3570'	Contract look		
al and the second states and states and a second	ERINE ERIORITATION CONTRACTOR		nange gestere gester en meret anvækering	Grayburg	3900'	· 28 feb right		
REMARKS:				San Andres	4020'	1 Carlos and	• KGOTTINA	A and the later
				The second of the second	San Hours Contractor	Section Real		M. C. S. C. S.
NO MUD LOGGE	B		a state of the second		A Charles State	and the strend		and the second second
			n an an tha an	TOTAL DEPTH	4415 TVD		a state a secol	5.56
	SPECIAL	TESTS		# Probable comple	PAULOS			an an ann an
TYPE	OI LOIAL	DEPTH INTERVAL, ETC		DRILL CUTTING		DRI	LLING TIME	
				FREQUENCY	DEPTH	FREQUE		DEPTH
				NONE		Continuou		0' - TD
				Remarks:		Joonanuou		5 10
				nemarks.				
Remarks: Permit v		Directional Hole		-				
Remarks: Permit v	veii 10 4000	- Directional Hole		Surveys required e	veny 500' in ve	rt hole		
Mud Program				Jourveys required e		1111010.		
-	Tune Mud		Weight	Vis, sec/qt		W/L, cc's/	30 min	pH control
Approx Interval		. / Native Mud	8.6 - 9.5	32 - 36		No Contro		None
Surface		er / Native Mud	8.6 - 9.5 10 - 10.2	28 - 29		No Contro		None
Production	Brine Wate		10 - 10.2	20-23		No Contro	<i>.</i>	None
REMARKS:							a na sa	and the second second
and the second					SALAN CARNEL			States and the
CASING PROGRA	AM:							
				Cu. Ft.	Cement	Landing		
Casing String	Est. Depth		Hole Size		Recipe	Point		
Surface	1520'	8.625", 24#, J-55, ST&C	12.25"				o fit pipe tally	
Production	4415'	5.5", 15.5#, J-55, LT&C	7.875"		See below	4415' TVD	RKB	
Float Equipment:								
Surface float equip	oment - G	uide Shoe - 1 shoe joint -	Float Collar - 10	centralizers				
		uide shoe - 1 shoe joint - I			tralizers		and the second second	
Remarks:		AND	a Tanang Kang Kang Kang Kang Kang Kang Kang	ndales Skullenden um men sid dennes serverh versommersen som				
	ement with 6	600 sx PBCZ (10.3 gal/sx v	water & 1.88 Yie	ld) and 250 sx Prem	ium Plus (6.3	al/sx water	& 1.32 yield)
		s from 3400' to TD. DV To						
surface casing Ce	ement first st	age with with 350 sx Prem	Plus and secon	nd stage with 600 sx	Interfill "C" lea	d and 100	sx Premium	Plus tail
		to cement on both stages						
		to comon on bour dagee						1
Contraction of the second						in the second second	Ja Alera	Lister .
Sector States					A CALL AND A CALL		Provide States	
GENERAL REMA	RKS:						and the second se	
		radenhead Valves (BHO)	are to be North -	South				
Reviewed by			Logging progra	am developed by:				
PREPARED BY:	Blackwel	1/Lowery	APPROVED:		APPROVE	D:		с.
	2-acrive1	-, 100013						
								1.1.1.1
			1					



Form 3160=3 (September 2001)	DEPARTMEN	ED STATES T OF THE INTERIO AND MANAGEMEN	ĸ	Perator	rs ¢¢	OPT OMB N	APPROVED IO. 1004-0136 anuary 31, 2004		
	APPLICATION FOR PER	RMIT TO DRILL O	R REENTER		5.	Lease Serial No. LC-032233(A)	·		
la. Type of Work	DRILL	REENTER			6.	6. If Indian, Allotee or Tribe Name			
1b. Type of Well	Oil Well Gas Well	Other X	Single Zone	Multiple Zone	7.	Unit or CA Agreeme	nt Name and No.		
2. Name of Operato	-				8.	Lease Name and We	ll No.		
<u>Occidental</u> 3a. Address	ermian Limited Partners	ship	3h Phone No	(include area cod	le)		<u>G/SA Unit No.</u> 5		
	4. Houston, TX 77210-4	4294	1) 552-1158	9.	API Well No.			
4. Location of Well At surface 1	(Report location clearly and in acc 657' FSL & 620' FEL	ordance with any State of UBJECT TO LIK	equirements)*		ε [uploratory urg - San Andre Sik. and Survey or Area		
At proposed prod.	zone 1814' FSL 8	& 618' FEL				Sec. 30, T-1	8-S, R-38-E		
14. Distance in miles a	nd direction from nearest town or p				12.	County or Parish	13. State		
		<u>lorthwest from H</u>				Lea	<u>NM</u>		
 Distance from pro location to neares 			16.No. of Acres in	lease	17. Spaci	ng Unit dedicated to t	his well		
property or lease	property or lease line, ft. 6927' FSL (Also to nearest drg. unit line, if any)			10,649.53			40 acres		
	rilling, completed,		19. Proposed Depti	n	20. BLM	/BIA Bond No. on fi	k		
applied for, on th	15 lease, n. 760	•	4600 '	rvd		NM2797	/		
	whether DF, KDB, RT, GL, etc.		22. Approximate d		t*	23. Estimated durat	ion		
3647' (GL		5/	/2/03		11	days		
		24.	Attachments						
The following, compl	eted in accordance with the requiren	nents of Onshore Oil and	d Gas Order No. 1,	shall be attached	to this for	m:			
 A Drilling Plan A Surface Use Pl 	d by a registered surveyor. an (if the location is on National For ed with the appropriate Forest Servi	•	Item 20 a 5. Operator 6. Such oth	above). certification.		covered by an existin and/or plans as may b	-		
25. Signuature	Maring ^a wa 1995, ang	Nar	me (Printed/Typed)	<u></u>	<u>, , , , , , , , , , , , , , , , , , , </u>	Date			
Mark	Stephen	м	lark Stephens				4/9/03		
Title Regulatory	<pre>/ Compliance Analyst</pre>								
Approved by (Signaut		Nar	me (Printed/Typed)			Date			
Yoe	D. Lara		Joe G	Java		5	19/03		
Title FIELD	MANAGER	Off		SBAD F	FIELD		<i>, , , , , , , , , , , , , , , , , , , </i>		
	does not warrant or certify that the	e applicant holds legal of					entitle the applicant to		
conduct operations th		-				FOR 1 YE			
	on 1001 and Title 43 U.S.C. Section ous or fraudulent statements or repr				lly to make	e to any department o	r agency of the United		

*(Instructions on Reverse)

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED SUBJECT TO LIKE APPROVAL BY STATE



Flac No.		AND COMPLE	TION PROGRAM		AFE Numbe		
Rig No.	Key 11				Date:	March 2, 20	
API #					County:	Lea, New N	lexico
Lease:	North Hobbs G/SA Unit	Well No.	546		Field:	Hobbs	
Location:	1657' FSL & 620' FEL, Let. I,	Bottomhole	1814' FSL & 618' FEL				
	Sec. 30, T-18-S, R-38-E	Location:	Let. I, Sec. 30, T-18	3-S, R-38-E			
OBJECTIVE:	Primary: San Andres	Secondary:					
		the second s					
	METHOD OF DRILLING		APPROXIMATE DE				
TYPE OF TOOLS	DEPTH OF DRILLING	21/2	Est. Elev. @ GL 364	17' AMSL	3661' @ KE	3	KB: 14' AGL
Rotary	Set Through - 4411 TVD	нкв	Marker	005			
	Death Interval		Redbeds	265'	A State of Contracts		
LOG PROGRAM	Depth Interval		Rustler	1460'-1560'	The start of the second		
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Yates	2815'			CARE DATE OF STREET
			Seven Rivers	3035' 3570'			
为" 不是我们的教育 的社会社会的教育的		治疗 和疗法性的 (2)的复数	Queen	3900'			
REMARKS:			Grayburg San Andres	4020'			
NEMANNO.			San Andres	4020			
NO MUD LOGGER	3						
ACTION FOGGE		NAMES OF TRADE OF TAXABLE OF TAXABLE	TOTAL DEPTH	4411 TVD	n and Hand States Protection of Andre		ACTIVATION OF
	SPECIAL TESTS		# Probable complet	57	1.1		SHEER REPORTS
TYPE	DEPTH INTERVAL, ETC		DRILL CUTTING S		DBI	LING TIME	
	DEI IIIIIITEITINE, ETO		FREQUENCY	DEPTH	FREQUEN		DEPTH
			NONE	02.111	Continuous		0' - TD
			Remarks:		Continuouo		
Remarks: Permit w	vell to 4600' - Directional Hole						
			Surveys required ev	ery 500' in ve	ert hole.		
Mud Program			· · · · · ·				
Approx Interval	Type Mud	Weight	Vis, sec/qt		W/L, cc's/3	0 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:				124 www.abdoord.co.web.web.web.web.html			
				S AST S			Marine and
CASING PROGRA	M:						
			Cu. Ft.	Cement	Landing		
Casing String	Est. Depth Casing	Hole Size	<u>Cement</u>	Recipe	Point		
Surface	1520' 8.625", 24#, J55, ST&C	12.25			Cut hole to		
Production	4411' 5.5", 15.5#, J55, LTC	7.875		See below	4411' TVD I	ЧКВ	
Float Equipment:							
	ment - Guide Shoe - 1 shoe joint - I			line no		Trynsford	
Remarks:	uipment - Guide shoe - 1 shoe joint - F	ioal Collar - DV I	oor-EGP-12 centra	uizers		and the second	
	ement with 600 sx PBCZ (10.3 gal/sx v	unter 9 1 00 Vield	and 050 py Dramius	n Dius (6.9 a	allow water 9		
	Centralizers from 3400' to TD. DV To	and the second state of the se		Concerns of the second s			
	ment first stage with with 350 sx Prem.						
	s/sx flo-cele to cement on both stages				and 100 sx	(Filemium)	
coment. Add 25 lb	as no-cele to certient on both stages	to improve circula	anon to surface of cer	nemu			
- particular for the second			in a principal and a second	**************************************			
GENERAL REMAF	RKS:			an e to specific de la de l			
	The 8 5/8" Bradenhead Valves (BHO)	are to be North - S	South.				
Reviewed by		Logging program	developed by:				
	Mike Blackwell	APPROVED:		APPROVED	D:		

۲		BORE SKETC		
Well: Pool: Objective:	NHU No. 546 Hobbs; Grayburg-San Andr : San Andres	Ires Directional	RDB:	3647.00 14.00 3661.00
	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'	
		7.8	375" Hole	
	ent 2nd stage with 600 sx Interfill nd 100 sx Premium Plus		7 Tool set at 3500' 5-1/2", 15.5#, J-55, LT&C casing set at 4411' w/12 centralizers	
Cemen Plus	nt 1st Stage with 350 sx Premium TD 4411' TVD		5.5" Float Collar One Shoe Joint 5.5" Guide Shoe	

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

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

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

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

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

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

Complete items 1, 2, and 3. Also complete	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.	A. Received by (Please Print Clearly) B. Date of Delivery
Print your name and address on the reverse so that we can return the card to you.	C. Signature
Attach this card to the back of the mailpiece, or on the front if space permits.	X Agent Addressee
Article Addressed to:	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
Texland Petroleum-Hobbs, LLC	in (EG, enter delivery address below 10
777 Main, Suite 3200	
Ft. Worth, TX 76102	
	3. Service Type
	Certified Mail D Express Mail
	Registered Return Receipt for Merchandise Insured Mail C.O.D.
	4. Restricted Delivery? (Extra Fee)
Article Number (Transfer from service label) 7001 0320	JOD2 0354 8575
	eturn Receipt 102595-01-M-1424
	·
	anana anana ana anana ana ana ana ana a
ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.	A. Received by (Please Print Clearly) B. Date of Delivery
Print your name and address on the reverse so that we can return the card to you.	C. Signature
Attach this card to the back of the mailpiece,	Agent
or on the front if space permits.	D. Is delivery address different from item 1? Yes
Article Addressed to:	If YES, enter delivery address below: 12 No
Charles E. Seed	
P.O. Box 5102	
Lovington Hwy. Hobbs, NM 88240	
100000 141 00240	3. Service Type ☐ Certified Mail □ Express Mail
	Registered Return Receipt for Merchandise
	Insured Mail C.O.D. A Restricted Delivery? (Extra Fee)
Article Number	4. Restricted Delivery? (Extra Fee)
(Transfer from service label)	
(Transfer from service label) / UUL UJC	4. Restricted Delivery? (Extra Fee)
(Transfer from service label) ?UUL U32	4. Restricted Delivery? (Extra Fee) I Yes 20 0002 0354 8568
(Transfer from service label) 7001 032 S Form 3811, March 2001 Domestic Re	4. Restricted Delivery? (Extra Fee) I Yes 20 0002 0354 8568
(Transfer from service label) 7001 032 S Form 3811, March 2001 Domestic Re ENDER: COMPLETE THIS SECTION	4. Restricted Delivery? (Extra Fee) Yes 20 0 0 2 0 3 5 4 5 5 5 eturn Receipt 102595-01-M-1424 102595-01-M-1424 102595-01-M-1424 102595-01-M-1424 COMPLETE THIS SECTION ON DELIVERY 102595-01-M-1424 102595-01-M-1424 102595-01-M-1424
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(Transfer from service label) YUUL USE S Form 3811, March 2001 Domestic Re ENDER: 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. Article Addressed to: ExxonMobil Production Company U.S. West P.O. Box 4358	4. Restricted Delivery? (Extra Fee) Yes 20 0 0 0 0 2 0 3 5 4 8 5 6 8 eturn Receipt 102595-01-M-1424 COMPLETE THIS SECTION ON DELIVERY A. Received by (Please Print Clearly) B. Date of Delivery C. Signature X Addressee D. Is delivery address different from item 1? Yes
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(Transfer from service label) YUUL USE S Form 3811, March 2001 Domestic Re ENDER: 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. Article Addressed to: ExxonMobil Production Company U.S. West P.O. Box 4358	4. Restricted Delivery? (Extra Fee) Yes 20 0002 0354 A558 eturn Receipt 102595-01-M-1424 COMPLETE THIS SECTION ON DELIVERY A. Received by (Please Print Clearly) B. Date of Delivery C. Signature Addressee X Addressee D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No 3. Service Type Certified Mail

PS Form 3811, March 2001

3

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.	A. Received by (Please Print Clearly) B. Date of Delivery
 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. 	C. Signature
or on the front if space permits.	X □ Addressee
. Article Addressed to:	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
Lewis B. Burleson, Inc.	
P.O. Box 2479	
Midland, TX 78702	
	3. Service Type
	Cartified Mail Express Mail Registered Return Receipt for Merchandise
	Insured Mail C.O.D.
	4. Restricted Delivery? (Extra Fee)
. Article Number 7001 0320 (Transfer from service label)	0002 0354 8544
S Form 3811, March 2001 Domestic Re	turn Receipt 102595-01-M-1424
ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete	A. Received by (Please Print Clearly) B. Date of Delivery
item 4 if Restricted Delivery is desired. Print your name and address on the reverse	
so that we can return the card to you.	C. Signature
Attach this card to the back of the mailpiece, or on the front if space permits.	X Addressee
Article Addressed to:	D. Is delivery address different from item 1?
	in red, enter derivery address below.
Saga Petroleum, LLC	
415 W. Wall, Suite 835 Midland, TX 79701	*
	3. Service Type
	Cartified Mail D Express Mail
	Registered Return Receipt for Merchandise Insured Mail C.O.D.
	4. Restricted Delivery? (Extra Fee)
Article Number (Transfer from service label) 7001, 0320	0002 0354 8537
S Form 3811, March 2001 Domestic Ref	turn Receipt 102595-01-M-1424
and the second	n (n. 1997) - Andrew (n. 1997) - Andrew (n. 1997) Andrew (n. 1997) - Andrew (n. 1997)
ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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Attach this card to the back of the mailpiece, or on the front if space permits.	X Addressee
. Article Addressed to:	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
ChevronTexaco	
Attn: NOJV Manager	
15 Smith Road Midland, TX 79705	3. Service Type
manung in 19105	Certified Mail Express Mail Registered Return Receipt for Merchandise
	4. Restricted Delivery? (Extra Fee)
Article Number 7001 0320	0002 0354 8520
(Transfer from service label)	

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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 <u>1</u>

weeks.

Beginning with the issue dated

April 30 2003 and ending with the issue dated

<u>April 30</u> 2003 <u>Kathi Blarden by</u>chaki Publisher

Sworn and subscribed to before

me this <u>30th</u> day of

 $\frac{\text{April}}{1001 \cdot 1000} 2003$

Motary Public.

My Commission expires October 18, 2004 (Seal)

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

LEGAL NOTICE April 30, 2003

Notice is hereby given of the application of Occidental Permian Limited Patnership, Attn: Mark Stephens, P.O. Box 4294, Rm. 338-B, Houston, TX 77210-4294 (281/552-1158), to the Oil Conservation Division, New Mexico Energy, Minerals and Natural Resources Department, for approval of the following injection well for the purpose of tertiary recovery:

Pool Name: Hobbs; Grqayburg - 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 Andres Pool between the intervals of +/- 3680' and +/- 5300' betwy, the surface of the ground. Expected maximum injection rate is 9000 B/D (water)/15,000 MCF/D (CO2 & produced gas), and the expected maximum injection pressure is approximately f100psi (water)/1250 psi (CO2)/1770 psi (CO2 & produced gas). Interested parties must file objections or requests to chearing with the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, NM 87504 within fifteen (15) days.

02101173000 67513481

Ł

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

Jones, William V

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

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.

1 of_

weeks.

Beginning with the issue dated

April 30 2003 and ending with the issue dated

April 30 2003 Publisher

Sworn and subscribed to before

30th me this_ day of

2003

Motary Public.

My Commission expires October 18, 2004 (Seal)

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

02101173000 67513481

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

Notice is hereby given of the application of Occidental Per-mian Limited Patnership. Atn: Mark Stephens, P.O. Box 4294, Rm. 398-B, Houston, TX 77/210-4294 (281/552-1158), to the Oil Copsavation Division, New Mexico Energy. Minerals and Natural Resources Department, for ap-

LEGAL NOTICE

April 30, 2003 - /

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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 Maxico

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1-281-552-1381