



**Occidental Permian Ltd.**

A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521  
P.O. Box 4294, Houston, Texas 77210-4294  
Phone 713.215.7000

October 25, 2006

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

ATTN: Mr. David R. Catanach

RE: Request to Activate Well  
North Hobbs (Grayburg/San Andres) Unit  
Well No. 518 (30-025-38114)  
Letter M, Sec. 18, T-18-S, R-38-E  
Lea County, NM

2006 OCT 26 AM 10 30

Dear Mr. Catanach:

Occidental Permian Limited Partnership respectfully requests Division approval to utilize North Hobbs G/SA Unit Well No. 518 as an injection well (CO<sub>2</sub>, water, and produced gas) within the NHGSAU Pressure Maintenance Project. The well had been identified as a 'New Well To Be Drilled' (originally shown as Well No. 118) on Exhibit "A" of Order No. R-6199-B. Well No. 518 has been approved for drilling, but drilling operations have not yet commenced.

In support of this filing, attached please find copies of Form C-101 & C-102 for the well, injection well data sheets, and area of review data.

Your favorable consideration of our request will be appreciated. If you have any questions or need additional information, please call me at (713) 366-5158.

Very truly yours,

Mark Stephens  
Regulatory Compliance Analyst

Attachments

**Exhibit "A"**  
**Division Order No. R-6199-B**  
**North Hobbs Grayburg San Andres Unit Tertiary Recovery Project**  
**Approved Injection Wells (New Wells To Be Drilled)**

Well Name & Number	API Number	Well Location	Injection Interval	Packer Depth
NHGBSAU No. 118 **	N/A	Footage Undetermined, Unit J or P, Section 18, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 118 **	N/A	Footage Undetermined, Unit L or N, Section 18, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 118 **	N/A	Footage Undetermined, Unit M or N, Section 18, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 112 **	N/A	Footage Undetermined, Unit D, Section 19, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 142 **	N/A	Footage Undetermined, Unit N, Section 19, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 120	N/A	Footage Undetermined, Unit D or F, Section 20, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 312 **	N/A	Footage Undetermined, Unit B, Section 24, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 331 **	N/A	Footage Undetermined, Unit J, Section 24, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 124 **	N/A	Footage Undetermined, Unit G, Section 24, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 124 **	N/A	Footage Undetermined, Unit F, Section 24, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 125 **	N/A	Footage Undetermined, Unit A or B, Section 25, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 323	N/A	Footage Undetermined, Unit G, Section 29, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 342	N/A	Footage Undetermined, Unit O, Section 29, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 442	N/A	Footage Undetermined, Unit P, Section 29, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 129	N/A	Footage Undetermined, Unit E, Section 29, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 222 **	N/A	Footage Undetermined, Unit F, Section 30, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 422	N/A	Footage Undetermined, Unit H, Section 30, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 442	N/A	Footage Undetermined, Unit P, Section 30, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 312	N/A	Footage Undetermined, Unit B, Section 31, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 222	N/A	Footage Undetermined, Unit F, Section 32, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 323	N/A	Footage Undetermined, Unit G, Section 32, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 331	N/A	2310' FSL & 2310' FEL, Unit J, Section 32, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 431	N/A	Footage Undetermined, Unit I, Section 20, T-18S, R-38E	4,000'-4,500'	3,900'
NHGBSAU No. 342	N/A	Footage Undetermined, Unit O, Section 30, T-18S, R-38E	4,000'-4,500'	3,900'

**\*\* Denotes wells that are authorized to inject CO<sub>2</sub>, water, and produced gas.  
All other wells are authorized to inject CO<sub>2</sub> and water only.**

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

Form C-101  
Permit 37249

**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, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address OCCIDENTAL PERMIAN LTD PO Box 4294 Houston, TX 77210		2. OGRID Number 157984
		3. API Number 30-025-38114
4. Property Code 19520	5. Property Name NORTH HOBBS G/SA UNIT	6. Well No. 518

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	18	18S	38E	4	275	S	1030	W	LEA

**8. Pool Information**

HOBBS;GRAYBURG-SAN ANDRES	31920
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**Additional Well Information**

9. Work Type New Well	10. Well Type CO2	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3667
14. Multiple N	15. Proposed Depth	16. Formation San Andres	17. Contractor	18. Spud Date 12/1/2006
Depth to Ground water 50		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1535	850	0
Prod	7.875	5.5	15.5	4600	1000	0

**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1100	
DoubleRam	3000	1100	

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 NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed Name: Electronically filed by Elizabeth Bush-Ivie

Title: Regulatory Team Leader

Email Address: Elizabeth\_Bush@oxy.com

Date: 9/6/2006

Phone: 713-366-5303

**OIL CONSERVATION DIVISION**

Approved By: Chris Williams

Title: District Supervisor

Approved Date: 9/8/2006      Expiration Date: 9/8/2007

Conditions of Approval Attached

District I

1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

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

Form C-102  
Permit 37249

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-38114	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 No. 518
7. OGRID No. 157984	8. Operator Name OCCIDENTAL PERMIAN LTD	9. Elevation 3667

**10. Surface Location**

UL - Lot M	Section 18	Township 18S	Range 38E	Lot Idn 4	Feet From 275	N/S Line S	Feet From 1030	E/W Line W	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot N	Section 18	Township 18S	Range 38E	Lot Idn N	Feet From 275	N/S Line S	Feet From 1380	E/W Line W	County LEA
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12. Dedicated Acres 40.00	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**

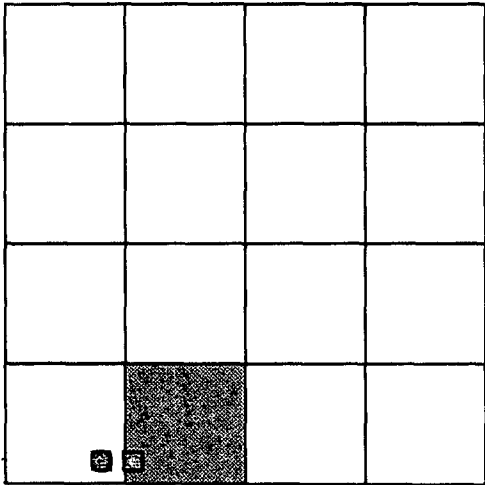
	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>E-Signed By: Elizabeth Bush-Ivie Title: Regulatory Team Leader Date: 9/6/2006</p>
	<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Gary Eidson Date of Survey: 4/24/2006 Certificate Number: 12641</p>

EXHIBIT 1.0

North Hobbs (Grayburg/San Andres) Unit

Well No. 518

275' FSL & 1030' FWL, UL M, Sec. 18, T-18-S, R-38-E (SHL)

275' FSL & 1380' FWL, UL N, Sec. 18, T-18-S, R-38-E (BHL)

Lea Co., NM

**Produced Water**

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

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

**CO2 & Produced Gas**

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

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

Source Water - San Andres produced water

Injection Interval: Approximately 4000' to TD (4600')

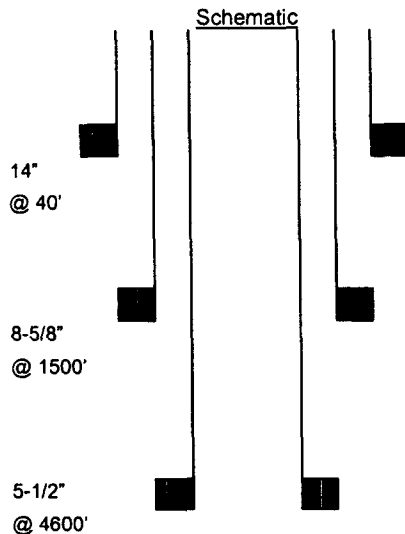
Next higher oil zone - Byers (Queen) @ +/- 3680'

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.

**INJECTION WELL DATA SHEET**  
(New Drill Proposed Design)

Operator <b>Occidental Permian Limited Partnership</b>		Lease <b>North Hobbs G/SA Unit</b>		County <b>Lea</b>	
Well No. <b>518</b>	Footage Location <b>275 FSL &amp; 1030 FWL</b>	Section <b>18</b>	Township <b>18-S</b>	Range <b>38-E</b>	Unit Letter <b>M</b>



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	<u>14" Cond.</u>	Cemented with	<u>50</u> sxs.
TOC	<u>Surf</u>	Determined by	<u>Calc.</u>
Hole size	<u>16"</u>		
<u>Intermediate Casing</u>			
Size	<u>8-5/8"</u>	Cemented with	<u>850</u> sxs.
TOC	<u>Surf</u>	Determined by	<u>Circ.</u>
Hole size	<u>12-1/4"</u>		
<u>Long string Casing</u>			
Size	<u>5-1/2"</u>	Cemented with	<u>1000</u> sxs.
TOC	<u>Surf</u>	Determined by	<u>Circ.</u>
Hole size	<u>7-7/8"</u>		
<u>Production String</u>			
Size	<u>                    </u>	Cemented with	<u>                    </u> sxs.
TOC	<u>                    </u>	Determined by	<u>                    </u>
Hole size	<u>                    </u>		
<u>Total depth</u>	<u>4600'</u>		

Injection interval  
Approx. 4000 feet to TD

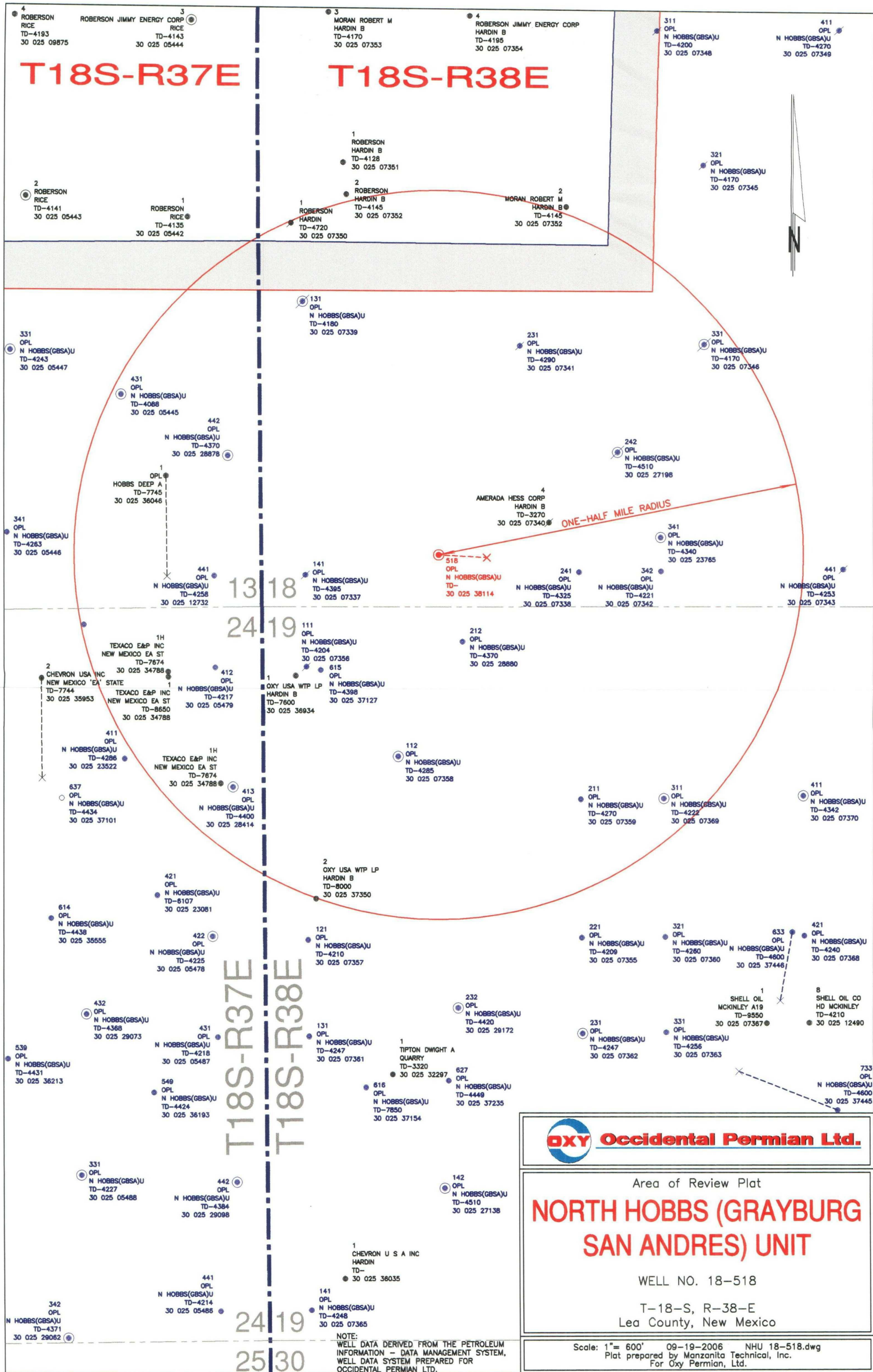
Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a  
Halb G6 or similar style packer at Within 100 feet of top perf.  
(brand and model)

Other Data

1. Name of the injection formation San Andres
2. Name of field or Pool Hobbs; Grayburg – San Andres
3. Is this a new well drilled for injection? ☒ Yes ☐ No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No  
\_\_\_\_\_  
\_\_\_\_\_
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'  
\_\_\_\_\_





Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French, Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.  
30-025-36046

5. Indicate Type Of Lease  
STATE ☐ FEE ☒  
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_  
b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name  
Hobbs Deep 'A'

2. Name of Operator  
Occidental Permian Limited Partnership

8. Well No.  
1

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

9. Pool name or Wildcat  
Wildcat; Tubb-Drinkard-Abo

4. Well Location

SHL: Unit Letter P : 990 Feet From The South Line and 660 Feet From The East Line  
BHL: P 335.7 336 South 653.7 654 East  
Section 13 Township 18-S Range 37-E NMPM Lea County

10. Date Spudded 11/20/02	11. Date T.D. Reached 12/11/02	12. Date Compl. (Ready to Prod.) 1/12/03	13. Elevations (DF & RKB, RT, GR, etc.) 3671' GR	14. Elev. Casinghead
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15. Total Depth 7745'	16. Plug Back T.D. 7745'	17. If Multiple Compl. How Many Zones? <u>3</u>	18. Intervals Drilled By 7745'	Rotary Tools	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name  
6566' - 6710' (Tubb); 6710' - 7145' (Drinkard); 7145' - 7745' (Abo)  
20. Was Directional Survey Made  
Yes

21. Type Electric and Other Logs Run  
Comp. Z-Densilog/CNL/GR; DL/ML/GR; Digital Acoustilog/GR  
22. Was Well Cored  
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16	Conductor	40	26	200 sx.	
9-5/8	36	1545	13-3/4	1000 sx.	
7	26	6553	8-3/4	1475 sx.	

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

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

28. PRODUCTION

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

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

30. List Attachments  
Logs (3 ea.), Inclination Report, Directional Survey

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

Signature Mark Stephens Printed Name Mark Stephens Title Reg. Comp. Analyst Date 9/10/03



Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs NM 88241-1980  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-025-36046
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Hobbs Deep 'A'
8. Well No. 1
9. Pool name or Wildcat Wildcat: Tubb, Drinkard, Abo
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3671' GL

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

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	2. Name of Operator Occidental Permian Limited Partnership
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	4. Well Location SHL: Unit Letter P : 990 Feet From The South Line and 660 Feet From The East Line BHL: P 330 South 660 East Section 13 Township 18-S Range 37-E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3671' GL	

11.

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

12/4/02 -

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

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

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

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

SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 1/16/03  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE PAUL F. KAUTZ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: PETROLEUM ENGINEER

JAN 20 2003

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**DISTRICT I**

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

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. <b>30-025-36046</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Hobbs Deep 'A'</b>
8. Well No. <b>1</b>
9. Pool name or Wildcat <b>Wildcat: Tubb. Drinkard. Abo</b>

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. Name of Operator <b>Occidental Permian Limited Partnership</b>	
3. Address of Operator <b>P.O. Box 4294, Houston, TX 77210-4294</b>	
4. Well Location SHL: Unit Letter <b>P</b> : <b>990</b> Feet From The <b>South</b> Line and <b>660</b> Feet From The <b>East</b> Line BHL: <b>P</b> <b>330</b> <b>South</b> <b>660</b> <b>East</b> Section <b>13</b> Township <b>18-S</b> Range <b>37-E</b> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3671' GL</b>	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <b>Spud &amp; Run Surface Casing</b> <input checked="" type="checkbox"/>

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

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

11/21/02 -

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

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

SIGNATURE Mark Stephens TITLE Business Analyst (SG) DATE 11/26/02  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)  
ORIGINAL SIGNED BY  
CHRIS WILLIAMS  
OC DISTRICT SUPERVISOR/GENERAL MANAGER

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

DEC 03 2002

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I

1625 N. French, Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-105  
Revised June 10, 2003

WELL API NO.

30-025-37127

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

2. Name of Operator

Occidental Permian Limited Partnership

3. Address of Operator

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

7. Lease Name or Unit Agreement Name

North Hobbs G/SA Unit

8. Well No.

615

9. Pool name or Wildcat

Hobbs; Grayburg - San Andres

4. Well Location

Unit Letter D : 469 Feet From The North Line and 402 Feet From The West Line

Section 19 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded

4/5/05

11. Date T.D. Reached

4/11/05

12. Date Compl. (Ready to Prod.)

4/28/05

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

3667' GR

14. Elev. Casinghead

15. Total Depth

4398'

16. Plug Back T.D.

4354'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

4398'

Cable Tools

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

4160' - 4282'; Grayburg-San Andres

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CN-SGR-CCL; NGR-SL-CCL

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16	Conductor	40	26	100 SX.	
8-5/8	24	1543	12-1/4	900 SX.	
5-1/2	15.5	4398	7-7/8	900 SX.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4082'	

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

4160' - 4282' (2 JSPF, 138 holes)

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

4160' - 4282'

3600 Gal. 15% NEFE HCL

28. PRODUCTION

Date First Production 4/28/05		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - ESP, Reda					Well Status (Prod. or Shut-in) Producing	
Date of Test 5/13/05	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 15	Gas - MCF 23	Water - Bbl. 1644	Gas - Oil Ratio 1533	
Flow Tubing Press. N/A	Casing Pressure 35	Calculated 24- Hour Rate	Oil - Bbl. 15	Gas - MCF 23	Water - Bbl. 1644	Oil Gravity - API - (Corr.) 35		

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

Gas is reinjected as a part of the North Hobbs Unit CO2 flood

Test Witnessed By

T. Summers

30. List Attachments

Logs (2 ea.): Deviation Report

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

Signature

Mark Stephens

Printed Name

Mark Stephens

Title Reg. Comp. Analyst Date

6/1/05

E-mail address

Mark Stephens@oxy.com

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

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

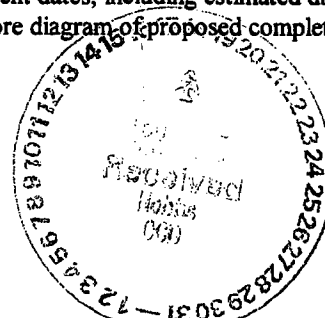
Form C-103  
May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-37127
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Occidental Permian Limited Partnership		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294		7. Lease Name or Unit Agreement Name: North Hobbs G/SA Unit
4. Well Location Unit Letter <u>D</u> : <u>469</u> feet from the <u>North</u> line and <u>402</u> feet from the <u>West</u> line Section <u>19</u> Township <u>18-S</u> Range <u>38-E</u> NMPM County <u>Lea</u>		8. Well Number 615
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3667' GR		9. OGRID Number 157984
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat Hobbs: Grayburg - San Andres

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Run 5-1/2" casing <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment



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

SIGNATURE Mark Stephen TITLE Regulatory Compliance Analyst DATE 4/14/05  
Type or print name Mark Stephens E-mail address: Mark\_Stephens@oxy.com Telephone No. (713) 366-5158

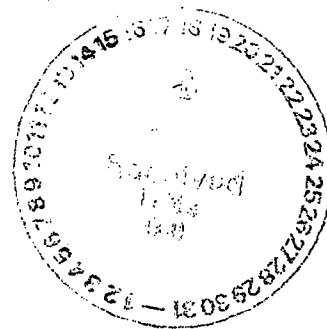
For State Use Only  
APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE APR 22 2005  
Conditions of Approval, if any:

4/11/05 -

4/12/05:

Run 103 jts. 5-1/2", 15.5#, J-55, LT&C casing with 10 centralizers and set at 4398'. Cement first stage with 250 sx. Premium Plus. Plug down, open DV tool, and circulate 80 sx. to surface. Circulate 4 hours between stages. Cement second stage with 600 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Plug down and circulate 190 sx. to surface. Set slips x cut off casing. NU wellhead x rig down.

Release drilling rig at 10:00 a.m., 4/12/05



Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-103

May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-37127
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Occidental Permian Limited Partnership		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294		7. Lease Name or Unit Agreement Name: North Hobbs G/SA Unit
4. Well Location Unit Letter <u>D</u> : <u>469</u> feet from the <u>North</u> line and <u>402</u> feet from the <u>West</u> line Section <u>19</u> Township <u>18-S</u> Range <u>38-E</u> NMPM County <u>Lea</u>		8. Well Number 615
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3667' GR		9. OGRID Number 157984
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat Hobbs; Grayburg - San Andres

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

NOTICE OF INTENTION TO:

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

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Spud & Run Surface Casing ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

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

SIGNATURE Mark Stephen TITLE Regulatory Compliance Analyst DATE 4/12/05

Type or print name Mark Stephens

E-mail address: Mark\_Stephens@oxy.com  
Telephone No. (713) 366-5158

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE APR 20 2005

Conditions of Approval, if any:



4/5/05: MI x RU. Spud 12-1/4" hole at 7:30 p.m. (NMOCD notified)

4/6/05 -

4/7/05: Run 37 jts. 8-5/8", 24#, J-55, ST&C casing with 11 centralizers and set at 1543'.  
RU Halliburton x cement with 600 sx. PBCZ lead and 300 sx. Premium Plus tail.  
Displace with 94 bbls FW x circulate 283 sx. cement to surface. WOC. Cut off  
conductor x weld on wellhead x nipple up BOP. Test to 1100 psi. Drill out cement  
and resume drilling operations.



Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

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

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-105  
Revised June 10, 2003

WELL API NO.

30-025-36934

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

OXY USA WTP Limited Partnership

3. Address of Operator

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

4. Well Location

Unit Letter D : 410 Feet From The North Line and 348 Feet From The West Line

Section 19 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded

11/23/04

11. Date T.D. Reached

1/17/05

12. Date Compl. (Ready to Prod.)

4/29/05

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

3667' GR

14. Elev. Casinghead

15. Total Depth

7866'

16. Plug Back T.D.

7550'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

7866'

Cable Tools

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

7116' - 7536' (Abo)

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

CNL/Comp. Z-Densilog/DS/GR; DL/ML/GR; DA/MAA/GR

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14	Conductor	40	18	50 sx.	
8-5/8	24	1508	12-1/4	675 sx.	
5-1/2	15.5	7600	7-7/8	2985 sx.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	7203	

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

7116' - 7536', 2 spf, 120 degree phasing

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7116' - 7536'	6000 gal. 15% NEFEOHCL

28. PRODUCTION

Date First Production 5/3/05		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2.5" x 1.5" x 20' insert rod pump					Well Status (Prod. or Shut-in) Producing	
Date of Test 5/22/05	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 205	Gas - MCF 230	Water - Bbl. 5	Gas - Oil Ratio 1122	
Flow Tubing Press. N/A	Casing Pressure 500	Calculated 24- Hour Rate	Oil - Bbl. 205	Gas - MCF 230	Water - Bbl. 1	Oil Gravity - API - (Corr.) 39.5		

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

Sold

Test Witnessed By

T. Summers

30. List Attachments

Logs (3 ea.): Inclination Report

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

Signature

Mark Stephens

Printed Name

Mark Stephens

Title Reg. Comp. Analyst Date 6/15/05

E-mail address

Mark Stephens@oxy.com

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-103  
May 27, 2004

<b>WELL API NO.</b> 30-025-36934	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name: B. Hardin	
8. Well Number 1	
9. OGRID Number 192463	
10. Pool name or Wildcat Wildcat: Fussleman	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator OXY USA WTP Limited Partnership	
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	
4. Well Location Unit Letter <u>D</u> : <u>410</u> feet from the <u>North</u> line and <u>348</u> feet from the <u>West</u> line Section <u>19</u> Township <u>18-S</u> Range <u>38-E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3667' GL	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Run 5-1/2" Production Casing <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 12/29/04

Type or print name Mark Stephens

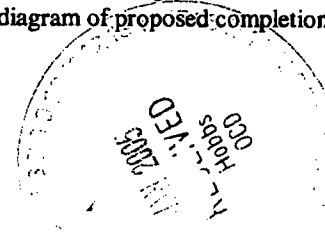
E-mail address: Mark\_Stephens@oxy.com

Telephone No. (713) 366-5158

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE \_\_\_\_\_

Conditions of Approval, if any:



12/18/04 - 12/19/04:

Run 181 jts. 5-1/2". 15.5#, J-55, LT&C casing w/16 centralizers and set at 7600'. Could not establish circulation for first stage cement due to packing off. Could not open DV tool at 6987'; perf casing at 6981' - 6984'. Pump second stage cement w/825 sx. Super 'H' cement. Plug down and did not circulate. Open DV tool at 3530' and cement third stage w/ 2160 sx. Interfill 'C' and plug down. Circulate 200 sx. cement to surface. Set slips, nipple down, and rig down.

Release drilling rig at 6:00 a.m., 12/19/04

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
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1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

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

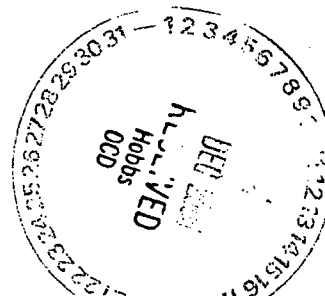
Form C-103  
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	WELL API NO. 30-025-36934
2. Name of Operator OXY USA WTP Limited Partnership	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>D</u> : <u>410</u> feet from the <u>North</u> line and <u>348</u> feet from the <u>West</u> line Section <u>19</u> Township <u>18-S</u> Range <u>38-E</u> NMPM County <u>Lea</u>	7. Lease Name or Unit Agreement Name: B. Hardin
	8. Well Number 1
	9. OGRID Number 192463
	10. Pool name or Wildcat Wildcat: Fussleman
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3667' GL	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Spud & Run Surface Casing <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment



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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 11/30/04  
Type or print name Mark Stephens E-mail address: Mark\_Stephens@oxy.com  
Telephone No. (713) 366-5158

For State Use Only

APPROVED BY Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE DEC 29 2004  
Conditions of Approval, if any:

11/23/04: MI x RU. Spud 12-1/4" hole at 3:00 a.m. (NMOCD notified)

11/25/04 -

11/26/04: Run 35 jts. 8-5/8", 24#, J-55, ST&C casing with 12 centralizers and set at 1508'. Cement with 425 sx. Permian Basin Filler 1 lead and 250 sx. Premium Plus tail. Circulate 28 sx. to surface x plug down. WOC. Nipple up BOP x test to 1000 psi for 30 minutes (held). Drill out float collar, shoe, & cement and resume drilling operations.

NOTE: Form C-144 was faxed to the OCD-Hobbs on 11/8/04



Submit to Appropriate District Office

State Lease - 6 copies

Fee Lease - 5 copies

District I

1625 N. French, Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-105

Revised June 10, 2003

WELL API NO.

30-025-37350

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil &amp; Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

7. Lease Name or Unit Agreement Name

B. Hardin

2. Name of Operator

OXY USA WTP Limited Partnership

8. Well No.

2

3. Address of Operator

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

9. Pool name or Wildcat

Hobbs; Drinkard, Northwest

4. Well Location

Hobbs; Abo, Northwest

Unit Letter E : 2015 Feet From The North Line and 385 Feet From The West LineSection 19 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded

7/24/05

11. Date T.D. Reached

8/21/05

12. Date Compl. (Ready to Prod.)

11/9/05

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

3657' GR

14. Elev. Casinghead

15. Total Depth

7671'

16. Plug Back T.D.

7620'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

7671'

Cable Tools

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

6657' - 6868' (Drinkard); 7006' - 7323' (Abo)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Comp. Z-Densilog/CNL/DS/GR; HDI Log/GR; DA Acoustilog/GR

22. Was Well Cored

No

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	419	17-1/2	639 sx.	
8-5/8	24, 32	3340	11	1150 sx.	
5-1/2	17	7667	7-7/8	1100 sx.	

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8	7366	

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

6657' - 6868', 1 spf, 16 holes

7006' - 7323', 1 spf, 19 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

6657' - 6868' 1700 gal. 15% HCL

7006' - 7323' 4000 gal. 15% NEFE HCL

6657' - 7323' 209,000 gal gel. x 50,000# 30/50

**28. PRODUCTION**

Bauxite sand

Date First Production

11/20/05

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

Pumping - 2.5" x 2" x 24' Insert Rod Pump

Well Status (Prod. or Shut-in)

Producing

Date of Test

1/20/06

Hours Tested

24

Choke Size

Prod'n For Test Period

Oil - Bbl.

30

Gas - MCF

95

Water - Bbl.

180

Gas - Oil Ratio

3167

Flow Tubing Press.

N/A

Casing Pressure

75

Calculated 24-Hour Rate

Oil - Bbl.

30

Gas - MCF

95

Water - Bbl.

180

Oil Gravity - API -(Corr.)

35

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

Sold

Test Witnessed By

T. Summers

30. List Attachments

Logs (3 ea.): Inclination Report; Copy of AO DHC-3666

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

Signature

Mark Stephens

Printed Name

Mark Stephens

Title Reg. Comp. Analyst Date 7/6/06

E-mail address Mark Stephens@oxy.com

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

WELL API NO. 30-025-37350
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

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

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name: B. Hardin
2. Name of Operator OXY USA WTP Limited Partnership	8. Well Number 2
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	9. OGRID Number 192463
4. Well Location Unit Letter <u>E</u> : <u>2015</u> feet from the <u>North</u> line and <u>385</u> feet from the <u>West</u> line Section <u>19</u> Township <u>18-S</u> Range <u>38-E</u> NMPM County <u>Lea</u>	10. Pool name or Wildcat Wildcat: Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3657' GL	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Run 5-1/2" Production Casing <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 8/29/05  
Type or print name Mark Stephens E-mail address: Mark\_Stephens@oxy.com Telephone No. (713) 366-5158

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE SEP 13 2005  
Conditions of Approval, if any:

8/21/05 - 8/23/05:

---

Drill to TD at 7671'. RU casing crew and run 183 jts. 5-1/2", 17#, J-55, LT&C casing with 20 centralizers and set at 7667'. RU Halliburton and cement first stage with 250 sx. Interfill 'C' (lead) and 200 sx. Permian Basin Super 'H' (tail). Open DV tool and circulate 103 sx. to surface. Cement second stage with 300 sx. Interfill 'C' (lead) and 350 sx. Permian Basin Super 'H' (tail). Bump plug and circulate 25 sx. to surface. ND BOP, set slips, and cut off casing.

Release drilling rig at 6:00 a.m.. 8/23/05.

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

WELL API NO.

30-025-37350

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

B. Hardin

8. Well Number

2

9. OGRID Number

192463

10. Pool name or Wildcat

Wildcat: Wolfcamp

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

OXY USA WTP Limited Partnership

3. Address of Operator

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

4. Well Location

Unit Letter E : 2015 feet from the North line and 385 feet from the West line

Section 19 Township 18-S Range 38-E NMPM County Lea

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

3657' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

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

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

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Run 8-5/8" Intermediate Casing ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

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

SIGNATURE Mark Stephens

TITLE Regulatory Compliance Analyst DATE 8/8/05

Type or print name Mark Stephens

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

Telephone No. (713) 366-5158

For State Use Only

APPROVED BY [Signature]

TITLE PETROLEUM ENGINEER

DATE AUG 18 2005

Conditions of Approval, if any:

ORIGINAL SIGNED BY  
PAUL F. KAUTZ  
PETROLEUM ENGINEER

AUG 18 2005



Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

WELL API NO. 30-025-37350
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: B. Hardin
8. Well Number 2
9. OGRID Number 192463
10. Pool name or Wildcat Wildcat: Wolfcamp

Pit or Below-grade Tank Application ☐ or Closure ☐  
Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_  
Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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

1. Type of Well:  
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
OXY USA WTP Limited Partnership

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

4. Well Location  
Unit Letter E : 2015 feet from the North line and 385 feet from the West line  
Section 19 Township 18-S Range 38-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3657' GL

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

NOTICE OF INTENTION TO:

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

OTHER: ☐

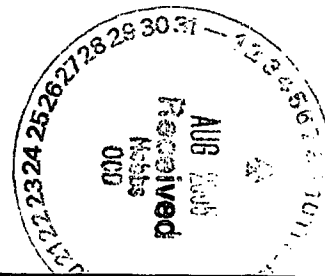
SUBSEQUENT REPORT OF:

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

OTHER: Spud & Run Surface Casing ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment



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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 8/3/05

Type or print name Mark Stephens

E-mail address: Mark.Stephens@nms.com  
Telephone No. (713) 366-5158

For State Use Only

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE AUG 15 2005  
Conditions of Approval, if any.

PETROLEUM ENGINEER



7/24/05: MI x RU. Spud 17-1/2" hole at 10:00 a.m. (NMOCD notified)

7/24/05 -

7/26/05: Run 10 jts. 13-3/8", 48#, H-40. ST&C casing with 4 centralizers and set at 419'. Cement with 650 sx. Cl. C. Bump plug and circulate 83 sx. to surface WOC. Cut off casing x weld on wellhead. NU BOP x test. Drill out cement and resume drilling operations.

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

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

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**O. CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-35953

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil / Gas Lease No.

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

7. Lease Name or Unit Agreement Name

NEW MEXICO 'EA' STATE

8. Well No.

2

9. Pool Name or Wildcat

WILDCAT TUBB, DRINKARD, ABO

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

2. Name of Operator

CHEVRON USA INC

3. Address of Operator

15 SMITH ROAD, MIDLAND, TX 79705

4. Well Location

Unit Letter B : 330' Feet From The NORTH Line and 1733' Feet From The EAST LineSection 24 Township 18-S Range 37-E NMPM LEA COUNTY

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

3685'

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

**NOTICE OF INTENTION TO:**PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐OTHER: ☐**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPERATION ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: ☐NEW WELL - COMPLETION ☒

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

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

9-16-02: REL RBP. TIH W/BP, 2 7/8" TBG W/PORTED SUBS TO BE @ 7560, 7432, 7092, 6904, 6840, 6748. SET PKR @ 6500. NU FRAC TREE.

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

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

9-19-02: FLOWING.

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

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

**ADMINISTRATIVE ORDER DHC-3045**

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

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

SIGNATURE Denise Leake TITLE Regulatory SpecialistDATE 10/7/2002TYPE OR PRINT NAME Denise LeakeTelephone No. 915-687-7375

(The space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ORIGINAL SIGNED BY  
PAUL F. KAUTZ  
PETROLEUM ENGINEER

DATE

NOV - 1 2002  
DeSoto/Nichols 12-83 ver 1.0

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

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

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-35953
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	NEW MEXICO 'EA' STATE
8. Well No.	2
9. Pool Name or Wildcat	WILDCAT TUBB, DRINKARD, ABO

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.	
1. Type of Well:	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	CHEVRON USA INC
3. Address of Operator	15 SMITH ROAD, MIDLAND, TX 79705
4. Well Location	Unit Letter <u>B</u> : <u>330'</u> Feet From The <u>NORTH</u> Line and <u>1733'</u> Feet From The <u>EAST</u> Line Section <u>24</u> Township <u>18-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3685'

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

**NOTICE OF INTENTION TO:**PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐OTHER: ☐PLUG AND ABANDON ☐CHANGE PLANS ☐OTHER: ☐**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐COMMENCE DRILLING OPERATION ☐CASING TEST AND CEMENT JOB ☐OTHER: ☐ALTERING CASING ☐PLUG AND ABANDONMENT ☐NEW WELL - SET CASING ☒

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

8-22-02: SPUD 11 3/4" HLE @ 07:30 AM 8-22-02. DRILL 0-430. RAN 10 JTS 11 3/4" 42# H-40 CSG. RAN 432'. SET @ 415.

8-23-02: RAN TEMP SRUVEY. TOC @ 111'. CMT BACKSIDE THROUGH 1' PIPE W/300 SX CL C NEAT W/2% S-1, MIXED @ 14.8 PPG. NO CMT TO SURF. PMP 40 SX CL C NEAT @ 14.8 PPG. CMT TO SURF. CUT OFF CSG. WELD ON STARTING HEAD &amp; TEST TO 550 PSIG.

8-24-02: TAG CMT @ 385. DRILL 385-410, 432, 800, 926, 1078, 1180, 1530, 1879, 2230, 2578, 2750, 2858.

8-26-02: RAN 65 JTS 8 5/8" 32# K-55 LT&amp;C CSG. RAN 2862'. SET @ 2858'. 2841' LEFT IN HLE. CMT W/720 SX 35/65 POZ H W/6% GEL, 5% SALT, &amp; 1/4# FLOCELE. MIXED @ 12.8 PPG. FOLLOWED BY 250 SX CL H NEAT. MIXED @ 15.6 PPG, PLUG DOWN @ 18:30 PM 8-26-02. CIRC 140 SX TO PIT. BUMP PLUG.

8-27-02: INSTL NEW DRLG LINE. DRLG FC @ 2818 &amp; 40' CMT FS @ 2858. DRLG 2859-3050, 3220, 3241, 3398, 3431, 3590, 3733, 3876, 4162, 4432.

4449, 4499, 4698, 4956, 5156, 5256, 5513, 5584, 5676, 5763, 5922, 5951, 6055, 6179, 6302, 6457, 6585, 6800. RUN FLOAT SHOE, 1 JT 17# J-55 5 1/2" CSG, FLOAT COLLAR &amp; 145 JTS 5 1/2" 17# J-55 CSG. RAN 6600' &amp; SET @ 6583'. CMT W/1020 SX 35/65 POZ H, W/6% GEL, 5% SALT, 1/4# PS FLOCELE, MIXED @ 12.2 PPG, FOLLOWED BY 290 SX 50/50 POZ H W/2% GEL, 5% SALT, 1/4# FLOCELE, MIXED @ 14.2 PPG. PLUG DOWN @ 22:00 PM 9-04-02. CIRC 90 SX TO PIT.

9-05-02: INSTL TBG HEAD. INSTL NEW HCR VALVE. 9-06-02: TIH W/DP. TAG CMT @ 6541. DRILL 6600-6610, 6640. RUN GYRO. 9-07-02: TIH W/69 STANDS. DRILL 6640-6850, 6953, 7056, 7068, 7117, 7167, 7180, 7201, 7240, 7258, 7305, 7310, 7322, 7368, 7383, 7431, 7442, 7586, 7597, 7620, 7683, 7693, 7744' TD (9-11-02) RUN SIM LD-CNL-HRLA-BHC SONIC-GR FR 7749-6589. RUN BHC SONIC-NGT FR 7749-6589' BOC.

9-12-02: TIH W/RBP &amp; SET @ 6485. JET &amp; CLEAN PITS. 9-13-02: RELEASE RIG @ 0300 HRS.

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

SIGNATURE Denise Leake TITLE Regulatory SpecialistDATE 9/18/2002TYPE OR PRINT NAME Denise LeakeTelephone No. 915-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ORIGINAL SIGNED BY  
PAUL F. KAUTZ  
PETROLEUM ENGINEER

DATE

NOV - 1 2002

DeSoto/Nichols 12-93 ver 1.0

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

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

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-35953
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease	
7. Lease Name or Unit Agreement Name	NEW MEXICO 'EA' STATE
8. Well No.	2
9. Pool Name or Wildcat	WILDCAT TUBB/DRINKARD/ABO

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>			
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Lease Name or Unit Agreement Name NEW MEXICO 'EA' STATE	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RES. <input type="checkbox"/> OTHER <input type="checkbox"/>			
2. Name of Operator CHEVRON USA INC		8. Well No. 2	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TX 79705		9. Pool Name or Wildcat WILDCAT TUBB/DRINKARD/ABO	
4. Well Location BHL: 999/N & 1727/E Unit Letter B : 330' Feet From The NORTH Line and 1733' Feet From The EAST Line Section 24 Township 18-S Range 37-E NMPM LEA COUNTY			
10. Date Spudded 8/22/2002	11. Date T.D. Reached 9/11/2002	12. Date Compl. (Ready to Prod.) 9/17/2002	13. Elevations (DF & RKB, RT, GR, etc.) 3885'
15. Total Depth 7744'	16. Plug Back T.D.	17. If Mult. Compl. How Many Zones?	18. Intervals Rotary Tools Drilled By
19. Producing Interval(s), of this completion - Top, Bottom, Name OPEN HOLE 6524-7500' TUBB, DRINKARD, ABO			20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run SIM LD-CNL-HRLA-BHC, SONIC-GR, NGT			22. Was Well Cored NO

23. CASING RECORD (Report all Strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
11 3/4"	42#	432'	14 3/4"	300	
8 5/8"	32#	2858'	11"	970	
5 1/2"	17#	8600'	7 7/8"	1310	

24. LINER RECORD				25. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2 7/8"	8600'
26. Perforation record (interval, size, and number) O.H. 6524'-7500'				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 6524-7500' AMOUNT AND KIND MATERIAL USED ACIDIZE W/40,000 GALS 20% HCL	

28. PRODUCTION							
Date First Production 9/20/2002		Production Method (Flowing, gas lift, pumping - size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD	
Date of Test 9-20-02	Hours tested 24 HRS	Choke Size	Prod'n For Test Period	Oil - Bbl. 50	Gas - MCF 658	Water - Bbl. 30	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Comp)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						Test Witnessed By	

30. List Attachments NOTARIZED DEVIATIONS	
31. I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief.	
SIGNATURE <i>Denise Leake</i>	TITLE Regulatory Specialist
DATE 10/7/2002	Telephone No. 915-687-7375
TYPE OR PRINT NAME Denise Leake	

**Exhibit 2.0 - Area of Review Data**

*North Hobbs G/SA Unit No. 518*

A review of the subject well's AOR shows that five new wells have been drilled within the ½-mile radius since the previous review occurred (done as a part of Oxy's August, 2001 application to amend Order No. R-6199). These wells are:

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

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

**Section 19, T-18-S, R-38-E**

**North Hobbs G/SA Unit No. 615** (30-025-37127) ✓

**B. Hardin No. 1** (30-025-36934) ✓

**B. Hardin No. 2** (30-025-37350) ✓

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

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

The attached copies of sundry notices and completion reports for these wells show that cement was circulated to surface off all casing strings. For New Mexico 'EA' State No. 1H, cement was circulated to surface off the 11-3/4" casing. The TOC for the 8-5/8" casing is calculated at 3080', and the TOC for the 5-1/2" casing is calculated to be at surface, thus affording adequate protection of the injection interval (approx. 4000' to 4258') of North Hobbs G/SA Unit No. 518.

**AOR NOTES:**

North Hobbs G/SA Unit No. 141 (30-025-07337) in Section 18, T-18-S, R-38-E was pxa'd 11/9/01 (copy of Form C-103 for the pxa is attached).

North Hobbs G/SA Unit No. 242 (30-025-27198) in Section 18, T-18-S, R-38-E was pxa'd 8/9/02 (copy of Form C-103 for the pxa is attached).

Boon Hardin Well No. 1 (30-025-07350) in Section 18, T-18-S, R-38-E was plugged as A dry hole in May, 1935. The well was reentered and replugged in February, 1981.

Mark Stephens 10/25/06

Mark Stephens  
Regulatory Compliance Analyst  
Occidental Permian Limited Partnership

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT 1

1625 N. French Drive, Hobbs, NM 88240

OIL CONSERVATION DIVISION

310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

WELL API NO.

30-025-07337

5. Indicate Type of Lease

FED ☐

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101 FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☐

Other Temporary Abandoned

2. Name of Operator

OCCIDENTAL PERMIAN, LTD.

3. Address of Operator

1017 W STANOLIND RD.

7. Lease Name or Unit Agreement Name  
NORTH HOBBS (G/SA) UNIT

Section 18

8. Well No. 141

9. Pool name or Wildcat  
HOBBS (G/SA)

4. Well Location

Unit Letter M

330

Feet From The

SOUTH

Line and

330

Feet From The

WEST

Line

Section 18

Township

18-S

38-E

NMPM

LEA

County

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

3673' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND  
ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG & ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

Well is TA'd with CIBP @3870' capped w/35' cmt. TOC @3835'.  
CMT plug over bad csg @2869' to 3100'.

Perforate @270' thru 8-5/8" csg and the 10-3/4".

Spot cmt from 1950' to 2150'. Top of Anhy @2040'.

Tag cmt plug. @1950'.

Circ cmt to surf behind 8-5/8" and 10-3/4" csg. Pump from surf thru sqz holes @270'. Bottom of surf csg @222'.

Csg full of cmt from 270' to surf.

Cut off csg and installed dry hole marker 4' above ground level. NHU 18-141, UL "M", Sec. 18, TWN 18-S, RNG 38-E.

Well is P&A'd

Rig Up Date: 11/07/2001

Rig Down Date: 11/09/2001

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

SIGNATURE

*Robert Gilbert*

TITLE

COMPLETIONS SPECIALIST

DATE

11/14/01

TYPE OR PRINT NAME

ROBERT GILBERT

TELEPHONE  
NO.

505/397-8206

(This space for State Use)

APPROVED BY

*[Signature]*

TITLE

*[Signature]*

DATE

11-14-02

CONDITIONS OF APPROVAL IF ANY:

GWW



State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I

1625 N. French Drive, Hobbs, NM 88240

OIL CONSERVATION DIVISION

310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

WELL API NO.	30-025-27198
5. Indicate Type of Lease	FED <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	NORTH HOBBS (G/SA) UNIT
Section	18
8. Well No.	242
9. Pool name or Wildcat	HOBBS (G/SA)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101 FOR SUCH PROPOSALS.)	
1. Type of Well:	Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Temporary Abandoned
2. Name of Operator	OCCIDENTAL PERMIAN, LTD.
3. Address of Operator	1017 W STANOLIND RD.
4. Well Location	Unit Letter <u>N</u> <u>1200</u> Feet From The <u>SOUTH</u> Line and <u>2600</u> Feet From The <u>WEST</u> Line Section <u>18</u> Township <u>18-S</u> <u>38-E</u> NMPM LEA County
10. Elevation (Show whether DF, RKB, RT GR, etc.)	3665' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

Well is TA'd with CIBP @4100' capped w/35'cmt. TOC @4065'.  
Circ Mud Gel from 4065' to 2650'.  
Spot cmt from 2650' to 2550'. Bot of Anhy @2600'.  
Circ Mud Gel from 2550' to 1950'.  
Perf 5.5" csg @1950. TOC @1960'.  
Set cmt ret @1900'. Circ cmt to surface.  
Spot cmt from 1900' to 1800'. Top of Anhy @1850'.  
Circ Mud Gel from 1800' to 1650'.  
Spot cmt from 1650' to 1550'. Bot of 8-5/8" csg @1600'.  
Circ Mud Gel from 1550' to 400'.  
Spot cmt from 400' to 300'.  
Circ Mud Gel from 300' to 60'.  
Spot cmt from 60' to surface.  
Cut off csg and installed dry hole marker 4' above ground level. NHU 18-241, UL "N", Sec. 18, TWN 18-S. RNG 38-E.

8-9-02

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

SIGNATURE Robert Gilbert TITLE SR. ENG. TECH DATE 08/28/2002  
TYPE OR PRINT NAME Robert Gilbert TELEPHONE 505/397-8206  
NO.

(This space for State Use)

APPROVED BY Johnny Robinson TITLE COMPLIANCE OFFICER DATE SEP 10 2002  
CONDITIONS OF APPROVAL IF ANY:

GWW

**Exhibit 2.1 – List of Wells Within the AOR**

*North Hobbs G/SA Unit No. 518*

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

North Hobbs G/SA Unit No. 431 (30-025-05445)  
North Hobbs G/SA Unit No. 441 (30-025-12732)  
North Hobbs G/SA Unit No. 442 (30-025-28878)  
Hobbs Deep 'A' No. 1 (30-025-36046)

**Section 18, T-18-S, R-38-E**

North Hobbs G/SA Unit No. 131 (30-025-07339) <PxA>  
North Hobbs G/SA Unit No. 141 (30-025-07337) <PxA>  
North Hobbs G/SA Unit No. 231 (30-025-07341) <PxA>  
North Hobbs G/SA Unit No. 241 (30-025-07338)  
North Hobbs G/SA Unit No. 242 (30-025-27198) <PxA>  
North Hobbs G/SA Unit No. 331 (30-025-07346) <PxA>  
North Hobbs G/SA Unit No. 341 (30-025-23765)  
North Hobbs G/SA Unit No. 342 (30-025-07342)  
Boon Hardin No. 1 (30-025-07350) <PxA>  
B. Hardin No. 4 (30-025-07340) <PxA>

**Section 19, T-18-S, R-38-E**

North Hobbs G/SA Unit No. 111 (30-025-07356) <PxA>  
North Hobbs G/SA Unit No. 112 (30-025-07358)  
North Hobbs G/SA Unit No. 211 (30-025-07359)  
North Hobbs G/SA Unit No. 212 (30-025-28880)  
North Hobbs G/SA Unit No. 311 (30-025-07369)  
North Hobbs G/SA Unit No. 615 (30-025-37127)  
B. Hardin No. 1 (30-025-36934)  
B. Hardin No. 2 (30-025-37350)

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

North Hobbs G/SA Unit No. 412 (30-025-05479)  
North Hobbs G/SA Unit No. 413 (30-025-28414)  
New Mexico 'EA' State No. 1H (30-025-34788)

**Stephens, Mark E. (Houston)**

---

**From:** Catanach, David, EMNRD [david.catanach@state.nm.us]  
**Sent:** Monday, October 30, 2006 3:03 PM  
**To:** Stephens, Mark E. (Houston)  
**Subject:** NHGSAU No. 518

Hey Mark,

Could you please provide me with plugging schematics for the NHGSAU Wells No. 141 and 242. The schematics should show casing and cementing data as well as plugging detail.

Thanks,

David

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

**WELL SCHEMATIC - NHU 18-141 (API 30-025-07337)**  
 330 FSL & 330 FWL, Sec 18, T-18-S, R-38-E Unit Ltr M

SPUD:6/32

GL:3673  
 DATUM:3676 DF

16" @ 222'  
 250 sxs  
 TOC= Surf (Calc)

10-3/4" @ 2781'  
 450 sxs  
 TOC= 1837 (Calc)

8-5/8" @ 3925'  
 275 sxs  
 TOC= 1854 (Calc)

6-5/8" Lnr  
 3859-4146  
 50 sxs  
 TOC= TOL

4-1/2" Lnr  
 4086-4393  
 100 sxs  
 TOC= TOL

11/01-

Perforated 8-5/8" & 10-3/4" at 270  
 Circulated cmt from 270 to surface behind  
 8-5/8" and 10-3/4" csg  
 Filled 8-5/8" with cement from surface to 270  
 Cut off csg and set dry hole marker.

Inhibited fluid

Spotted cmt plug 1950-2150, tagged TOC

Inhibited fluid

2/94- Found bad 8-5/8" csg 2909-72  
 Spotted 110 sxs balance cmt plug  
 2869-3100, tagged TOC. TA'd well.

Bridge Plug @ 3870 + 35' cmt

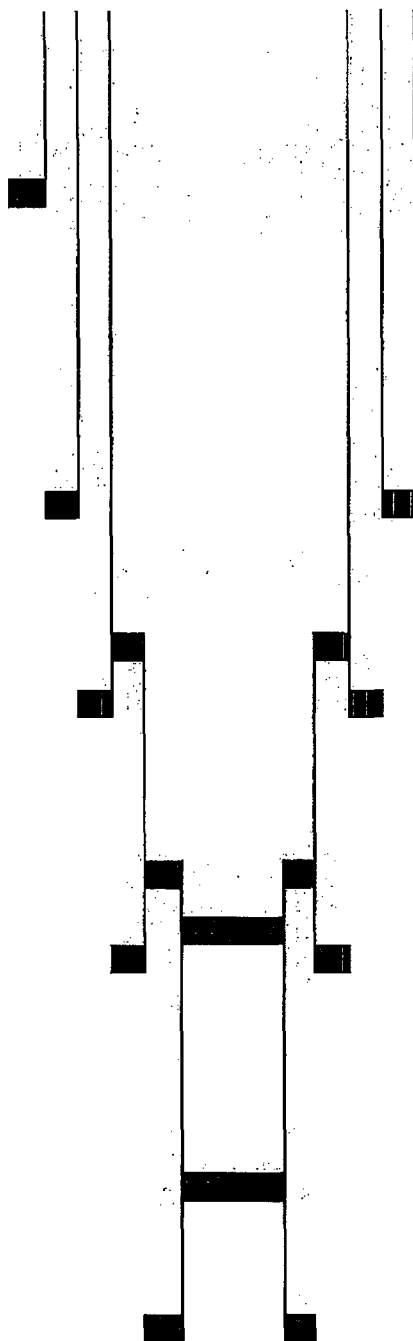
Open perfs - 3953-4090

Bridge Plug @ 4160 + 10' cmt

Open Perfs - 4171-74, 4210-12, 30-40, 54-60

Sqz'd Perfs 4334-38, 43-45 w/ 50 sxs

TD 4395



**WELL SCHEMATIC - NHU 18-242 (API 30-025-27198)**

1200 FSL &amp; 2600 FWL, Sec 18, T-18-S, R-38-E Unit Ltr N

GL:3673

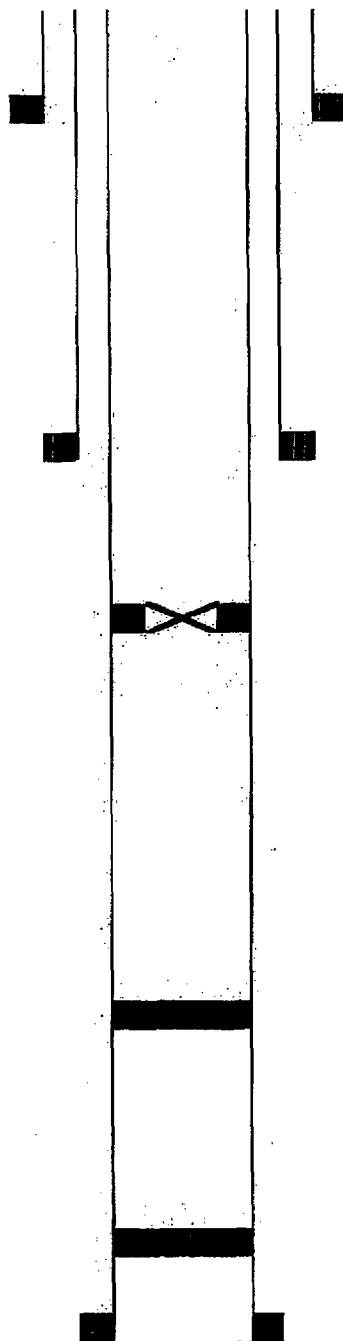
DATUM:3676 DF

SPUD:7/81

16" @ 40'  
250 sxs  
TOC= Surf (Circ)

8-5/8" @ 1600'  
875 sxs  
TOC= Surf (Circ)

5-1/2" @ 4510  
900 sxs  
TOC= 1960' (CBL)



TD 4510

8/02-

Spotted cement plug from surface to 60'

Mud gel 60-300'

Spotted cement plug from 300-400'

Mud gel 400-1550'

Spotted cement plug from 1550-1650'

Mud gel 1650-1800'

Perforated at 1950 and pumped 325 sxs cement  
through cement retainer at 1900', dumped 100'  
cement on top of retainer

Mud gel 1950-2550

Spotted cement plug from 2650 to 2550

Mud gel 2650-4065

3/94-

Set bridge plug at 4100 + 35' cement  
tagged TOC at 4065 and TA'd well.

Sqz'd Perfs - 4150, 51, 56-58

Open Perfs - 4182, 83, 87-89, 93, 94,  
4222-25, 30-35, 39-50, 69-71, 96-4302

Bridge Plug @ 4314 + 10' cmt  
Open Perfs - 4316-26