



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

June 21, 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: Expansion of Pressure Maintenance Project (R-6199-B, 10/22/01)
North Hobbs (Grayburg/San Andres) Unit
Hobbs; Grayburg – San Andres Pool
Well No. 431 (30-025-05467)
Letter I, Section 23, T-18-S, R-37-E
Lea County, NM

C. H. Sweet
State
2310 FEL
330 FEL
I

Dear Mr. Catanach:

Occidental Permian Limited Partnership respectfully requests administrative approval for expansion of the subject pressure maintenance project by amending the injection rate and injection pressure of produced water for the subject well (see Exhibit I) which had previously been approved for injection under AO No. PMX-89. Also submitted in support of our request is the following documentation:

- Administrative Application Checklist
- Maps reflecting the location of the subject well. One map identifies all wells located within a two-mile radius of Well No. 431, and a second map has a one-half mile radius circle drawn around the well which identifies the well's Area of Review
- A list of Offset Operators and Surface Owners
- An Affidavit of Publication and copy of the legal advertisement that was published in the county in which the well is located

2006 JUN 22 AM 9 44



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P.O. Box 4294, Houston, Texas 77210-4294
Phone 713.215.7000

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

CC: State of New Mexico
Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

EXHIBIT 1

North Hobbs (Grayburg/San Andres) Unit
Well No. 431
Letter I, Section 23, T-18-S, R-37-E
Lea County, 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)

Injection Interval: Approximately 4000' to TD (4300' +/-)

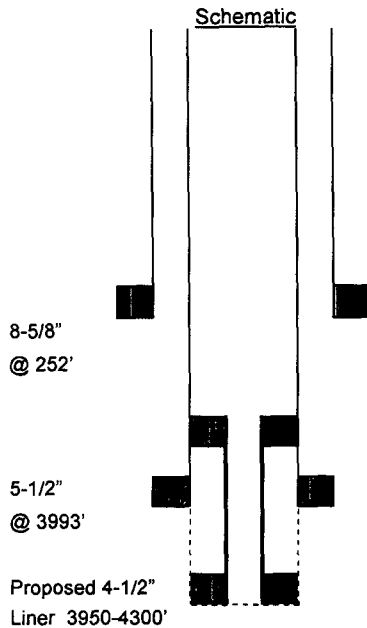
Next higher oil zone - Byers (Queen) @ +/- 3680'

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

Operator Occidental Permian Limited Partnership		Lease North Hobbs G/SA Unit		County Lea	
Well No. 431	Footage Location 2310' FSL & 330' FEL	Section 23	Township 18-S	Range 37-E	Unit Letter I



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	<u>8-5/8"</u>	Cemented with	<u>125</u> sxs.
TOC	<u>SURF</u>	Determined by	<u>CIRC</u>
Hole size			
<u>Intermediate Casing</u>			
Size	<u>5-1/2"</u>	Cemented with	<u>300</u> sxs.
TOC	<u>3550</u>	Determined by	<u>CBL</u>
Hole size			
<u>Long string Casing</u>			
Size		Cemented with	
TOC		Determined by	
Hole size			
<u>Liner</u>			
Size	<u>4-1/2"</u>	Cemented with	<u>25 est.</u> sxs.
TOC	<u>TOL</u>	Determined by	
Hole size	<u>4-3/4</u>		
Total depth	<u>4300' est.</u>		

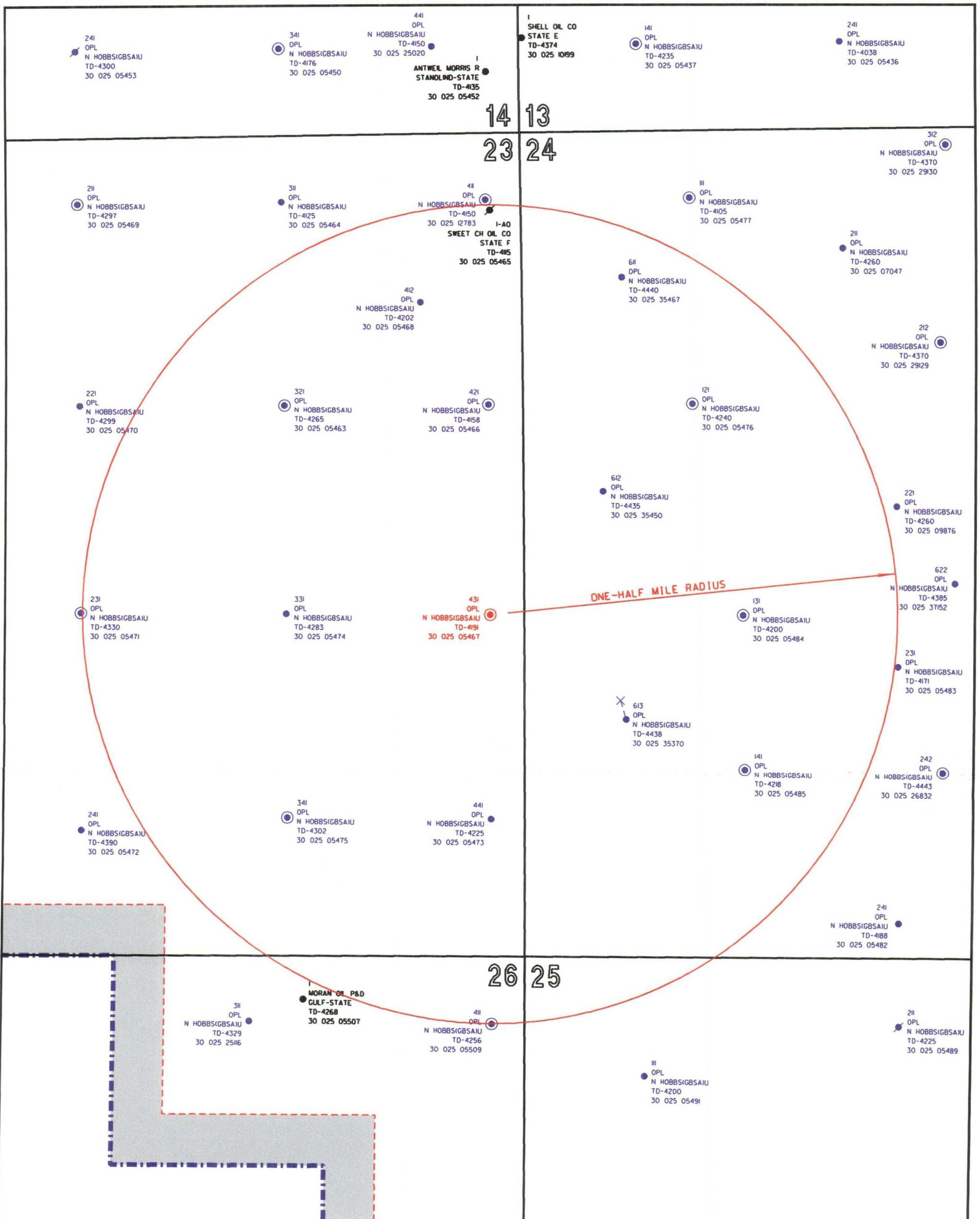
Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a
Halliburton G-6 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? Producer
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) Grayburg (OH) – Will deepen well to POWC ±4300 and run and cement liner in place with approx. 25 sxs. The San Andres will be perforated.
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'



NOTE:
WELL DATA DERIVED FROM THE PETROLEUM
INFORMATION - DATA MANAGEMENT SYSTEM,
WELL DATA SYSTEM PREPARED FOR
OCCIDENTAL PERMIAN LTD.



**Occidental Permian Ltd.**

Area of Review Plat

**NORTH HOBBS (GRAYBURG
SAN ANDRES) UNIT**

WELL NO. 23-431

T-18-S, R-37-E
Lea County, New Mexico

Scale: 1"= 600' 06-06-2006 nm438-2006.dgn
Plat prepared by PJE Drafting, Inc.
For Horizon Survey, Inc.

Area of Review Data

North Hobbs G/SA Unit No. 431

A review of the subject well's AOR shows that three wells were 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:

North Hobbs G/SA Unit No. 611 (30-025-35467)

North Hobbs G/SA Unit No. 612 (30-025-35450)

North Hobbs G/SA Unit No. 613 (30-025-35370)

The attached copies of sundry notices (2 ea. per well) and the completion reports for these three wells shows that cement was circulated to surface off all casing strings thus affording adequate protection of the injection interval (approx. 4000' to 4300') of Oxy's North Hobbs G/SA Unit Well No. 431.

Area of Review Well Count

Active Wells (includes SI and TxA'd wells) – 16

Plugged and Abandoned Wells – 1

State "F" No. 1 (30-025-05465)

Sec. 23, T-18-S, R-37-E

PxA'd 10/15/57

Mark Stephens 6/21/06

Mark Stephens

Regulatory Compliance Analyst

Occidental Permian Limited Partnership

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

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-025-35467

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

North Hobbs G/SA Unit

8. Well No.

611

9. Pool name or Wildcat

Hobbs, Grayburg - San Andres

2. Name of Operator

Occidental Permian Limited Partnership

3. Address of Operator

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

4. Well Location

Unit Letter D : 843 Feet From The North Line and 540 Feet From The West Line

Section 24 Township 18-S Range 37-E NMPM 1ea County

10. Date Spudded 4/9/01 11. Date T.D. Reached 4/15/01 12. Date Compl. (Ready to Prod.) 5/3/01 13. Elevations (DF & RKB, RT, GR, etc.) 3678' GL 14. Elev. Casinghead

15. Total Depth 4440' 16. Plug Back T.D. 4380' 17. If Multiple Compl. How Many Zones? 1 18. Intervals Drilled By Rotary Tools 4440' Cable Tools

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

4138' - 4276'; Grayburg - San Andres

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

NGR - TOLD CN/GR - AL Micro-CFL/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
<u>14</u>	<u>Conductor</u>	<u>40</u>	<u>18</u>	<u>50 sk.</u>	
<u>8-5/8</u>	<u>24</u>	<u>1497</u>	<u>12-1/4</u>	<u>850 sk.</u>	
<u>5-1/2</u>	<u>15.5</u>	<u>4440</u>	<u>7-7/8</u>	<u>850 sk.</u>	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<u>2-7/8</u>	<u>4100'</u>	

25. TUBING RECORD

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

4138' - 4276' (4 JSPP)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>4138' - 4276'</u>	<u>3500 gal. 15% HCL</u>

28. PRODUCTION

Date First Production <u>5/7/01</u>	Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pumping, ESP - Reda</u>					Well Status (Prod. or Shut-in) <u>Producing</u>	
Date of Test <u>5/7/01</u>	Hours Tested <u>24</u>	Choke Size <u>N/A</u>	Prod'n For Test Period	Oil - Bbl. <u>29</u>	Gas - MCF <u>39</u>	Water - Bbl. <u>2359</u>	Gas - Oil Ratio <u>1345</u>
Flow Tubing Press. <u>50</u>	Casing Pressure <u>35</u>	Calculated 24-Hour Rate	Oil - Bbl. <u>29</u>	Gas - MCF <u>39</u>	Water - Bbl. <u>2359</u>	Oil Gravity - API -(Corr.) <u>35</u>	

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

Sold

Test Witnessed By

T. Summers

30. List Attachments

Log (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 Bus. Analyst (SG) Date 5/21/01

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

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

WELL API NO. 30-025-35467
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 North Hobbs G/SA Unit
8. Well No. 611
9. Pool name or Wildcat Hobbs; Grayburg - San Andres
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3678' 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 <input type="checkbox"/>	2. Name of Operator Occidental Permian Limited Partnership
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	4. Well Location Unit Letter D 843 Feet From The North Line and 540 Feet From The West Line Section 24 Township 18-S Range 37-E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3678' 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: **Rm 5-1/2" Casing** ☒

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

4/15/01 -

4/16/01: Rm 110 jts. 5-1/2", 15.5#, J-55, L/T&C casing with 13 centralizers and set at 4440'. Cement first stage with 250 sx. Premium Plus, circulate 127 sx. Bump plug. Cement second stage with 500 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail). Circulate 63 sx. to surface. Plug down. Nipple down x set slips x rig down.

Release drilling rig at 8:00 p.m., 4/16/01.

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 4/17/01
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY _____ TITLE Paul Kautz DATE APR 26 2001
CONDITIONS OF APPROVAL, IF ANY: Geologist

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.	30-025-35467
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	North Hobbs G/SA Unit
8. Well No.	611
9. Pool name or Wildcat	Hobbs; Grayburg - San Andres
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3678' 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 <input type="checkbox"/>	2. Name of Operator Occidental Permian Limited Partnership
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	4. Well Location Unit Letter <u>D</u> : <u>843</u> Feet From The <u>North</u> Line and <u>540</u> Feet From The <u>West</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.) 3678' GL	

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"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <u>Spud & Run Surface Casing</u> <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.

4/9/01: MI x RU. Spud 12-1/4" hole at 2:00 a.m. (NMCCD notified)

4/10/01 -

4/11/01: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1497'. Cement with 600 sx. PBCZ followed by 250 sx. Premium Plus. Plug down and circulate 104 sx. to surface. WOC. Nipple up and test blind rams and pipe rams to 1000 psi and drill out.

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 4/12/01
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Orig. Signed by
Paul Kautz
Geologist

APR 23 2001

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

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.	30-025-35450
5. Indicate Type Of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name North Hobbs G/SA Unit
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____	8. Well No. 612
2. Name of Operator Occidental Permian Limited Partnership	9. Pool name or Wildcat Hobbs; Grayburg - San Andres
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	

4. Well Location
Unit Letter E : 2220 Feet From The North Line and 406 Feet From The West Line

Section 24 Township 18-S Range 37-E NMPM Lea County

10. Date Spudded 12/3/01	11. Date T.D. Reached 12/13/01	12. Date Compl. (Ready to Prod.) N/A	13. Elevations (DF & RKB, RT, GR, etc.) 3676' GR	14. Elev. Casinghead
15. Total Depth 4435'	16. Plug Back T.D. 4390'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 4435'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4216' - 4327'; Grayburg - San Andres				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run AL Micro-CFL/GR; NGR; TD L-D CN/NGT				22. Was Well Cored No

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 sk.	
8-5/8	24	1507	12-1/4	850 sk.	
5-1/2	15.5	4435	7-7/8	900 sk.	

LINER RECORD

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4139	

26. Perforation record (interval, size, and number) 4216' - 4327', 2 JSPF	27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC. DEPTH INTERVAL 4216' - 4327' AMOUNT AND KIND MATERIAL USED 500 gal 15% HCL MAR 2002
--	---

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Well shut-in 1/20/02 with no test				Well Status (Prod. or Shut-in) Shut-in		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

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 Bus. Analyst (SG) Date 3/21/02

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-35450
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 North Hobbs G/SA Unit
8. Well No. 612
9. Pool name or Wildcat Hobbs; Grayburg - San Andres
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3676' GR

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 Unit Letter E : 2220 Feet From The North Line and 406 Feet From The West Line Section 24 Township 18-S Range 37-E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3676' GR	

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: **Run 5-1/2" Casing** ☒

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

12/14/01: Run 110 jts. 5-1/2", 15.5#, J-55, I/T&C casing with 12 centralizers and set at 4435'. Cement first stage with 300 sx. Premium Plus. Bump plug, drop bomb, and open DV tool. Circulate 84 xs. Cement second stage with 500 sx. Interfill 'C' and 100 sx. Premium Plus. Plug down and circulate 61 sx. Nipple down x set slips x rig down.

Release drilling rig at 11:00 p.m., 12/14/01.

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 12/17/01
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY _____ TITLE ORIGINAL SIGNED BY PAUL F. KAUTZ PETROLEUM ENGINEER DATE DEC 26 2001
CONDITIONS OF APPROVAL, IF ANY:

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. 30-025-35450
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 North Hobbs G/SA Unit
8. Well No. 612
9. Pool name or Wildcat Hobbs; Grayburg - San Andres

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"/>	
2. Name of Operator Occidental Permian Limited Partnership	
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294	
4. Well Location Unit Letter E : 2220 Feet From The North Line and 406 Feet From The West Line Section 24 Township 18-S Range 37-E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3676' GR	

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"/>	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"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Spud & Run Surface Casing <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.

12/3/01: MI x RU. Spud 12-1/4" hole at 7:00 p.m. (NMCD notified)

12/7/01 -

12/8/01: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1507' Cement with 600 sx. PBCZ followed by 250 sx. Premium Plus. Plug down and circulate 88 sx. to surface. WOC. Nipple up and test BOP. 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 12/11/01
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY _____ TITLE ORIGINAL SIGNED BY
PAUL F. KAUTZ
PETROLEUM ENGINEER DATE DEC 18 2001

CONDITIONS OF APPROVAL, IF ANY:

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

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-025-35370

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

North Hobbs G/SA Unit

2. Name of Operator

Occidental Permian Limited Partnership

8. Well No.

613

3. Address of Operator

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

9. Pool name or Wildcat

Hobbs, Grayburg - San Andres

4. Well Location

SH Unit Letter L : 1605 Feet From The South Line and 548 Feet From The West Line
BH L 1714.6 1724 South 548.5 510 West
Section 24 Township 18-S Range 37-E NMPM Los County

10. Date Spudded

2/27/01

11. Date T.D. Reached

3/5/01

12. Date Compl. (Ready to Prod.)

3/23/01

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

3674' GR

14. Elev. Casinghead

15. Total Depth

4438'

16. Plug Back T.D.

4319'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

4438'

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

4014' - 4292'; Grayburg - San Andres

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Gamma Collar Dual Spaced Neutron

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 sq.	
8-5/8	24	1500	12-1/4	950 sq.	
5-1/2	15.5	4438	7-7/8	1000 sq.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	3967	

25. TUBING RECORD

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

4014' - 4215' (4 JSPP)

4238' - 4292' (4 JSPP)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

4014' - 4215'

4800 gal. 15% HCL

4238' - 4292'

1500 gal. 15% HCL

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
3/25/01	Pumping, ESP - Reda					Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/17/01	24	N/A		16	64	581	4000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)	
50	35		16	64	581	35	

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

Sold

Test Witnessed By

T. Summers

30. List Attachments

Log, 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

Bus. Analyst (SG) Date 5/15/01

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.

30-025-35370

5. Indicate Type of Lease

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

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.

613

9. Pool name or Wildcat

Hobbs; Grayburg - San Andres

4. Well Location

SH Unit Letter **L** : **1605** Feet From The **South** Line and **548** Feet From The **West** Line
BH **L** **1714.6** **South** **548.5** **West**
Section **24** Township **18-S** Range **37-E** NMPM **Lea** County

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

3674' 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 5-1/2" Casing** ☒

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

3/7/01: Run 110 jts. 5-1/2", 15.5#, J-55, L&C casing with 13 centralizers and set at 4438'.
Pump 300 sx. Premium Plus cement (first stage). Circulate 147 sx. and plug down. Pump
second stage cement, 600 sx. Interfill 'C' (lead) and 100 sx. Premium Plus (tail).
Circulate 194 sx. to surface and plug down. Nipple down x set slips x rig down.

Release drilling rig @ 4:00 a.m., 3/8/01.

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 03/09/01

TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY _____ TITLE Business Analyst (SG) DATE 03/09/01

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY _____

DATE 03/09/01

APR 20 2001

Submit 2 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.

30-025-35370

5. Indicate Type of Lease

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.)

7. Lease Name or Unit Agreement Name

North Hobbs G/SA Unit

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Occidental Permian Limited Partnership

8. Well No.

613

3. Address of Operator:

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

9. Pool name or Wildcat

Hobbs; Grayburg - San Andres

4. Well Location

SH Unit Letter **L** : **1605** Feet From The **South** Line and **548** Feet From The **West** Line
BH **L** **1714.6** **South** **548.5** **West**
Section **24** Township **18-S** Range **37-E** NMPM **Lea** County

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

3674' 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: **Spud & Run Surface Casing** ☒

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

2/27/01: MI x RU. Spud 12-1/4" hole at 4:00 a.m. (NMCD notified)

3/1/01 -

3/2/01: Run 38 jts. 8-5/8", 24#, J-55, ST&C casing with 10 centralizers and set at 1500'. Cement with 700 sk. FBCZ followed by 250 sk. FBCZ. Plug down and circulate 218 sk. to surface. WOC. Cut off casing x weld on wellhead. NU x test blind rams and pipe rams to 1000 psi and drill out.

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 03/06/01

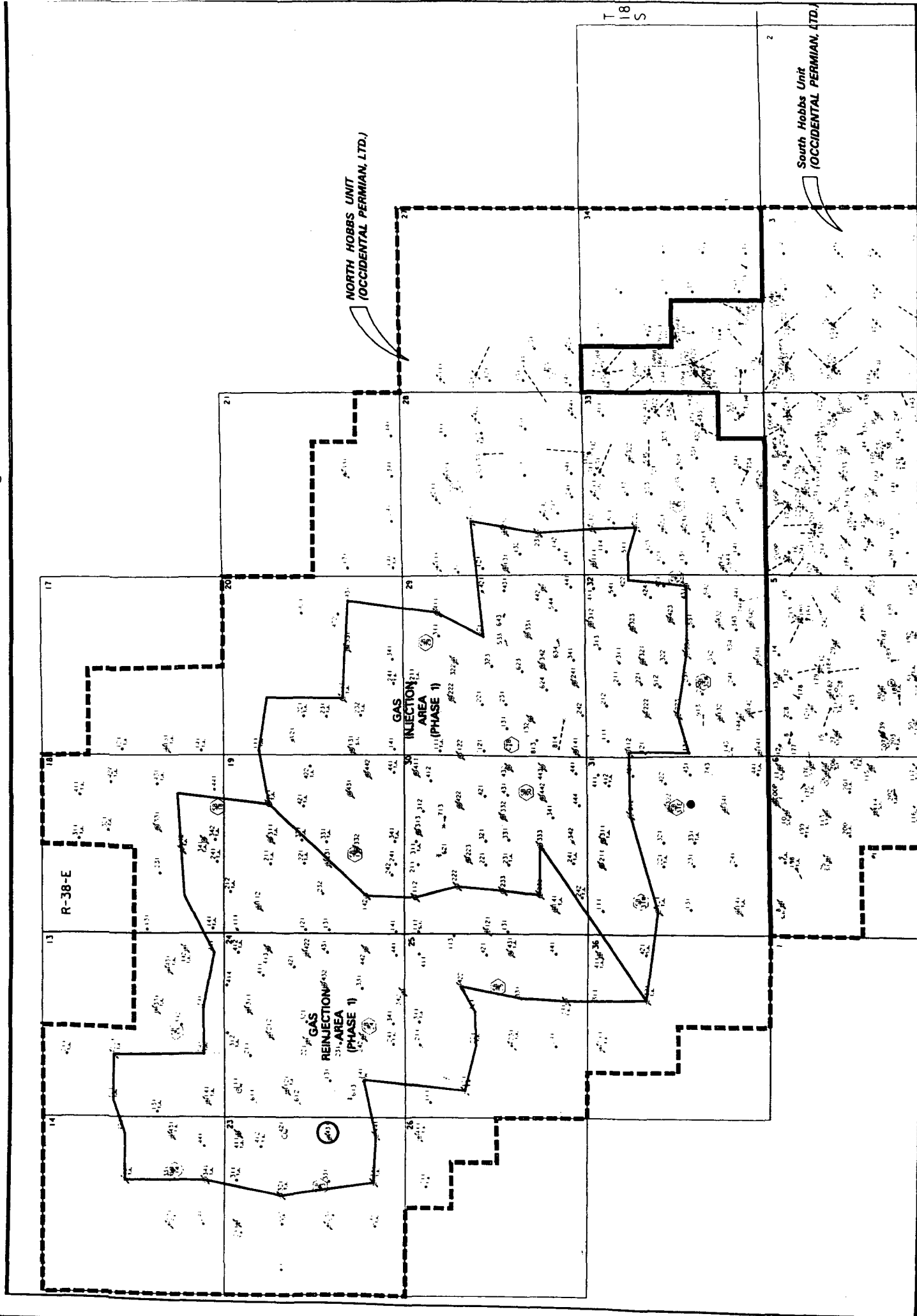
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Exhibit 2.0 - Showing the location of NHGSAU No. 431 in the Phase I Gas Reinjection Area



LIST OF OFFSET OPERATORS & SURFACE OWNERS

North Hobbs (Grayburg/San Andres) Unit
Well No. 431
API No. 30-025-05467
Letter I, Section 23, T-18-S, R-37-E
Lea County, NM

Offset Operators

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

Surface Owners

State of New Mexico
Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

State of New Mexico
Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

2. Article Number

(Transfer from service label)

7000 0600 0025 0797 2487

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent☐ AddresseeD. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

☐ Yes

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

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

of 1
_____ weeks.

Beginning with the issue dated

May 31 2006
and ending with the issue dated

May 31 2006

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 31st day of

May

2006

[Signature]
Notary Public.

My Commission expires
February 07, 2009

(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: _____

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

LEGAL NOTICE

May 31, 2006

Notice is hereby given of the application of Occidental Per-
mian Limited Partnership, Attn: Mark Stephens, P.O. Box
4294, Rm. 19.013, Houston, TX 77210-4294 (713/366-
5158), to the Oil Conservation Division, New Mexico Ener-
gy, Minerals and Natural Resources Department, for appro-
val of the following injection well for the purpose of sec-
ondary recovery:

Pool Name: Hobbs; Grayburg - San Andres

Lease/Unit Name: North Hobbs G/SA Unit

Well No. 431 (API No. 30-025-05467)

Loc: 2310' FSL & 330' FEL, UL I, Sec. 23, T-18-S, R-37-E,
Lea Co., NM

The injection formation is the Hobbs; Grayburg - San An-
dres Pool between the intervals of +/-3680' and +/-5300'
below the surface of the ground. The expected maximum
injection rate is 9000 BWPD, and the expected maximum
injection pressure is approximately 1100 psi. Interested par-
ties must file objections or requests for hearing with the Oil
Conservation Division, 1220 S. St. Francis Dr., Santa Fe,
NM 87505 within fifteen (15) days.

#22410

Occidental Permian Limited Pth.
Attn: Mark Stephens
P.O. Box 4294
Houston, TX 77210-4294