



August 16, 2005

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

**RECEIVED**  
AUG 17 2005  
OIL CONSERVATION  
DIVISION

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. 232 (30-025-29172)  
Letter K, Section 19, T-18-S, R-38-E  
Lea County, NM

Gentlemen:

In accordance with the provisions of Division Order No. R-6199-B (10/21/01), Occidental Permian Limited Partnership hereby submits documentation for the subject well which is to be converted from production to injection. This well was identified as an "Existing Well" in Exhibit "B" of said Order (copy of Exhibit attached).

In support of this filing, please find the following:

- Exhibit "B" of Division Order R-6199-B
- Form C-102
- Injection well data sheets (2 ea.)
- A map reflecting the location of the proposed injection well (No. 232). The map identifies all wells located within a two-mile radius of the proposed injector and has a one-half mile radius circle drawn around the proposed injection well which identifies the well's Area of Review
- Exhibits 1.0 & 1.1 – Area of Review Data



**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

- A list of Offset Operators and Surface Owners (these parties have been notified of this application by certified mail)

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*

Mark Stephens  
Regulatory Compliance Analyst

CC: Oil Conservation Division  
Hobbs District Office  
1625 N. French Drive  
Hobbs, NM 88240

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

Offset Operators (see attached list)

Surface Owners (see attached list)

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

Well Name & Number	API Number	Well Location	Injection Interval	Packer Depth
NHGBSAU No. 341 **	30-025-05446	660' FSL & 1980' FEL, Unit O, Section 13, T-18S, R-37E	4,000'-4,263'	3,900'
NHGBSAU No. 441 **	30-025-12732	330' FSL & 330' FEL, Unit P, Section 13, T-18S, R-37E	4,000'-4,258'	3,900'
NHGBSAU No. 232 **	30-025-29172	2501' FSL & 1410' FWL, Unit K, Section 19, T-18S, R-38E	4,000'-4,420'	3,900'
NHGBSAU No. 141 **	30-025-05485	1315' FSL & 1315' FWL, Unit M, Section 24, T-18S, R-37E	4,000'-4,270'	3,900'
NHGBSAU No. 331 **	30-025-05488	1320' FSL & 1325' FEL, Unit J, Section 24, T-18S, R-37E	4,000'-4,210'	3,900'
NHGBSAU No. 411 **	30-025-23522	990' FNL & 990' FEL, Unit A, Section 24, T-18S, R-37E	4,000'-4,283'	3,900'
NHGBSAU No. 414 **	30-025-28879	10' FNL & 1280' FEL, Unit A, Section 24, T-18S, R-37E	4,000'-4,370'	3,900'
NHGBSAU No. 431 **	30-025-05487	2310' FSL & 330' FEL, Unit I, Section 24, T-18S, R-37E	4,000'-4,300'	3,900'
NHGBSAU No. 411 **	30-025-05503	330' FNL & 330' FEL, Unit A, Section 25, T-18S, R-37E	4,000'-4,259'	3,900'
NHGBSAU No. 242	30-025-28413	100' FSL & 1400' FWL, Unit N, Section 29, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 321	30-025-07431	2310' FNL & 1650' FEL, Unit G, Section 29, T-18S, R-38E	4,000'-4,309'	3,900'
NHGBSAU No. 113 **	30-025-25064	1310' FNL & 195' FWL, Unit D, Section 30, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 312	30-025-29197	530' FNL & 1448' FEL, Unit B, Section 30, T-18S, R-38E	4,000'-4,431'	3,900'
NHGBSAU No. 331	30-025-07472	2335' FSL & 2310' FEL, Unit J, Section 30, T-18S, R-38E	4,000'-4,238'	3,900'
NHGBSAU No. 444	30-025-28959	215' FSL & 1255' FEL, Unit P, Section 30, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 131	30-025-07527	2310' FSL & 330' FWL, Unit L, Section 32, T-18S, R-38E	4,000'-4,250'	3,900'
NHGBSAU No. 422	30-025-29074	1385' FNL & 110' FEL, Unit H, Section 32, T-18S, R-38E	4,000'-4,370'	3,900'
NHGBSAU No. 111	30-025-12505	330' FNL & 330' FWL, Unit D, Section 33, T-18S, R-38E	4,000'-4,237'	3,900'
NHGBSAU No. 141 **	30-025-05437	660' FSL & 660' FWL, Unit M, Section 13, T-18S, R-37E	4,000'-4,235'	3,900'
NHGBSAU No. 221 **	30-025-05439	1980' FNL & 1980' FWL, Unit F, Section 13, T-18S, R-37E	4,000'-4,160'	3,900'
NHGBSAU No. 321 **	30-025-05457	2310' FNL & 1650' FEL, Unit G, Section 14, T-18S, R-37E	4,000'-4,350'	3,900'
NHGBSAU No. 121 **	30-025-05503	1650' FNL & 990' FWL, Unit E, Section 25, T-18S, R-37E	4,000'-4,261'	3,900'
NHGBSAU No. 341 **	30-025-05497	660' FSL & 1650' FEL, Unit O, Section 25, T-18S, R-37E	4,000'-4,220'	3,900'
NHGBSAU No. 411	30-025-07454	990' FNL & 990' FEL, Unit A, Section 29, T-18S, R-38E	4,000'-4,335'	3,900'
NHGBSAU No. 321 **	30-025-05540	1650' FNL & 1650' FEL, Unit G, Section 36, T-18S, R-37E	4,000'-4,300'	3,900'
NHGBSAU No. 121 **	30-025-05440	1980' FNL & 660' FWL, Unit E, Section 13, T-18S, R-37E	4,000'-4,235'	3,900'
NHGBSAU No. 241 **	30-025-05436	660' FSL & 1980' FWL, Unit N, Section 13, T-18S, R-37E	4,000'-4,320'	3,900'
NHGBSAU No. 341 **	30-025-05450	660' FSL & 1650' FEL, Unit O, Section 14, T-18S, R-37E	4,000'-4,350'	3,900'
NHGBSAU No. 342 **	30-025-07342	330' FSL & 2310' FEL, Unit O, Section 18, T-18S, R-38E	4,000'-4,286'	3,900'
NHGBSAU No. 311 **	30-025-07369	1309' FNL & 2310' FEL, Unit B, Section 19, T-18S, R-38E	4,000'-4,296'	3,900'
NHGBSAU No. 411 **	30-025-07370	1300' FNL & 1300' FEL, Unit A, Section 19, T-18S, R-38E	4,000'-4,342'	3,900'
NHGBSAU No. 233	30-025-27214	1610' FSL & 1850' FWL, Unit K, Section 20, T-18S, R-38E	4,000'-4,510'	3,900'
NHGBSAU No. 321 **	30-025-05463	1650' FNL & 1650' FEL, Unit J, Section 23, T-18S, R-37E	4,000'-4,265'	3,900'
NHGBSAU No. 341 **	30-025-05475	990' FSL & 1650' FEL, Unit O, Section 23, T-18S, R-37E	4,000'-4,302'	3,900'
NHGBSAU No. 121 **	30-025-05476	1650' FNL & 990' FWL, Unit E, Section 24, T-18S, R-37E	4,000'-4,319'	3,900'
NHGBSAU No. 121 **	30-025-07514	1980' FNL & 990' FWL, Unit E, Section 31, T-18S, R-38E	4,000'-4,300'	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  
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 & Natural Resources

Form C-102  
Revised June 10, 2003

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-29172		<sup>2</sup> Pool Code 31920	<sup>3</sup> Pool Name Hobbs; Grayburg - San Andres
<sup>4</sup> Property Code 19520	<sup>5</sup> Property Name North Hobbs G/SA Unit		<sup>6</sup> Well Number 232
<sup>7</sup> OGRID No. 157984	<sup>8</sup> Operator Name Occidental Permian Limited Partnership		<sup>9</sup> Elevation 3661.2' GR

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	19	18-S	38-E		2501	South	1410	West	Lea

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
				<sup>18</sup> SURVEYOR CERTIFICATION <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>
				Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number

Injection Well Data Sheet

North Hobbs (Grayburg/San Andres) Unit

30-025-29172

Well No. 232

2501' FSL & 1410' FWL, Letter K, Section 19, T-18-S, R-38-E

Lea County, New Mexico

**Produced Water**

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

**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

Source Water - San Andres produced water

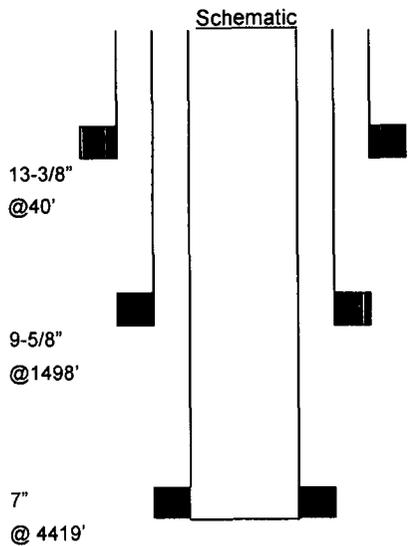
Injection Interval: Approximately 4000' to TD (4420')

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

Next lower oil zone - Glorieta @ +/- 5300'

**INJECTION WELL DATA SHEET**

Operator <b>Occidental Permian Limited Partnership</b>		Lease <b>North Hobbs G/SA Unit</b>		County <b>Lea</b>	
Well No. <b>232</b>	Footage Location <b>2501' FSL &amp; 1410' FWL</b>	Section <b>19</b>	Township <b>18-S</b>	Range <b>38-E</b>	Unit Letter <b>K</b>



<u>Surface Casing</u>		<u>Tubular Data</u>	
Size	<u>13-3/8"</u>	Cemented with	<u>N/A</u> sxs.
TOC	<u>SURF</u>	Determined by	<u>N/A</u>
Hole size _____			
<u>Intermediate Casing</u>			
Size	<u>9-5/8"</u>	Cemented with	<u>625</u> sxs.
TOC	<u>SURF</u>	Determined by	<u>CIRC</u>
Hole size _____			
<u>Long string Casing</u>			
Size	<u>7"</u>	Cemented with	<u>900</u> sxs.
TOC	<u>SURF</u>	Determined by	<u>CIRC</u>
Hole size _____			
<u>Liner</u>			
Size	_____	Cemented with	_____ sxs.
TOC	_____	Determined by	_____
Hole size _____			
<u>Total depth</u>		<u>4420'</u>	

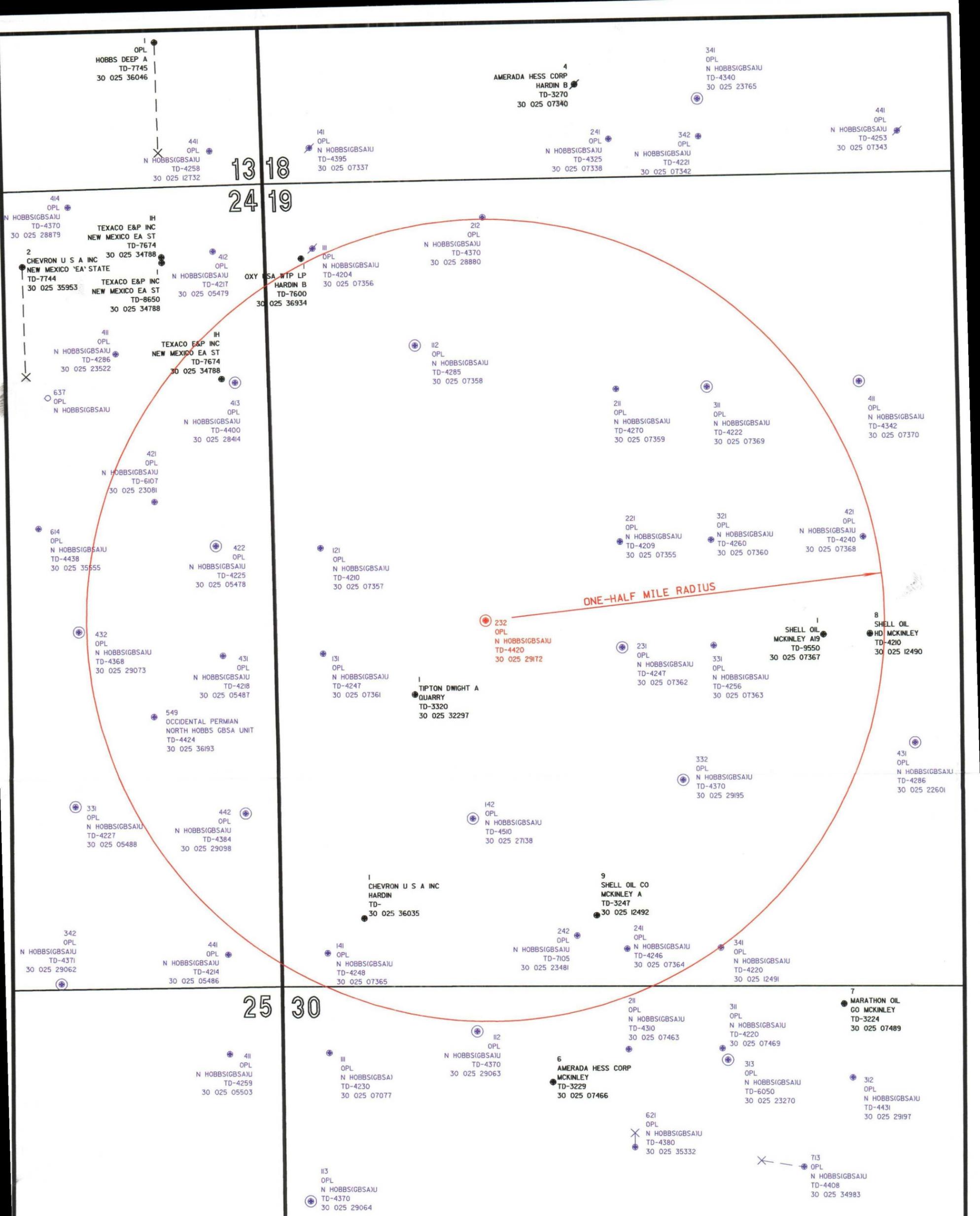
Injection interval  
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 2-7/8" lined with Duoline (Fiberglass liner) set in a  
Guiberson – Uni VI packer at Within 100 feet of the top perf.  
(brand and model)

Other Data

- Name of the injection formation San Andres
- Name of field or Pool Hobbs; Grayburg – San Andres
- Is this a new well drilled for injection? Yes  No   
If no, for what purpose was the well originally drilled? Producer
- 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) None
- 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.



Area of Review Plat

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

WELL NO. 19-232

T-18-S, R-38-E  
Lea County, New Mexico

Scale: 1" = 600' 04-25-2005 nm438\_2005.dgn  
Plat prepared by PJE Drafting, Inc.  
For Horizon Survey, Inc.

**Exhibit 1.0 – Area of Review Data**

**Area of Review Well Count**

Active Wells (includes SI and TxA'd wells) – 25

Plugged and Abandoned Wells – 3 (Sec. 19, T-18-S, R-38-E)

**McKinley “A” No. 8** (30-025-12490)

**McKinley “A” No. 9** (30-025-12492)

**McKinley “A” 19 No. 1** (30-025-07367)

‘Miscellaneous Reports on Wells’ (3 ea.) attached

A review of the subject well’s AOR shows that 2 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:

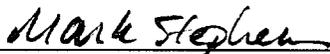
**North Hobbs G/SA Unit No. 549** (30-025-36193)

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

The attached copies of sundry notices and the completion report for NHU No. 549 shows 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 4420’) of North Hobbs G/SA Unit No. 232.

NOTES:

ChevronTexaco’s **Hardin No. 1** (30-025-36035) in Section 19 was permitted but not drilled – see OCD correspondence dated 11/3/03.



Mark Stephens  
Regulatory Compliance Analyst  
Occidental Permian Limited Partnership

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>Shell Oil Company</b>				Address <b>Box 1858 Roswell, New Mexico</b>			
Lease <b>McKinley "A"</b>	Well No. <b>8</b>	Unit Letter <b>I</b>	Section <b>19</b>	Township <b>18 S</b>	Range <b>38 E</b>		
Date Work Performed <b>April 17, 1963</b>	Pool <b>Byers-Queen (Gas)</b>			County <b>Lea</b>			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations   
 Casing Test and Cement Job   
 Other (Explain):  
 Plugging   
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Filled pipe with 8.5#/gal. mud.  
 Spotted 35 sacks Class "C" plug 3900' - 3740'  
 Shot casing @ 3195' and pulled 122 joints of 7".  
 Spotted 25 sacks cement plug @ 3275' - 3145'.  
 Shot casing @ 1000' and pulled 27 joints.  
 Spotted 25 sacks cement plug @ 744' - 792'.  
 Spotted 25 sacks cement plug @ 70' - 105'.  
 Spotted 10 sacks cement plug @ surface.  
 Erected prescribed 4" x 4' marker  
 Well P&A, April 17, 1963.

Plugging as per telephone  
 conversation of March 26,  
 1963, between R. E. Christensen  
 of Shell Oil Company, and Eric  
 Engbrecht, of N.M.O.C.C.

Witnessed by <b>H. B. Leach</b>	Position <b>Prod. Foreman</b>	Company <b>Shell Oil Company</b>
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

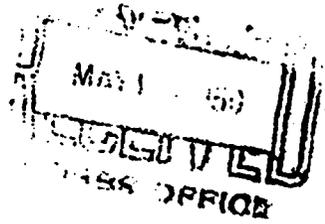
RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by <i>Justin S. Clement</i>	Name <b>W. E. Bingham</b>	Original Signed By <b>W. E. Bingham</b>
Title	Position <b>Division Mechanical Engineer</b>	
Date	Company <b>Shell Oil Company</b>	



# OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	X		

May 12, 1950

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,  
SANTA FE, NEW MEXICO  
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the \_\_\_\_\_  
Shell Oil Company McKinley "A" Well No. 9 in the \_\_\_\_\_  
 \_\_\_\_\_ Company or Operator \_\_\_\_\_ Lease \_\_\_\_\_  
SW/4 of Sec. 19, T. 18-S, R. 38-E, N. M. P. M.,  
Bowers Field, Lea County.

The dates of this work were as follows: May 9 & 10, 1950

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on 5-5- 1950  
 and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spotted 10 sack cement plug from 3023 to 3179 feet. Shot casing @ 1148 feet. Recovered 1147' of 4 1/2" casing. Spotted 5 sack cement plug from 1150 to 1228'. Foured 10 sack surface plug. Placed dry hole marker. Well plugged and abandoned.

Witnessed by G. L. Goodpasture Shell Oil Company Production Foreman  
 Name Company Title

Subscribed and sworn before me this 12th  
 day of May 19 50

I hereby swear or affirm that the information given above is true and correct.

Name Frank R. Lovering

Position District Superintendent

Representing Shell Oil Company  
 Company or Operator

My commission expires \_\_\_\_\_

Address Box 1457, Hobbs, New Mexico

Remarks: APPROVED

Date \_\_\_\_\_

Name

Title

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TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company	Shell Oil Company			Address	Box 1858 Roswell, New Mexico		
Lease	McKinley "A" 19	Well No.	1	Unit Letter	J	Section	19
				Township	18 S	Range	38 E
Date Work Performed	Feb 19, 1963		Pool	Bowers		County	Lea

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations   
 Casing Test and Cement Job   
 Other (Explain):  
 Plugging   
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Filled casing with 8.5# mud with 35 viscosity.  
Spotted 50 sxs Class "C" cement plug @ 3225' - 3335'.  
Spotted 10 sxs plug at surface.  
Erected prescribed 4' x 4" marker.  
well P&A February 19, 1963.

This plugging program is per the telephone conversation of February 14, 1963, between S. L. Canterbury, III, Shell Oil Company, and Mr. Leslie A. Clements of the New Mexico Oil Conservation Commission in Hobbs.

Witnessed by	H. B. Leach	Position	Prod. Foreman	Company	Shell Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

DF Elev.	TD	PBTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by	<i>Leslie A. Clement</i>	Name	W. E. Bingman	Signed By	W. E. Bingman
Title		Position	Division Mechanical Engineer		
Date		Company	Shell Oil Company		

Submit to Appropriate District Office  
 State Lease - 5 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. 30-025-36193
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 _____	
2. Name of Operator Occidental Permian Limited Partnership	8. Well No. 549
3. Address of Operator P.O. Box 4294 Houston, TX 77210-4294	9. Pool name or Wildcat Hobbs; Grayburg - San Andres

4. Well Location  
 Unit Letter I : 1802 Feet From The South Line and 815 Feet From The East Line  
 Section 24 Township 18-S Range 37-38-E NMPM Lea \_\_\_\_\_ County \_\_\_\_\_

10. Date Spudded 3/26/03	11. Date T.D. Reached 3/31/03	12. Date Compl. (Ready to Prod.) 4/18/03	13. Elevations (DF & RKB, RT, GR, etc.) 3656' GR	14. Elev. Casinghead
15. Total Depth 4424'	16. Plug Back T.D. 4370'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 4424'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4132' - 4296'; Grayburg - San Andres				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run TD-LD CN/HNGS; HRLA/HNGS; HNGRS; Monitor Log/Gamma Ray				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.	RECEIVED Hobbs OCD
8-5/8	24	1514	12-1/4	800 sx.	
5-1/2	15.5	4424	7-7/8	900 sx.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4023'	

26. Perforation record (interval, size, and number)  4132' - 4296' (2 JSPF)	27. ACID, SHOT, FRACTURE, CEMENT, SOBEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4132' - 4296'	6560 Gal. 15% HCL

28. PRODUCTION

Date First Production 4/28/03	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - ESP, Reda	Well Status (Prod. or Shut-in) Producing					
Date of Test 4/29/03	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 25	Gas - MCF 37	Water - Bbl. 1906	Gas - Oil Ratio 1480
Flow Tubing Press. 50	Casing Pressure 35	Calculated 24-Hour Rate	Oil - Bbl. 25	Gas - MCF 37	Water - Bbl. 1906	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 (4 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 5/5/03

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. 30-025-36193
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. 549
9. Pool name or Wildcat Hobbs; Grayburg - San Andres
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3656' 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 <u>I</u> : <u>1802</u> Feet From The <u>South</u> Line and <u>815</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

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"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>Run 5-1/2" 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.

4/1/03: Run 109 jts. 5-1/2". 15.5#. J-55. LT&C casing with 12 centralizers and set at 4424'. Cement first stage with 250 sx. Premium Plus. Plug down and circulate 84 sx. to surface. Circulate 4 hours between stages. Cement second stage with 550 sx. Interfill 'C' (lead) x 100 sx. Premium Plus (tail). Plug down and circulate 147 sx. to surface. ND x set slips. Cut off casing x install wellhead x rig down.

Release drilling rig at 4:00 a.m.. 4/2/03.



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

SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 4/8/03  
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

(This space for State Use)  
APPROVED BY GARY W WINK ORIGINAL SIGNED BY  
CONDITIONS OF APPROVAL, IF ANY: OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE APR 15 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

**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. 30-025-36193
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. 549
9. Pool name or Wildcat Hobbs; Grayburg - San Andres
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3656' 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  GAS WELL  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 I : 1802 Feet From The South Line and 815 Feet From The East Line  
Section 24 Township 18-S Range 37-E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3656' 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: 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.

3/26/03: MI x RU. Spud 12-1/4" hole at 5:00 a.m. (NMOCD notified)

3/26/03 -

3/27/03 : Run 37 jts. 8-5/8", 24#, J-55, ST&C casing with 13 centralizers and set at 1514'. Cement with 500 sx. PBCZ lead and 300 sx. Premium Plus tail. Plug down x circulate 42 sx. to surface. WOC. NU BOP x test blind rams & choke to 1000 psi. 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.

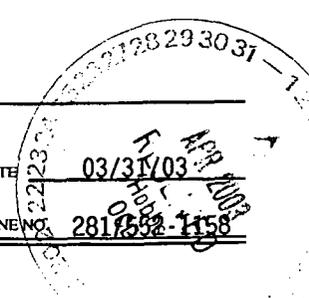
SIGNATURE Mark Stephens TITLE Regulatory Compliance Analyst DATE 03/31/03  
 TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281-552-1158

(This space for State Use)

APPROVED BY GARY W. WITK DATE APR 04 2003

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY  
GARY W. WITK  
OC FIELD REPRESENTATIVE II/STAFF MANAGER



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. 30-025-34788

5. Indicate Type of Lease STATE  FEE

6. State Oil / Gas Lease No.

7. Lease Name or Unit Agreement Name  
NEW MEXICO EA STATE

8. Well No. 1

9. Pool Name or Wildcat  
WILDCAT ABO/WILDCAT DRINKARD

10. Elevation (Show whether DF, RKB, RT,GR, etc.) 3672'

SUNDRY 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 PERMI (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL  GAS WELL  OTHER

2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.

3. Address of Operator 15 SMITH ROAD, MIDLAND, TX 79705

4. Well Location  
Unit Letter A : 410 Feet From The NORTH Line and 610 Feet From The EAST Line  
Section 24 Township 18S Range 37E NMPM LEA COUNTY

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 OPERATION <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: HORIZONTAL COMPLETION <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.

11-08-01: PU 184 JTS 2 7/8" TBG. TAG UP @ 5995. DRILL 2-3' CMT & CIBP. 11-10-01: TIH TO 7612 W/TBG. MIRU WIRELINE TRUCK & PACK OFF. RUN #1 RIW & SET CIBP @ 6633. RUN #2 RIW & SET CMT RET @ 6001. TIH W/TBG & STINGER. TEST CSG TO 500 PSI. MIRU TO SQUEEZE PERFS BELOW C. RET 6504-6068. SPOT 30 BBLS CMT. SQZ CMT. LEAD CMT 100 SX CL H & TAIL IN W/100 SX CL H NEAT. SQZ A TOTAL OF 8.5 BBLS CMT BELOW RET. 11-11-01: TIH W/DC'S & TBG TO 6000. DRILL OUT CMT RET @ 6001 & 71' CMT. TIH TO PBD @ 6633 (CIBP). PRESS TEST SQZ TO 500 PSI.

11-14-01: MIRU KEY ENERGY RIG #118. 11-15-01: TIH W/MILLS & PU DP. TAG @ 6633. (MAKE 4' CORRECTION BY SLM) TO 6629. TIH W/WHIPSTOCK. RUN GYRO. COULD NOT SET WHIPSTOCK. TRIED TO SET 1' TO 10' ABOVE CIBP. SHEAR OFF. FISH WHIPSTOCK. 11-16-01: RAN BIT & CSG SCRAPER TO 6629. SET WHIPSTOCK @ 152.4 AZ. MILL 6620-6629, 6646, 6678, 6795, 6850, 6868, 6962, 6973, 7088, 7095, 7151, 7156, 7215, 7220, 7278, 7286, 7335, 7341, 7346, 7372, 7377, 7466, 7474, 7518, 7529, 7540, 7674 (11-20-01) FISH WHIPSTOCK. 11-21-01: TIH W/RBP & SET @ 6516. RIG RELEASED @ 1400 HRS 11-20-01.

11-27-01: MIRUSU. CHANGE OUT BOP STACK. UNLOAD, RACK & COLLAR 218 JTS 3 1/2" TBG TO BE RUN IN HOLE. 11-28-01: TIH PU 3 1/2" TBG. TIH W/204 JTS TBG TO 6404. 11-30-01: REL RBP @ 6516. LD RBP. TIH ON 3 1/2" FRAC STRING. SHUT DOWN @ 6579. SN @ 6564, PKR @ 6570. 12-01-01: SET PKR & INSTL TREE ON TOP OF BOP. ACIDIZE W/2000 GALS WF 130, 40,000 GALS 20% HCL, 3000 GALS WF130. FLOW TO TEST TANK. 12-08-01: PU 2 7/8" TBG & PKR. PKR SET @ 6562. XO @ 6558, SN @ 6557. SET PKR W/10K LBS IN COMPRESSION. INSTL WH. RDP.

12-19-01: WELL SHUT IN. FINAL REPORT. PENDING FURTHER EVALUATION. (12-03-01: FLOWING TO FRAC TANK: 634 BO, NO GAS SALES, 69 BLW) CIBP/PBD @ 6629'. TOW @ 6620, BOW @ 6629.

\*\*\*\*\*HOLD CONFIDENTIAL FOR 90 DAYS\*\*\*\*\*

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

SIGNATURE *J. Denise Leake* TITLE Regulatory Specialist DATE 1/21/02

TYPE OR PRINT NAME J. Denise Leake Telephone No. 915-687-7375

(This space for State Use)

APPROVED ORIGINAL SIGNED BY PAUL F. KAUTZ PETROLEUM ENGINEER DATE 1/21/02

CONDITIONS OF APPROVAL IF ANY: TITLE DATE

5  
C  
5

2A Hobbs Upper Blinberry

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. Box Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
 Ene Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

*- Amended to correct Pool & Perts*

WELL API NO. 30-025-34788	
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. 1	
9. Pool Name or Wildcat <i>Hobbs Upper</i> BLINEBRY	

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:  
 OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
 b. Type of Completion:  
 NEW WELL  WORKOVER  DEEPEN  PLUG BACK  DIFF RES.  OTHER \_\_\_\_\_

2. Name of Operator  
 TEXACO EXPLORATION & PRODUCTION INC.

3. Address of Operator  
 205 E. Bender, HOBBS, NM 88240

4. Well Location  
 Unit Letter A : 410 Feet From The NORTH Line and 610 Feet From The EAST Line  
 Section 24 Township 18S Range 37E NMPM LEA COUNTY

10. Date Spudded 12/29/99  
 11. Date T.D. Reached 1/29/00  
 12. Date Compl. (Ready to Prod.) 2/15/00  
 13. Elevations (DF & RKB, RT, GR, etc.) 3672'  
 14. Elev. Csghead

15. Total Depth 8650'  
 16. Plug Back T.D. 7625'  
 17. If Mult. Compl. How Many Zones?  
 18. Intervals Drilled By  
 Rotary Tools  
 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
 6068-6094 *Hobbs Upper BLINEBRY*

20. Was Directional Survey Made YES  
 21. Type Electric and Other Logs Run  
 CBL/NGT/NEUTRON DENSITY/FMI LOG  
 22. Was Well Cored YES

**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#	415'	14 3/4"	290 SX CL C	
8 5/8"	36#	5072'	11"	570 SX CL H	
5 1/2"	17#	8650'	7 7/8"	1620 SX	

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)  
 6714-7048 DRINKARD & 6068-6498 BLINEBRY (*Sgd*)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6714-7048	6510 GALS 15% HCL
6068-6498	SQZ-157 SX

**28. PRODUCTION**

Date First Production 4/30/00  
 Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING 1 3/4"X24'  
 Well Status (Prod. or Shut-in) PROD

Date of Test 5-21-00  
 Hours tested 24 HRS  
 Choke Size  
 Prod'n For Test Period  
 Oil - Bbl 20  
 Gas - MCF 74  
 Water - Bbl. 119  
 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.)  
 SOLD  
 Test Witnessed By

30. List Attachments SURVEY, 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 *J. Denise Leake* TITLE Engineering Assistant  
 TYPE OR PRINT NAME J. Denise Leake DATE 8-15-00  
 Telephone No. 397-0405

GW

*DL*

Submit 3 copies to Appropriate District Office

**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. 30-025-34788  
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 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: TEXACO EXPLORATION & PRODUCTION INC.  
3. Address of Operator: 205 E. Bender, HOBBS, NM 88240  
4. Well Location: Unit Letter A : 410 Feet From The NORTH Line and 610 Feet From The EAST Line  
Section 24 Township 18S Range 37E NMPM LEA COUNTY  
10. Elevation (Show whether DF, RKB, RT,GR, etc.) 3672

7. Lease Name or Unit Agreement Name: NEW MEXICO EA STATE  
8. Well No. 1  
9. Pool Name or Wildcat: WILDCAT DEVONIAN

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"/>	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 OPERATION <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: <input type="checkbox"/>	SPUD & SURFACE CSG <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.

12-29-99/12-30-99: MIRU NORTON RIG #411. SPUD WELL @ 2:45 AM, 12/29/99. DRILL TO 105'. DRILLING @ 109'. DRILL TO 114, 140', 415. RU CSG CREW & RUN 10 JTS 11 3/4" 42# H-40 CSG SET @ 415'. FC @ 369'. CENTRALIZED BTM 3 JTS & 7TH JT. FOR TOTAL OF 4 CENTRALIZERS. CIRC CSG. CEMENTED 11 3/4" SURF CSG W/290 SX CL C & 2% S1 & 2% D20 MIXED @ 14.2 PPG, YIELD 1.5 DISPL W/45 BFW. BUMPED PLUG @ 10:20 PM 12/29/99 TO 750 PSI. CHECK FLOAT-HELD., GOOD CIRC. CIRC 6 BBLs OR 22 SX CMT TO SURF. WOC 3.25 HRS. CUT OFF CSG & WELD ON BRADENHEAD. TEST TO 300 PSI-HELD. NUBOP.

CSG/CMT REPORT ATTACHED.

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

SIGNATURE J. Denise Leake TITLE Engineering Assistant DATE 12/31/99  
TYPE OR PRINT NAME J. Denise Leake Telephone No. 397-0405

(This space for State Use)

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

12/31

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

Instructions on back  
Submit to Appropriate District Office

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088

State Lease - 6 Copie

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

Santa Fe, New Mexico 87504-2088

Fee Lease - 5 Copie

AMENDED REPORT

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

Operator Name and Address CHEVRON USA INC 15 SMITH ROAD, MIDLAND, TX 79705		OGRID Number 4323
Property Code 30610	Property Name HARDIN	Well No. 1
API Number 30-025-36035		

Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
D	19	18-S	38-E		660'	NORTH	660'	WEST	LEA

Proposed Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
<p>Proposed Pool 1: WILDCAT TUBB; DRINKARD, ABO</p> <p>Proposed Pool 2: Wildcat, Tubb</p>									

Work Type Code N	Well Type Code O	Rotary or C.T. ROTARY	Lease Type Code P	Ground Level Elevation 3662'
Multiple No	Proposed Depth 7500'	Formation SEE ABOVE	Contractor	Spud Date 11/1/2002

Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	430'	450 SX	CIRCULATED
12 1/4"	9 5/8"	36#	2850'	1200 SX	CIRCULATED
8 5/8"	7"	23"	6700'	1150 SX	CIRCULATED
6 1/4"	O.H.		7500'		

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

**CEMENTING PROGRAM:**  
 SURFACE CASING: 450 SX CLASS C W/2% CACL2 (14.8 WT PPG, 1.34 CMT YIELD)  
 INTERMEDIATE CASING: LEAD IN W/890 SX CLASS H 35/65 POZ W/6% GEL, 5% SALT, & 1/4# CELL (12.8 WT PPG, 1.94 CMT YIELD)  
 TAIL IN W/310 SX CLASS H (15.6 WT PPG, 1.18 CMT YIELD)  
 PRODUCTION CASING: LEAD IN W/900 SX CLASS H 35/65 POZ W/6% GEL, 5% SALT, 1/4# CELL (12.4 WT PPG, 2.14 CMT YIELD)  
 TAIL IN W/250 SX CLASS H 50/50 POZ W/2% GEL, 5% SALT, & 1/4# CELL (14.2 WT PPG, 1.35 CMT YIELD)

O.H. CSG SET @ 7500'

PLEASE HOLD LOGS CONFIDENTIAL FOR 90 DAYS

DOWNHOLE COMMINGLE IS BEING REQUESTED THROUGH SANTA FE, NM.

<p>I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.</p>		<p>OIL CONSERVATION DIVISION</p>	
<p>Signature: <i>Denise Leake</i></p>		<p>Approved By: ORIGINAL SIGNED BY PAUL F. KAUTZ</p>	
<p>Printed Name: Denise Leake</p>		<p>Title: PETROLEUM ENGINEER</p>	
<p>Title: Regulatory Specialist</p>		<p>Approval Date: OCT 24 2002      Expiration Date:</p>	
<p>Date: 10/14/2002</p>	<p>Telephone: 915-687-7375</p>	<p>Conditions of Approval: Attached</p>	

Permit Expires 1 Year From Approval Date Unless Drilling Underway

Q



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
Joanna Prukop  
Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division

November 3, 2003

Chevron USA Inc  
ATT: Denise Pinkerton  
15 Smith Rd  
Midland, TX 79705

RE: CANCELLATION OF INTENT TO DRILL

Hardin #1

D-19-18s-38e

API #30-025-36035

Gentlemen:

Twelve months or more have elapsed since Division Form C-101, Notice of Intention to drill, for the subject well was approved. To date no progress reports, form C-103, have not been received. Therefore, approval of your permit to drill this well has now expired and no drilling operations are to be initiated without further notice to and approval by the Oil Conservation Division. Pending such approval, this location will be considered as an abandoned location.

If drilling has been done, please file subsequent reports of this work immediately to bring this file into current status.

Truly yours,

OIL CONSERVATION DIVISION

A handwritten signature in cursive script that reads "Chris Williams".

Chris Williams  
District I, Supervisor

CW:dm

CC: OCD Santa Fe  
OCD Hobbs  
BLM  
State Land Office

DEC 11 2003

VOID

**Exhibit 1.1 – List of Wells Within the AOR**

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

North Hobbs G/SA Unit No. 112 (30-025-07358)  
North Hobbs G/SA Unit No. 121 (30-025-07357)  
North Hobbs G/SA Unit No. 131 (30-025-07361)  
North Hobbs G/SA Unit No. 141 (30-025-07365)  
North Hobbs G/SA Unit No. 142 (30-025-27138)  
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. 221 (30-025-07355)  
North Hobbs G/SA Unit No. 231 (30-025-07361)  
North Hobbs G/SA Unit No. 241 (30-025-07364)  
North Hobbs G/SA Unit No. 242 (30-025-23481)  
North Hobbs G/SA Unit No. 311 (30-025-07369)  
North Hobbs G/SA Unit No. 321 (30-025-07360)  
North Hobbs G/SA Unit No. 331 (30-025-07363)  
North Hobbs G/SA Unit No. 332 (30-025-29195)  
North Hobbs G/SA Unit No. 341 (30-025-12491)  
North Hobbs G/SA Unit No. 421 (30-025-07368)  
McKinley "A" No. 8 (30-025-12490) <PxA>  
McKinley "A" No. 9 (30-025-12492) <PxA>  
McKinley "A" 19 No. 1 (30-025-07367) <PxA>  
Quarry No. 1 (30-025-32297)

**Section 24, T-18-S, R-38-E**

North Hobbs G/SA Unit No. 413 (30-025-28414)  
North Hobbs G/SA Unit No. 421 (30-025-23081)  
North Hobbs G/SA Unit No. 422 (30-025-05478)  
North Hobbs G/SA Unit No. 431 (30-025-05487)  
North Hobbs G/SA Unit No. 442 (30-025-29098)  
North Hobbs G/SA Unit No. 549 (30-025-36193)  
New Mexico 'EA' State No. 1H (30-025-34788)

## LIST OF OFFSET OPERATORS & SURFACE OWNERS

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North Hobbs (Grayburg/San Andres) Unit  
Well No. 232  
API No. 30-025-29172  
Letter K, Section 19, T-18-S, R-38-E  
Lea County, New Mexico

### **Offset Operators**

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

ChevronTexaco  
15 Smith Road  
Midland, TX 79705

Dwight A. Tipton  
P.O. Box 1025  
Lovington, NM 88260

### **Surface Owners**

DMMT, Inc.  
P.O. Box 1461  
Hobbs, NM 88240

**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:

ChevronTexaco  
15 Smith Road  
Midland, TX 79705

2. Article Number  
(Transfer from service label)

7001 0320 0002 0354 8308

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

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

C. Signature

X

 Agent  
 Addressee

 D. 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**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:

Dwight A. Tipton  
P.O. Box 1025  
Lovington, NM 88260

2. Article Number  
(Transfer from service label)

7001 0320 0002 0354 8315

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

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

C. Signature

X

 Agent  
 Addressee

 D. 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**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:

DMMT, Inc.  
P.O. Box 1461  
Hobbs, NM 88240

2. Article Number  
(Transfer from service label)

7001 0320 0002 0354 8322

PS Form 3811, March 2001

Domestic Return Receipt

102595-01-M-1424

**COMPLETE THIS SECTION ON DELIVERY**

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

C. Signature

X

 Agent  
 Addressee

 D. 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