

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. <b>30-025-07362</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>North Hobbs G/SA Unit</b>
8. Well No. <b>231</b>
9. Pool name or Wildcat <b>Hobbs; Grayburg - San Andres</b>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3655' GL</b>

**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 **WIW**

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 **K** : **2310** Feet From The **South** Line and **2310** Feet From The **West** Line

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

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: **Commence Water Injection** ☒

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.

**2/29/00 - 3/9/00: Convert well to injection (shut well in pending approval of injection permit).**

**Injection commenced on 7/12/00 (Administrative Order PMX-204, July 11, 2000).**

*Inf 2791 bbls @ 570 #*

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 3/28/01

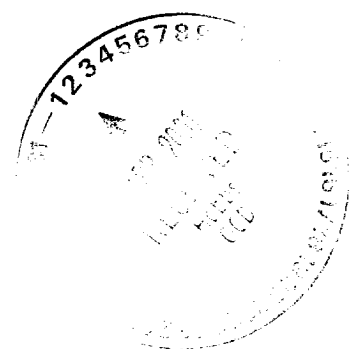
TYPE OR PRINT NAME Mark Stephens TELEPHONE NO. 281/552-1158

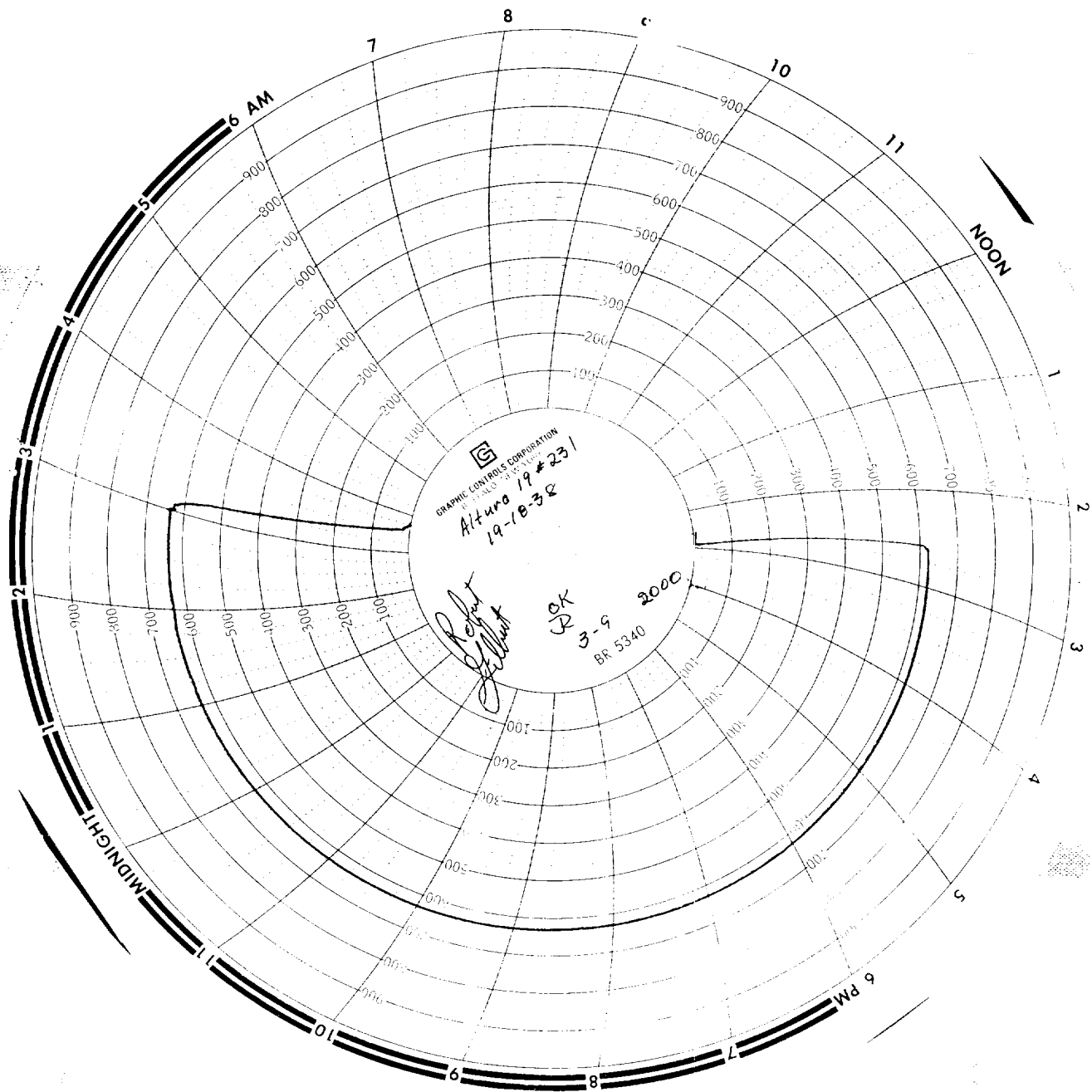
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APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

3  
C  
S





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.  
30-025-07362

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 TA'd ☐

2. Name of Operator ALTURA ENERGY LTD.

3. Address of Operator 1017 W STANOLIND RD.

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

SECTION 19

8. Well No. 231

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

4. Well Location

Unit Letter K : 2310 Feet From The SOUTH Line and 2310 Feet From The WEST Line  
Section 19 Township 18-S Range 38-E NMPM 11-A County

10. Elevation (Show whether DF, RKB, RTGR, etc.)  
3655' 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: CONVERT TO INJECTION ☒

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.

Drill out cibp @ 3880'.

Set CIBP @ 4125'. Set Cmt Ret @ 4000'.

Sqz perfs @ 4062-4091.

Drill out ret @ 4000' to 4237'. Test sqz perfs to 500 PSI. Held OK.

Perforate San Andres from 4150 - 4174.

Acidize Upper San Andres perfs with 1000 gal 15% HCL acid.

Acidize Lower San Andres perfs with 500 gal 15% HCL acid.

Set Guiberson 5.5" Uni VI packer @ 4041'.

Test csg for 30 min and chart for the NMOCD.

Circ csg with inhibited fluid.

Test Date 03/09/2000

Initial reading 620 PSI, 15 min - 630 PSI, 30 min - 640 PSI.

Well has been converted to injection and shut in waiting on injection permits.

RIG UP - 02/29/2000

RIG DOWN - 03/09/2000

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

SIGNATURE Robert N. Gilbert

TITLE LIFT SPECIALIST

DATE 03/21/2000

TYPE OR PRINT NAME R.N. GILBERT

TELEPHONE NO. 505/397-8206

(This space for State Use)

APPROVED BY

ORIGIN  
TITLE

DATE

APR 5 2000

JCSN

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

FILE IN TRIPLICATE

**OIL CONSERVATION DIVISION**

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

2040 Pacheco St.  
Santa Fe, NM 87505

DISTRICT II  
811 S. 1st Street, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO.	30-025-07362
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
8. Well No.	231
9. Pool name or Wildcat	HOBBS (G/SA)

<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	ALTURA ENERGY LTD.
3. Address of Operator	1017 W. Stanolind Rd., HOBBS, NM 88240 505/397-8200
4. Well Location	Unit Letter <u>K</u> : <u>2310</u> Feet From The <u>SOUTH</u> Line and <u>2310</u> Feet From The <u>WEST</u> Line Section <u>19</u> Township <u>18S</u> Range <u>38E</u> NMPM LEA County
10. Elevation (Show whether DF, RKB, RT GR, etc.)	3638 GL

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: <u>Convert to water injector</u> <input checked="" type="checkbox"/>	PLUG & ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <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.

1. DO CIBP at 3880'.
2. Squeeze perfs at 4062-91.
3. Add perfs 4150-74
4. Stimulate perfs
5. Run injection equipment

Well not inject until permit is approved.

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

SIGNATURE D. Nelson TITLE PROD ENGR DATE 3/1/00  
TYPE OR PRINT NAME D. NELSON TELEPHONE NO. 505/397-8200

(This space for State Use)  
APPROVED [Signature] TITLE STATE ENGINEER DATE 3/1/00  
CONDITIONS OF APPROVAL IF ANY:

PMX-204





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division

ADMINISTRATIVE ORDER NO. PMX-204

## ***APPLICATION OF OCCIDENTAL PERMIAN LTD. TO EXPAND ITS PRESSURE MAINTENANCE PROJECT IN THE HOBBS GRAYBURG-SAN ANDRES POOL IN LEA COUNTY, NEW MEXICO***

### **ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Order No. R-6199, Occidental Permian, Ltd. has made application to the Division on June 19, 2000 and June 26, 2000 for permission to expand its North Hobbs Grayburg-San Andres Unit Pressure Maintenance Project in the Hobbs Grayburg-San Andres Pool in Lea County, New Mexico.

#### **THE DIVISION DIRECTOR FINDS THAT:**

- (1) The application has been filed in due form.
- (2) Satisfactory information has been provided that all offset operators have been duly notified of the application.
- (3) No objection has been received within the waiting period as prescribed by Rule 701(B).
- (4) The proposed injection wells are eligible for conversion to injection under the terms of Rule 701.
- (5) The proposed expansion of the above referenced pressure maintenance project will not cause waste nor impair correlative rights.
- (6) The application should be approved.

#### **IT IS THEREFORE ORDERED THAT:**

The applicant, Occidental Permian, Ltd., be and the same is hereby authorized to inject water into the Grayburg and San Andres formations at approximately 4130 feet to approximately 4300 feet through 2 7/8-inch plastic or fiberglass lined tubing set in a packer located approximately 100 feet above the uppermost injection perforations in the following described wells for purposes of pressure maintenance to wit:

**North Hobbs (Grayburg/San Andres) Unit Well No.231**  
**(API No. 30-025-07362)**

2310 FSL & 2251 FWL, Unit 'K', Section 19,  
Township 18 South, Range 38 East, NMPM,  
Injection Interval 4130 feet to 4254 feet  
Maximum Injection Pressure - 826 psig

**North Hobbs (Grayburg/San Andres) Unit Well No.422**  
**(API No. 30-025-05478)**

2310 FNL & 330 FWL, Unit 'H', Section 24,  
Township 18 South, Range 37 East, NMPM,  
Injection Interval 4130 feet to 4254 feet  
Maximum Injection Pressure - 826 psig

**North Hobbs (Grayburg/San Andres) Unit Well No.211**  
**(API No. 30-025-07503)**

428 FNL & 2248 FWL, Unit 'C', Section 31,  
Township 18 South, Range 38 East, NMPM,  
Injection Interval 4186 feet to 4260 feet  
Maximum Injection Pressure - 837 psig

**North Hobbs (Grayburg/San Andres) Unit Well No.121**  
**(API No. 30-025-07464)**

2310 FNL & 327 FWL, Lot 2, Section 30,  
Township 18 South, Range 38 East, NMPM,  
Injection Interval 4148 feet to 4297 feet  
Maximum Injection Pressure - 830 psig

**North Hobbs (Grayburg/San Andres) Unit Well No.411**  
**(API No. 30-025-07470)**

330 FNL & 330 FEL, Unit 'A', Section 30,  
Township 18 South, Range 38 East, NMPM,  
Injection Interval 4171 feet to 4300 feet  
Maximum Injection Pressure - 834 psig

located in Lea County, New Mexico.



IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected fluid enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection wells or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection wells to no more than .2 psi per foot of depth to the uppermost injection perforation.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected fluid from the Grayburg or San Andres formations.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing or packer in said wells and shall take such steps as may be timely and necessary to correct such failure or leakage.

The subject wells shall be governed by all provisions of Division Order No. R-6199 and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The injection authority for the wells granted herein, shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the wells, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

