

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

|   |  |   |
|---|--|---|
| <sup>1</sup> Operator Name and Address<br>The Wiser Oil Company<br>P.O. Box 2568<br>Hobbs, New Mexico 88241 |  | <sup>2</sup> OGRID Number<br>022922         |
| <sup>3</sup> Property Code<br>11838   | <sup>4</sup> Property Name<br>Lea State-L.L. State | <sup>5</sup> API Number<br>30 - 025 - 37023 |
| <sup>9</sup> Proposed Pool 1<br>Maljamar Grayburg San Andres  |  | <sup>6</sup> Well No.<br>4                  |
|   |  | <sup>10</sup> Proposed Pool 2<br>Delaware   |

**7 Surface Location**

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E             | 32      | 17-S     | 32-E  |         | 2310          | North            | 330           | West           | Lea    |

**8 Proposed 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

**Additional Well Information**

|  |  |  |                                     |   |
|--|--|--|-------------------------------------|---|
| <sup>11</sup> Work Type Code<br>N  | <sup>12</sup> Well Type Code<br>O      | <sup>13</sup> Cable/Rotary<br>R                  | <sup>14</sup> Lease Type Code<br>S  | <sup>15</sup> Ground Level Elevation<br>3880' |
| <sup>16</sup> Multiple<br>No   | <sup>17</sup> Proposed Depth<br>5,000' | <sup>18</sup> Formation<br>Grayburg San Andres   | <sup>19</sup> Contractor<br>Unknown | <sup>20</sup> Spud Date<br>January 30, 2004   |
| Depth to Groundwater<br>120.85   |  | Distance from nearest fresh water well<br>2,000+ |                                     | Distance from nearest surface water<br>2000+  |
| Pit: Liner: Synthetic <input type="checkbox"/> 12_mils thick Clay <input type="checkbox"/> Pit Volume: 12,000 bbls Drilling Method:<br>Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/> |  |  |                                     |   |

**21 Proposed Casing and Cement Program**

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC        |
|-----------|-------------|--------------------|---------------|-----------------|----------------------|
| 12 1/4"   | 8 5/8"      | 24# I-55 LTC       | 600'          | 330 Class "C"   | Circulate            |
| 7 7/8"    | 5 1/2"      | 17# K-55 LTC       | 5,000'        | 540 Class "C"   | Circulate to surface |
|           |             |                    |               |                 |                      |
|           |             |                    |               |                 |                      |
|           |             |                    |               |                 |                      |

22 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.  
It is proposed to drill the above captioned well to a total depth of 5,000' with rotary tools. If commercial production is indicated, the well will be perforated and stimulated as necessary.

The drilling pad dimensions will be 330' X 200' and the reserve pit is 100' X 85' X 8'. The pit will be lined with a 12 mil liner and a volume of 12,000 bbls.

Cementing surface will have 230 sks. 13.8 ppg 1.65 cf/sk. w/additives (Class "C") followed by 100 sks. 14.8 ppg 1.34 cf/sk. w/additives. 12 hr. 1200 psi 24 hr. 2400 psi 72 hr. 2700 psi.

Cementing production will have 335 sks. 11.8 ppg 2.45 cf/sk. w/additives (50/50 POZ Class "C") followed by 205 sks. 14.5 ppg 1.54 cf/sk. w/additives.

Blow Out Prevention: 10" Series 900 Type "E" Shaffer Hydraulic BOP. 3,000 psi

|  |   |  |
|--|---|--|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . | <b>OIL CONSERVATION DIVISION</b>                        |  |
|  | APPROVED BY: <b>PAUL F. KAUTZ</b><br>PETROLEUM ENGINEER |  |
| Printed name: Mary Jo Turner   | Title:  |  |
| Title: Production Tech II  | Approval Date: DEC 29 2004                              | Expiration Date:   |
| E-mail Address: mjtturner@forestoil.com  |   |  |
| Date: December 15, 2004  | Phone: (505) 392-9797                                   | Conditions of Approval Attached <input type="checkbox"/> |

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
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<br>30-025-37023 | <sup>2</sup> Pool Code<br>43329                  | <sup>3</sup> Pool Name<br>MALJAMAR, GRAYBURG, SAN ANDRES |
| <sup>4</sup> Property Code<br>11838     | <sup>5</sup> Property Name<br>LEA STATE LL State | <sup>6</sup> Well Number<br>#4                           |
| <sup>7</sup> OGRID No.<br>022922        | <sup>8</sup> Operator Name<br>Wiser Oil Company  | <sup>9</sup> Elevation<br>3880                           |

<sup>10</sup> Surface Location

|                    |               |                  |               |         |                        |                           |                      |                        |               |
|--------------------|---------------|------------------|---------------|---------|------------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>E | Section<br>32 | Township<br>17-S | Range<br>32-E | Lot Idn | Feet from the<br>2310' | North/South line<br>NORTH | Feet from the<br>330 | East/West line<br>WEST | County<br>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<br>40 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|

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

|  |  |  |  |
|--|--|--|--|
|  | <sup>17</sup> OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br>Signature: Mary Jo Turner<br>Printed Name: MARY JO TURNER<br>Title and E-mail Address: Production Tech II<br>Date: December 15, 2004  |  |  |
|  | <sup>18</sup> SURVEYOR CERTIFICATION<br>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.<br>Date of Survey: 11/23/04<br>Signature and Seal of Professional Surveyor: Bruce R. Pennell<br>Certificate Number: 9062 |  |  |

# FOREST OIL CORPORATION WELL PLAN

AFE:

WELL NAME Lea State LL #3, 4, 5, 6 LEASE:

SURFACE LOCATION: Section 32, T17S, R32E

BOTTOM HOLE LOCATION: STRAIGHT HOLE

TOTAL DEPTH: 4500' MD/4500' TVD ELEV.: 3900'

DATE: 11/15/04

WD: N/A

THE SUBJECT WELL WILL TEST The Grayburg/San Andres

| <u>SURVEYS</u> | <u>SIGNIFICANT TOPS</u>   | <u>WELL DEPTH</u> | <u>CASING</u>            | <u>HOLE SIZE</u> | <u>MUD WT.</u> |
|----------------|---------------------------|-------------------|--------------------------|------------------|----------------|
|                |                           |                   | 16" CNDTR @ 40'          |                  |                |
|                |                           |                   | 8-5/8" SURFACE @ 600'    | 12-1/4"          | 9              |
|                |                           |                   | 24#, J55, LTC            |                  |                |
| 0              | <u>Rustler@937'</u>       |                   |                          |                  |                |
|                | <u>Yates@2311'</u>        |                   |                          |                  |                |
|                |                           |                   |                          |                  |                |
|                | <u>Bowers Sand@3087'</u>  |                   |                          |                  | 10             |
| 0              | <u>Queen@3303'</u>        |                   |                          |                  |                |
|                | <u>Penrose@3489'</u>      |                   |                          |                  |                |
|                | <u>Grayburg@3667'</u>     |                   |                          |                  |                |
|                | <u>Premier sand@3971'</u> |                   |                          |                  |                |
|                | <u>San Andres@4103'</u>   |                   |                          |                  |                |
| 0              |                           |                   | 5-1/2 PRODUCTION @ 4500' | 7-7/8"           | 10             |
|                |                           |                   | 17#, K55, LTC            |                  |                |



## Western Region

Maljamar Field

Lea County, NM

Lea State LL Proposed Wells

### POSTED WELL DATA

Operator  
Well Number  
FOC  
WELL - COUP DATE

### REMARKS

Proposed Wells Circled

Map Scale: 1" = 1,000'

By: Vic Smith

November 8, 2004

TURNER GEORGE  
LR SIMON B

1  
4,527  
6/1/1943

MARBOB ENERGY CORP  
LASSOED LIZARD FEDER

1  
0

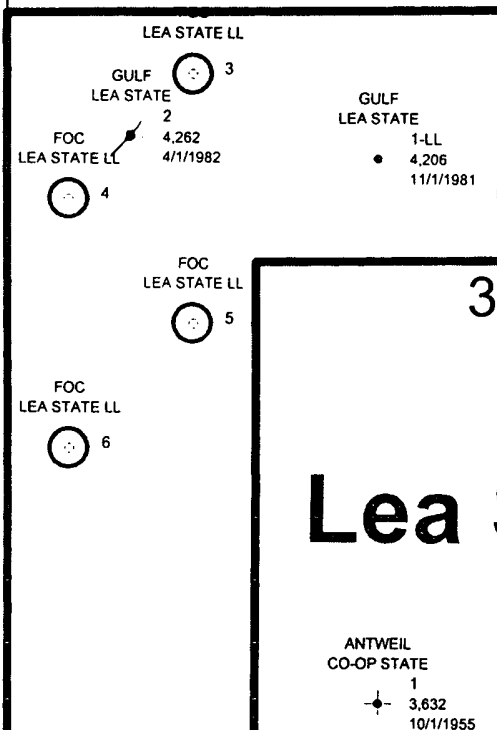
3  
4,150  
9/1/1988

9  
0

4  
5,000

1  
0

| 3                             | 1                  | 2                            | 8-B               | 6                             |
|-------------------------------|--------------------|------------------------------|-------------------|-------------------------------|
| KERSEY & CO •<br>HOOVER-STATE | 4,215<br>6/1/1980  | WALLINGFORD JR<br>STATE      | 4,200<br>4/1/2000 | KERSEY & CO •<br>HOOVER-STATE |
| ARROWHEAD OIL<br>HOOVER       | 4,150<br>12/1/1941 | ARROWHEAD OIL<br>WALLINGFORD | 4,022<br>8/1/1941 | 3,955<br>3/1/1941             |
| 2<br>4,152<br>4/1/1981        |                    | 3<br>4,275<br>4/1/1981       |                   |                               |



KERSEY & CO  
HOOVER-FRITSC

4  
4,150  
3/1/1942

KERSEY & COMPANY  
HOOVER  
KERSEY AND CO  
HOOVER-FRITSC

7  
4,200  
3/1/1985

LARUE CE & BN  
PRSL QUN SND

3  
4,700  
7/1/1942

LARUE CE & BN  
PRSL QUN SND

1  
3,490  
3/1/1942

ANADARKO  
PEARSALL UNIT

14-1  
3,650  
11/1/1965

ANADARKO  
PEARSALL UNIT

13-1  
3,630  
12/1/1965

ANTWEIL  
CO-OP STATE

1  
3,632  
10/1/1955

LARUE & MUNCY  
BASSETT BIRNEY

1  
5,003  
5/1/1984

ROY SMITH  
WALKER B

1  
3,719  
1/1/1956

ANADARKO PRODUCTION  
PEARSALL UNIT 3

2  
3,727  
5/1/1967

LARUE CE & BN  
PRSL QUN SND

1  
3,743  
10/1/1941

# BOP & CHOKE MANIFOLD

3000# Working Pressure

3000# Working Pressure Choke Manifold

