

## 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

June 16, 2008



## Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

JUL 10 2008

OCD-ARTESIA

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

|  |  |                              |
|--|--|------------------------------|
| Operator Name and Address<br>FOREST OIL CORPORATION<br>707 17 <sup>TH</sup> STREET, SUITE 3600<br>DENVER, CO 80202 |  | OGRID Number<br>8041         |
| Property Code<br><del>37098</del> 302322   |  | API Number<br>30-015 - 36423 |
| Property Name<br>STATE B   |  | Well No<br>13                |
| Proposed Pool 1<br>GRAYBURG JACKSON; SR-Q-G-SA   |  | Proposed Pool 2              |

## Surface Location

| UL or lot no | Section | Township | Range | Lot/ldn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P            | 16      | 17 S     | 31 E  |         | 760           | SOUTH            | 760           | EAST           | EDDY   |

## Proposed Bottom Hole Location If Different From Surface

| UL or lot no | Section | Township | Range | Lot/ldn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

## Additional Well Information

|                     |                          |                        |                      |                                  |
|---------------------|--------------------------|------------------------|----------------------|----------------------------------|
| Work Type Code<br>N | Well Type Code<br>I      | Cable/Rotary<br>ROTARY | Lease Type Code<br>S | Ground Level Elevation<br>3,846' |
| Multiple<br>N       | Proposed Depth<br>4,100' | Formation<br>GRAYBURG  | Contractor           | Spud Date<br>UPON APPROVAL       |

## 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                 | 430'          | 250             | SURFACE       |
| 7-7/8"    | 5-1/2"      | 17                 | 4,100'        | 1,250           | 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.
- 23 Will use Shaffer double ram BOP with 3000 psi working pressure & 5000 psi test pressure
- 24 Will drill surface hole with M-1 gel spud mud (8.4 - 8.8 ppg)
- 25 Will drill long string hole with brine water (9.9-10.0 ppg) & salt gel / My LO gel (10.0-10.2 ppg)
- 26 Will file C-144 under separate cover

**NOTE: NEW PIT RULE**  
19-15-17 NMAC PART 17  
A form C-144 must be approved  
before starting drilling operations.

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

Signature

Printed name  
BRIAN WOODTitle  
CONSULTANTE-mail Address  
brian@permitswest.comDate  
7-4-08Phone  
505 466-8120

## OIL CONSERVATION DIVISION

Approved

Approval Date

7/18/08

Expiration Date

7/18/10

Conditions of Approval Attached ☐

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 86240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State EDDYse - 4 Copies

Fee EDDYse - 3 Copies

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                                      |  |   |
|--------------------------------------|--|---|
| API Number<br><b>30-015-36423</b>    | Pool Code<br><b>28509</b>                      | Pool Name<br><b>GRAYBURG JACKSON; SR-Q-G-SA</b> |
| Property Code<br><b>37098-302322</b> | Property Name<br><b>STATE B.</b>               | Well Number<br><b>13</b>                        |
| OGRID No.<br><b>8041</b>             | Operator Name<br><b>FOREST OIL CORPORATION</b> | Elevation<br><b>3846'</b>                       |

Surface Location

|                           |                      |                         |                      |                     |                             |                                  |                             |                               |                       |
|---------------------------|----------------------|-------------------------|----------------------|---------------------|-----------------------------|----------------------------------|-----------------------------|-------------------------------|-----------------------|
| UL or lot No.<br><b>P</b> | Section<br><b>16</b> | Township<br><b>17-S</b> | Range<br><b>31-E</b> | Lot Idn<br><b>.</b> | Feet from the<br><b>760</b> | North/South line<br><b>SOUTH</b> | Feet from the<br><b>760</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
|---------------------------|----------------------|-------------------------|----------------------|---------------------|-----------------------------|----------------------------------|-----------------------------|-------------------------------|-----------------------|

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 |
|                 |                 |                    |           |         |               |                  |               |                |        |
| Dedicated Acres | Joint or Infill | Consolidation Code | 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

|  |  |  |
|--|--|--|
|  | <p>GEODETIC COORDINATES<br/>NAD 27 NME</p> <p>Y=665723.5 N<br/>X=642926.9 E</p> <p>LAT.=32.829296° N<br/>LONG.=103.868036° W</p> | <b>OPERATOR CERTIFICATION</b>  |
|  |  | <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> |
|  |  | <p><i>Brian Wood</i> <b>7-4-08</b></p> <p>Signature Date</p> <p><b>BRIAN WOOD</b></p> <p>Printed Name</p>  |
|  |  | <b>SURVEYOR CERTIFICATION</b>  |
|  |  | <p>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.</p>   |
|  |  | <p><b>RONALD J. EIDSON</b> <b>12-1-2008</b> <b>LA</b></p> <p>Date Surveyed</p> <p><i>Ronald J. Eidson</i> <b>3239</b></p> <p>Signature Seal of Professional Surveyor</p>   |
|  |  | <p><b>Certificate No. GARY G. EIDSON 12641</b></p> <p><b>RONALD J. EIDSON 3239</b></p>   |