

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM

87505

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

WELL API NO.

30-025-00445

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Maljamar Grayburg Unit

8. Well Number

12

9. OGRID Number

10. Pool name or Wildcat
Maljamar 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 ☐ Gas Well ☒ Other WIW

2. Name of Operator

Forest Oil Corporation

3. Address of Operator

707 17th Street, Suite 3600, Denver, Colorado

4. Well Location

Unit Letter: O feet from the 660 line and South feet and 1905 from the East line

Section 3 Township 17S Range 32E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4284' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. 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 ☐ MULTIPLE COMPL ☐

OTHER: Reperforate Grayburg and acidize ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

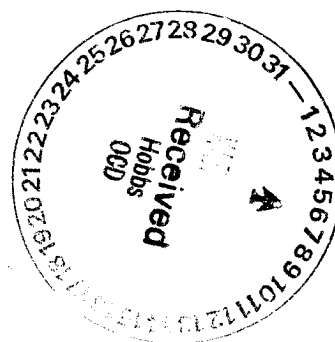
COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached Procedure



hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Cindy Bush TITLE Sr. Regulatory Tech DATE 3-01-07

Type or print name Cindy Bush E-mail address: cabush@forestoil.com Telephone No. 303-812-1554

For State Use Only

APPROVED BY: Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE

Conditions of Approval (if any):

MAR 19 2007

MGBU #12

Sec.3, T17S, R32E
Maljamar Grayburg Field
Lea County, NM

**Forest Oil Corporation
Perforation & Acidizing Procedure**

2/27/2007

JZ

Project: Reperforate the Grayburg Formation and break down w/ acidize.

Workover Procedure

Note: Workover rig on well, pkr set @ 3,790' KB & tested csg annulus, tested good, pressure up on tbg to 3,000 psig with zero injection rate.

- 1) Release pkr, TOOH w/ 2-3/8" Rice lined tbg & pkr.
- 2) PU & TIH w/ 3-1/4" mill tooth bit on 2-3/8", 4.7#, J-55, EUE, 8R tbg work string.
- 3) RU power swivel & reverse unit, clean out wellbore to PBTD @ 4,410' KB, TOOH w/ tbg & bit.
- 4) RU perforators, run Gamma Ray / CCL correlation log, & perforate the Grayburg Formation using a select fire csg gun (60 intervals, 2 spf, 120 holes) at the specified perforations depths.
Note: Use the Wedge Wireline Inc. C.P.N.L dated 10/2/93 for depth correlation.
Use a standard pack off for perforating.
- 5) PU & TIH w/ 4" pkr & 2-3/8" seating nipple (1-25/32" ID) on 2-3/8", 4.7#, J-55, EUE, 8R tbg work string, set pkr in 4" csg liner @ 3,900' KB, load csg annulus & test pkr.
- 6) RU Petroplex acidizing company, acidize the Grayburg perforations w/ 2,500 gals 15% NE FE HCl acid as follows:
 - Pump 500 gals of 15% HCl acid.
 - Pump 2,000 gals of 15% HCl acid w/ 200 - 7/8", 1.3 SG ball sealers dispersed through out acid.
 - Displace acid to bottom perf w/ 20 bbls of 2% KCl wtr.
- 7) Rig up swab equipment, swab back acid load to clean up well.
- 8) RU pump truck & test injectivity down tubing.
- 9) Release pkr & TOOH w/ tbg & pkr, laying down tbg work string.
- 10) PU & TIH w/ 5-1/2" AD-1 injection pkr & 2-3/8" seating nipple on 2-3/8", 4.7#, J-55, EUE, 8R, Rice lined injection tbg.
- 11) Load csg annulus w/ Nalco pkr fluid mixed w/ 2% KCl wtr, set pkr @ 3,790' KB, & test csg annulus to 500 psig.
- 12) ND BOP, NU wellhead.
- 13) RDMO workover rig.

Note: Record tbg & csg annulus wellhead pressures daily.
Record accurate swab data per swab run w/ initial fluid levels.
Report estimates of gas flow rates after swab runs.
Record all depths corrected back to ORKB (Original rotary kelly bushing).
Collect water samples from all intervals & send for analysis when ever possible.
Think Safe - Be Safe!

MGBU #12

Sec.3, T17S, R32E
 660' FSL & 1,980' FEL
 Maljamar Grayburg Field
 Lea County, NM

Elev. GL @ 4,284'
 Elev. KB @ ? (? KB).

Forest Oil Corporation

API #30-025-00445

2/27/2007

JZ

Existing Wellbore Diagram

Spud Date: 2/8/46.

Surface Casing

8-5/8", 32#, J-55, ST&C csg, set @ 1,344' KB.
 Cmted w/ 50 sx.
 (12-1/4" Hole).

Production Casing

5-1/2", 15.5#, J-55, LT&C @ 4,063' KB.
 Cmted w/ 100 sx, TOC @ 3,040' KB by CBL.
 (7-7/8" Hole).

Casing Liner

4", 11.34#, J-55, FLS4 (563') @ 4,415' KB.
 Liner Top @ 3,851' KB.
 Cmted w/ 90 sx, TOC @ 4,055' KB by CBL.
 (4-3/4" Hole).

4 sqz holes @ 4,030' KB, set CR @ 3,939' KB
 & sqz w/ 25 sx.

Tubing

2-3/8", 4.7#, J-55, EUE, 8rd, Rice lined tbg (122 jnts).
 5-1/2" AD-1 Pkr.
 Pkr Landed @ 3,790' KB.

Perforation Intervals

Grayburg:
 4,048', 53', 54', 55', 58', 83', 84', 85', 87', 88',
 99', 4,105', 09', 27', 36', 37', 39', 73', 74', 75',
 76', 83', 93', 97', 4,201', 07', 09', 61', 62', 63',
 4,341', 42', 45', 46', 47' KB (1 spf, 35 holes).

Grayburg (4,048' - 4,347' KB).

Acidized w/ 3,000 gals 15% NE FE DI acid w/ 70
 ball sealers, BD @ 1,200 psig, avg 3.7 bpm @
 1,200 psig, ISIP @ 600 psig.

- TOC @ 3,040' KB.

- Pkr @ 3,790' KB.

- 4" csg hanger @ 3,851' KB.

- 5-1/2" csg @ 4,063' KB.

- Grayburg Perfs @ 4,048' - 4,347' KB (Gross).

PBSD @ 4,410' KB.

TD @ 4,415' KB.

1,344'

4,415'

