

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

FEB 03 2009

HOBBSOCD

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION ✓		5. Lease Serial No. NMNM016799
2. Name of Operator FOREST OIL CORPORATION / Contact: CINDY A BUSH E-Mail: cabush@forestoil.com		6. If Indian, Allottee or Tribe Name
3a. Address 707 SEVENTEENTH STREET, SUITE 3600 DENVER, CO 70202	3b. Phone No. (include area code) Ph: 303-812-1554 Fx: 303-864-6105	7. If Unit or CA/Agreement, Name and/or No. NMNM70988X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T17S R32E SENE 1988FNL 660FEL H /		8. Well Name and No. MALJAMAR GB UN 05 /
		9. API Well No. 30-025-00450-00-S1 /
		10. Field and Pool, or Exploratory MALJAMAR Grayburg, SA ✓
		11. County or Parish, and State LEA COUNTY, NM /

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

NOTICE OF WRITTEN ORDER - AJM 059-08

- MIRUPU. INSTALL BOP AS REQUIRED.
- RIH W/TUBING TO CHECK PRTD (APPROX 4000').
- SET CIBP @ 4000' P W/ 100' CEMENT 25 SX.
- LOAD HOLE W/ HEAVY MUD.
- SHOOT A 4 WAY SQUEEZE PERF AT 419'.
- SQUEEZE CEMENT AT SQUEEZE PERF AT 419'. TAG CEMENT TOP IN CASING. LOAD HOLE W/ CEMENT TO ACHEIVE CEMENT TOP AT 419' AS NECESSARY.
- LOAD HOLE W/ HEAVY MUD.
- SET CEMENT PLUG 60' TO SURFACE.
- CUT OFF CASING AS NEEDED. INSTALL DRYHOLE MARKER.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Perf. SQUEEZE AND tag plugs.  
@ 2480' BOPS, + 1150' TOS

APPROVED

JAN 31 2009

14. I hereby certify that the foregoing is true and correct. Electronic Submission #66610 verified by the BLM Well Information System For FOREST OIL CORPORATION, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 01/26/2009 (09KMS0392SE)		JAMES A. AMOS SUPERVISOR-EPS
Name (Printed/Typed) CINDY A BUSH	Title SR. REGULATORY TECH	
Signature (Electronic Submission)	Date 01/26/2009	

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By (BLM Approver Not Specified) <i>[Signature]</i>	Title DISTRICT 1 SUPERVISOR	Date 01/31/2009
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office Hobbs		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #66610 that would not fit on the form**

**32. Additional remarks, continued**

11. REMEDIATE SURFACE AS REQUIRED.

PLEASE SEE ATTACHED WBD BEFORE AND AFTER

**Maljamar Grayburg Unit # 5**  
1980' FNL 660' FEL Unit H  
Sec 3 T17S R32E  
Lea County, NM

Dec-08

Spud 10-28-59

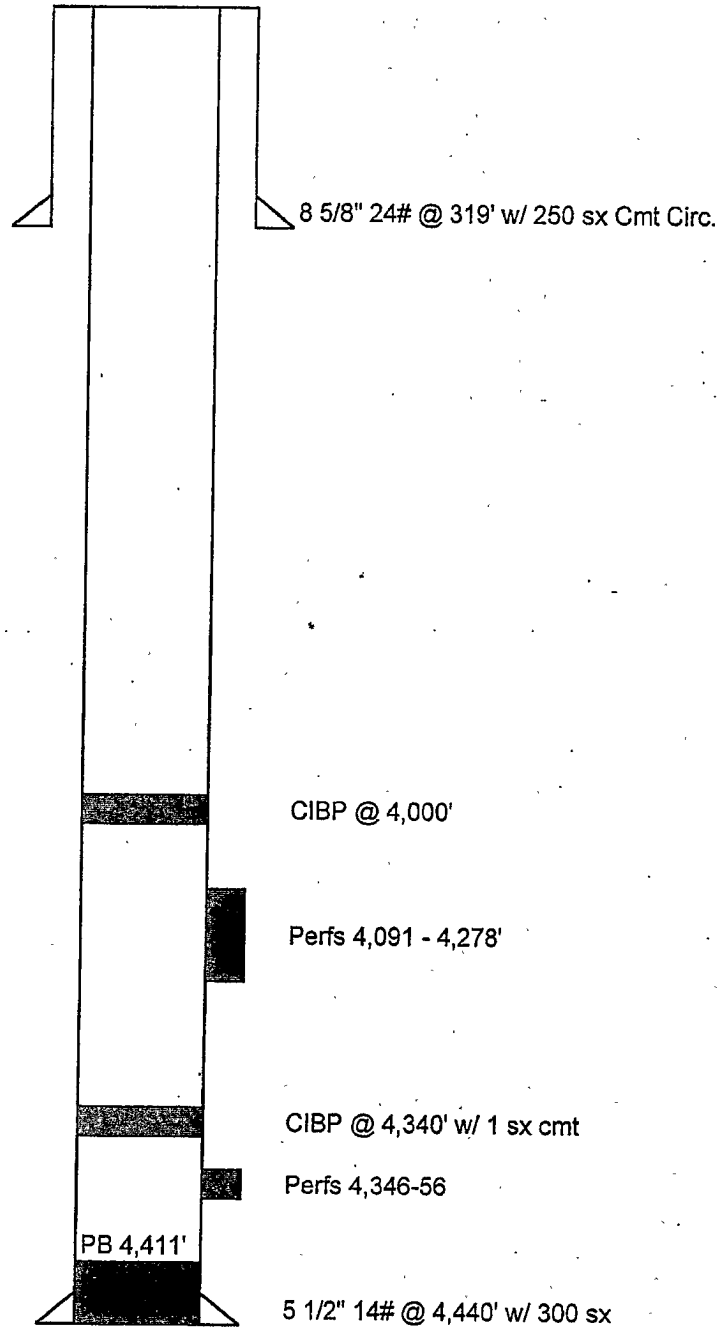
DF Elev. 4,272'

**Perforations:**

4,091-98, 4,141-46,  
4,164-66, 4,178-82,  
4,244-47, 4,250-52,  
4,270-78

**Tubing:**

None in well



### PROPOSED P&A WELLBORE DIAGRAM

Spud 10-28-59

C 5 hole

PB 4,411'

Perf @ 60' SD 12 1/4" hole

Top of cement plug @ 219' 269

N. 40 325

8 5/8" 24# @ ~~319'~~ w/ 250 sx Cmt Circ.

Bottom of cement plug @ 419' 369 WDC 20g  
Squeeze holes @ 419' 369

Top Salt 1320

Perforate @ 1370

Squeeze

Southern  
From 1370-1270 7 7/8" hole.  
woc Tag

WVC Tag

2430

2530

530 ~~25 SF Min.~~  
Perf Squeeze WOC Tag

Top of cement plug @ 3,900'

CIBP @ 4,000'

25 x min.

Perfs 4,091 - 4,278'

CIBP @ 4,340' w/ 1 sx cmt

Perfs 4,346-56

PB 4,411'

J-55 4449  
4750  
5 1/2" 14# @ 4,440 w/ 300 sx

394 cu/ft  
2285 ft. f:LL  
CTOC 2465

Forest Oil Corporation  
NMNM016799: Maljamar Grayburg Unit 5  
1988' FNL & 660' FEL Sec. 3, T17S-R32E  
Lea County, New Mexico

RE: Plugging and Abandonment Requirements, Conditions of Approval

Step 1. OK

Step 2. OK

Step 3. Set CIBP @ 4000', Cap with a minimum of 25 sacks cement (TOC @ 3750 +/-.

Step 4. Load hole w/ 9# mud

Step 5. Perforate 5-1/2" casing @ 2530', squeeze with adequate cement to fill 120' in/out of 5-1/2" casing (covers the base of salt). WOC and tag no lower than 2410'.

Step 7. Perforate 5-1/2" casing @ 1370', squeeze with adequate cement to fill 100' in/out of the 5-1/2" (covers the top of salt). WOC and tag no lower than 1270'.

Step 8. Perforate 5-1/2" casing @ 369', squeeze with adequate cement to fill 100' in/out of the 5-1/2" (covers the surface shoe). WOC and tag no lower than 269'.

Step 9. Perforate 5-1/2" casing @ 60', squeeze with adequate cement to circulate cement to surface in/out of 5-1/2" casing.

See attached standard COA's.

James A. Amos  
575-234-5909

1/31/09

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

Permanent Abandonment of Federal Wells  
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.