

CONFIDENTIAL

Form 3160-5  
(JUNE 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals.

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

5. Lease Designation and Serial No  
Jic 458

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache Tribe

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No  
Jicarilla 458-5 No. 5

9. Well API No  
30-039-25947

10. Field and Pool, or Exploratory Area  
East Blanco; Pictured Cliffs

11. County or Parish, State  
Rio Arriba County, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator  
Mallon Oil Company

3. Address and Telephone No  
P.O. Box 2797 Durango, CO 81302 (970)382-9100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1640' FNL and 790' FEL (SE/NE) Unit H  
Sec. 5, T30N-R03W

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

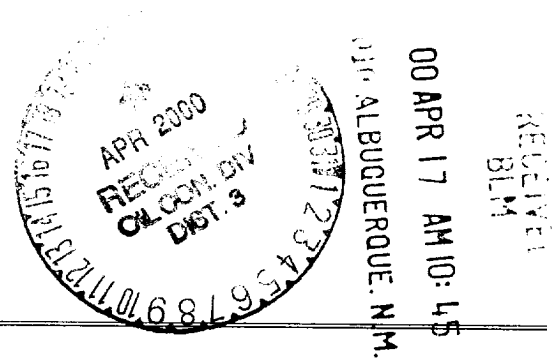
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other: Commingled  
Completion
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)

Mallon Oil Company intends on completing the above referenced well, as per the attached procedure, and down hole commingling all productive zones tested.



14. I hereby certify that the foregoing is true and correct

Signed Gay Davis Title Office Manager Date 4/10/00

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By [Signature] Title Retired Eng Date 4/18/00

Conditions of approval, if any:

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

CONFIDENTIAL

**Mallon Oil Company**  
**JICARILLA 458-5 # 5**  
**SE/NE Sec 5, T 30N, R 03W**  
**Rio Arriba County, New Mexico**

Surface casing: 8-5/8", 24 lb/ft, @ 278'  
Production casing: 5-1/2", 15.5 lb/ft, @ 4175'  
Marker Joint: @ 3733'  
PBSD: 4130'

**Completion Procedure (PC, OA, NA, SJ)**

1. MIRU completion rig, NU BOP, PU and TIH with 4-3/4" bit and 2-7/8" tbg to PBSD
2. Pressure test csg to 1000 psi, circulate hole with 2% KCL water. Swab well down to 2000', TOOH w/ tbg and bit.
3. Run GR/CCL correlation log from PBSD to  $\pm$  278' (bottom of surface casing). RIH with 3-1/8" csg gun and perforate the Pictured Cliffs formation 3934'-3955' with 4 jspf, 60 degree phasing, and the Ojo Alamo formation 3352'- 3405' 2 jspf, 120 degree phasing.
4. RU isolation tool, RU Service Co. fracture stimulate as per procedure.
5. Shut well in after stimulation. RU perforators, RIH and perforate the Nacimiento Formation 2900'- 2919', 2930'- 2936', 3204'- 3219' with 4 jspf, 60 degree phasing. RD perforators RU well to flow test.
6. Swab/flow test well, send water sample in daily.
7. TIH with 5-1/2" RBP and set at  $\pm$  2100'. Test RBP to 500 psi. Dump 2 sks of sand on top of RBP. Swab well down to 1200'.
8. RU perforators and perforate the San Jose Formation from 1414' – 1426', 1597'- 1606', 1734' 1748', 1789'- 1804' with 4 jspf, 60 degree phasing.
9. RU Service Co. fracture stimulate as per procedure.
10. Swab/flow test well, send water sample in daily.
11. Release pkr. TOOH, PU sand pump and clean off RBP at  $\pm$  2100', TOOH, LD bailer TIH release RBP, TOOH.LD RBP.
12. RU test separator, PU 5-1/2" RBP and 5-1/2" pkr. TIH, Straddle and test each formation. Retrieve gas sample for each formation for analysis. TOOH with tbg. pkr, and RBP. RU wireline truck, run Gamma Ray Log from TD to surface.
13. Test results will determine production tubing size. TIH with production tbg. with 1.81" seat nipple 1 jt. Off bottom. Set bottom of tbg. at  $\pm$  3955'.
14. ND BOP NU wellhead, flow well to pit for test, release rig. Build tank battery install meter runs.

**Jicarilla 458-5 No.5**

Sec.5, T30N, R3W

East Blanco Field

Rio Arriba County, NM

**Mallon Oil Company****Wellbore Diagram****Surface Casing**

8 5/8", 24#, K-55, ST&amp;C, set @278' KB.

**Production Casing**

5 1/2", 15.5#, J-55, ST&amp;C, set @ 4,175' KB.

**Tubing,:****Perforations****San Jose**

1414'-1426'

1597'-1606'

1734'-1748'

1789'-1804'

**Nacimiento**

2900'-2919'

2930'-2936'

3204'-3219'

**Ojo Alamo:**

3352'-3405'

**Pictured Cliffs**

3934'-3955'

