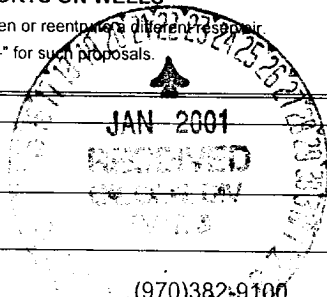


**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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



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

5. Lease Designation and Serial No.
Jic 451

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 451-3 No. 4

9. Well API No.
30-039-26012

10. Field and Pool, or Exploratory Area
Cabresto Canyon, Tertiary

11. County or Parish, State
Rio Arriba, County

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1667' FSL and 825' FEL (NE SE) Unit I
Sec. 3, T29N-R03W

12. CHECK APPROPRIATE BOX(S) 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"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other:
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

The Jicarilla 451-3 No. 4 was completed in the Ojo Alamo and San Jose Formations (i.e. Cabresto Canyon, Tertiary Pool). The Ojo Alamo was not productive and the well was plugged back to allow production of the San Jose Formation only. A balanced cement plug was placed over the Pictured Cliffs interval from 3625'-3777' KB using 15 sxs of Type III cement. A cement retainer was set at 3120' KB and the Ojo Alamo perms were squeezed with 55 sxs Type III cement, leaving 40' of cement on top of the cement retainer (PBTD @ 3080' KB). See attached wellbore diagram.

RECEIVED
JAN 18 2001
DISTRICT PETROLEUM ENGINEER

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

Signed John Zellitti
John Zellitti

Title District Petroleum Engineer

Date 12/28/00

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved B [Signature]

Title

Lands and Mineral Resources

Date 01-18-01

Conditions of approval, if any

Jicarilla 451-3 #4

NE SE Sec.3, T29N, R3W
1,667' FSL & 825' FEL
East Blanco Field / Unit-I
Rio Arriba County, NM

Elev. GL @ 7,179'.
Elev. KB @ 7,191' (12' KB).

Mallon Oil Company

API #30-039-26012

12/27/00

JZ

Wellbore Diagram**Surface Casing**

8 5/8", 24#, K-55, ST&C, set @ 212' KB.
Cmt w/ 130 sx Type -3, 2% CaCl₂, 1/4 lb /sx
Celloflake, circ 36 sx to pit.

Production Casing

5 1/2", 15.5#, K-55, LT&C, set @ 3,968' KB.
Cmt w/ 950 sx 50/50 POZ, 6 1/4 lbs Gilsonite,
2% Gel, 3% KCl, .02% CD-32, .03% FL-25,
circ 95 sx to pit.

Cmt Retainer @ 3,120' KB w/ 40' of cmt
@ 3,080' KB.
Squeezed OA perfs w/ 55 sx Type-III cmt.
PC Cmt Plug @ 3,625' -3,777' KB w/
15 sx Type-III cmt.

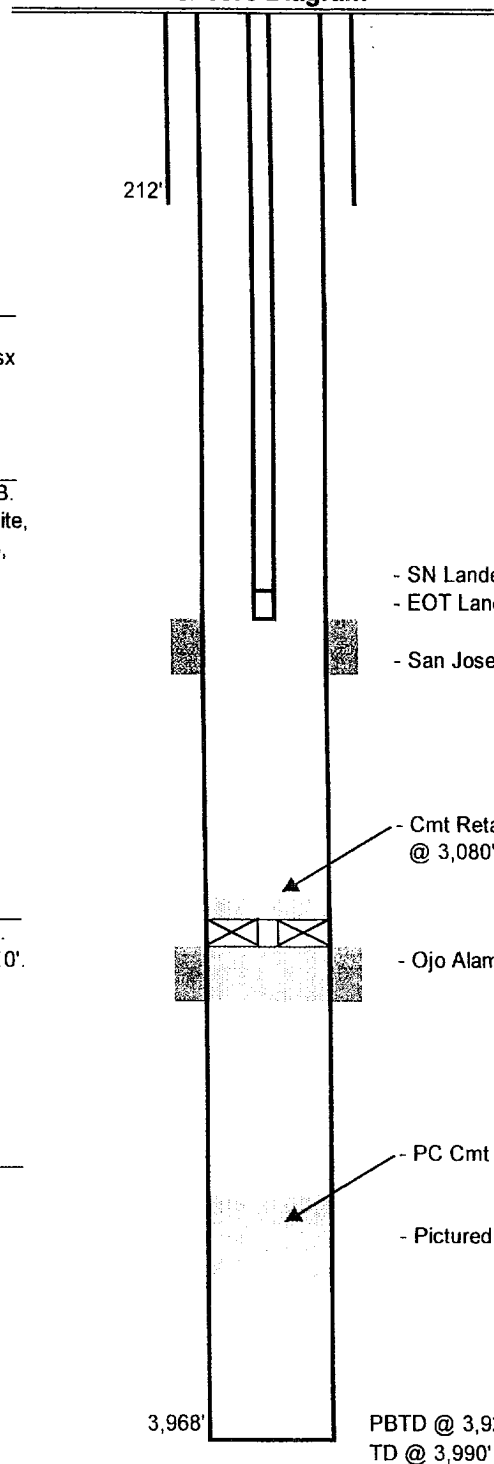
Tubing

1.9", 2.76#, J-55, IJ tbg (37 jnts @ 1,207').
1.9" IJ Seating Nipple (ID @ 1.375") @ 1.10'.
1.9", 2.76#, J-55, IJ tbg (1 jnt @ 32.15').
SN Landed @ 1,220' KB.
EOT Landed @ 1,252' KB.

Perforations

San Jose:
1,254' - 1,264' (10', 2 spf, 20 holes).
1,286' - 1,299' (13', 2 spf, 26 holes).

Ojo Alamo:
3,246' - 3,276' (30', 4 spf, 120 holes).
P&A OA perfs on 12/21/00.



Ojo Alamo:
3,246' - 3,276'

BD w/ 2,500 gals 7 1/2% HCl, 11 bpm @ 3,200 psig, ISIP @ 1,150 psig.
Frac dn tbg w/ 141,000 lbs 20/40 mesh sd, 1,024 bbls gel, & 2,287.5 mscf N₂,
1 - 4 ppg, 35 bpm @ 5,000 psig, ISIP @ 1,700 psig.
Flow Test on 3/8" choke, FTP @ 40 psig, 170 mscfd, 144 bwpd.

San Jose:
1,254' - 1,299'

BD w/ 1,700 gals 7 1/2% HCl, 8.4 bpm @ 1,000 psig, ISIP @ 450 psig.
Frac dn tbg w/ 38,100 lbs 12/20 mesh sd & 3,000 lbs 8/14 Flex sd, 218 bbls wtr,
& 143 mscf N₂, 2 - 4 ppg, 23 bpm @ 1,450 psig, ISIP @ 656 psig.
Flow Test on 3/8" choke, FTP @ 63 psig, 240 mscfd, 3 bwpd.