

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

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.

5. Lease Serial No.

MDA 701-98-0013 JIC 4100

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

7. If Unit or CA/Agreement, Name and/or No.

22861

8. Well Name and No.

Jicarilla 460-15 No. 4

9. API Well No.

30-039-25904

10. Field and Pool, or Exploratory Area

Cabresto Canyon, Tertiary

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mallon Oil Co., an indirect wholly-owned subsidiary of Black Hills E & P

3a. Address

350 Indiana St., Suite 400, Golden, CO 80401

3b. Phone No. (include area code)

720-210-1308

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

180' FSL & 330' FEL (SESE) Unit P

Sec. 15, T30N-R03W

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Other Cement Squeeze
	<input type="checkbox"/> Change Plans	<input 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	

3. 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.)

Mallon Oil Company, an indirect wholly-owned subsidiary of Black Hills Exploration & Production cement squeezed the San Jose formation of the above referenced well on 3/26/2004 as follows:

RIG UP HALLIBURTON. PRESSURE TEST PUMP AND LINE TO 2,500 PSI AND ESTABLISH RATE OF 3 BPM AT 300 PSI. MIX AND PUMP 150 SK CLASS H AT 15.8 PPG WITH 0.4% HALAD 344, 2% CaCL₂ 1.15 CUFT/SK YIELD 3.0-2.0 BBL/MIN AT MAX PRESSURE 1,400 PSI. DISPLACED TO 1.5 BBL BELOW THE PACKER (APPROX. 63' BELOW THE PACKER). HESITATED 45 MIN. THEN PRESSURED UP TO 2350 PSI. PRESSURE BROKE BACK. SHUT DOWN. HESITATED 25 MIN. THEN PRESSURED UP TO 2100 PSI. PRESSURE HELD GOOD. SHUT IN WELL. RIG DOWN HALLIBURTON.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Allison Newcomb

Title Engineering Technician

Signature

Allison Newcomb

Date 8/12/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

/s/ David R. Sitzler

Name

(Printed/Typed)

Division of Multi-Resources

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

Date

SEP 27 2004

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.

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