

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.

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)

1768' FSL & 437' FWL (NWSW) Unit L

Sec. 29, T29N-R02W

5. Lease Serial No.

MDA 701-98-0013

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

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

N/A

8. Well Name and No.

Jicarilla 29-02-29 No. 1

9. API Well No.

30-039-26115

10. Field and Pool, or Exploratory Area

La Jara Canyon, Tertiary

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Cement Squeeze

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 Nacimient formation of the above referenced well on 1/15/2004 as follows:

MIRU Triple P rig #3 on the Jicarilla 29-02-29 No. 1. Held pre-job safety meeting. SITP 300 psi. SICP 530 psi. Bled down pressures. TOH with tubing. MU Weatherford cement retainer. TIH. Set retainer at 2,555' KB. Load hole with 2% KCL water. Wait on Halliburton (very muddy road conditions). MIRU Halliburton Energy Services. Held PJSM. Pressure tested line to 3,500 psi. Establish circulation. Stab into cement retainer. Establish injection rate of 120 psi. at 3 bpm. Mix and pump 100 sx. of 13.3 ppg., 50/50 POZ. (1.32 yield) cement with additives at 3 bpm. Pressure was up to 3,100 psi. at the start of displacement. Pressure increased to 3,500 psi. with 1.5 bbls. of displacement pumped. Shut down and observe pressure. Pressure was still at 3,000 psi. after 30 min. Sting out of retainer. Lay down 1 jt. of tubing. Reverse out 13 bbls. of excess cement. RD Halliburton TOH. Secure well and SDFN.

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

Name (Printed/Typed)

Allison Newcomb

Title Engineering Technician

Signature

Allison Newcomb

Date 4/20/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

/s/ David R. Sitzler

Name

(Printed/Typed)

Division of Multi-Resources

Office

Date

APR 27 2004

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.

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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