

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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 deepen or 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

MERRION OIL &amp; GAS CORPORATION

## 3a. Address

610 Reilly Ave., Farmington, NM 87401

## 3b. Phone No. (include area code)

(505) 327-9801

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

1850' FSL &amp; 1555' FEL

Section 29, T25N, R9W

## 5. Lease Serial No.

SF-078309 078309

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

FEDERAL 29 No. 1E

## 9. API Well No.

30-045-26999

## 10. Field and Pool, or Exploratory Area

White Wash Mancos-Dakota

## 11. County or Parish, State

SAN JUAN COUNTY, NM

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing repair☐ New Construction☐ Recomplete☒ Other☒ Subsequent Report☐ Change Plans☐ Plug and Abandon☐ Temporarily AbandonMancos  
Add Gas formation  
& Install pumping unit☐ Final Abandonment Notice☐ Convert to Injection☐ Plug Back☐ 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 shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final insection.)

9/17/03 MIRU Professional Well Service Rig No. 3 on 9/17/03. Spot pump and pit. Fill pit with 2% KCl. Spot flowback tank. Open casing and send gas down sales line overnight. Secure location & SDON. Note: Had 10 jts of 2-3/8" tubing hauled to location from M&R yard.

9/18/03 Finish rigging up. Catch piston. Bleed pressure off well. ND WH and NU BOP. Unseat and lay down donut. PU additional tubing, TIH, tag fill at 6414' KB (~ 59' of fill). TOH with 202 joints of 2-3/8" tubing with seating nipple on bottom. PU 4-1/2" casing scraper and TIH to 5800'. TOH, lay down casing scraper. SWI.

\*\*CONTINUED OTHER SIDE\*\*

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

Steven S. Dunn

Title Drilling and Production Manager

Signature

Date October 7, 2003

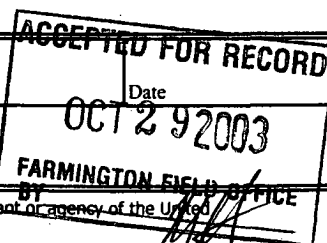
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the application holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office



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.

(Instructions on reverse)

NMOCD

- 9/19/03** RU Black Warrior Wireline Company. RIH with GR/CCL, log from 6407' - 5310', 5162' - 3498' and 3449' - 1850'. Correlated log to Den/Neutron open hole logs ran 10/3/88. RIH set RBP at 5774' KB. Dump sand on top of RBP. TIH to 5660' and load hole with produced water. Pressure-test casing, wellhead and BOP (pipe rams) to 1500 psi with rig pump - held OK. RUTS. Replaced casing ball valves with 5K master valves. Swabbed well down with 10 runs. TOH, RU BWWC, RIH with 3-1/8" casing gun and perforate the Gallup 1 spf at the following depths: 5348', 52', 60', 64', 68', 72', 76', 80', 5402', 56', 58', 5502', 04', 06', 18', 36', 38', 42', 66', 5602' & 5624' - Total of 21 holes (EHD: 0.32"). RD BWWC. Shut well and SD until Monday.
- 9/22/03** PU 4-1/2" packer and TIH set packer at 5120' KB. RU American Energy Services. Load hole with 2% KCl. Establish a rate of 2.3 bpm at 2800 psi. Pump 300 gal of 15% HCl acid with scale inhibitor, clay stabilizer and surfactant. Drop 32 each 1.3 SG ball sealers with acid. Pump acid away at 3-4 BPM, good ball action and complete ball off to 3000 psi. SD pumps and pressure fell down to 1000 psi. Brought pump back on line and got partial ball off to 2400 psi. Shut down. ISIP 1150 psi. Bleed pressure off tubing. RD AES. Release packer and TOH. RU BWWC and RIH with junk basket recovered 20 balls with 5 hits. SWI, secure location and SDON.
- 9/23/03** Spot air package and RU lines. Spot well head isolation tool. Will install in the morning before the frac job. Spot 2 tanks and fill with 2% KCl water. Frac scheduled for tomorrow 9/24/03. SDON.
- 9/24/03** Install isolation tool. Had trouble with hydraulic lines. Had to repair before isolation tool was operational. RU AES frac crew. Held safety meeting, pressure test pumps and lines to 6000#. Pumped 4494 gal 20#, 70Q foam pad. Frac well with 100,000# of 20/40 Brady sand in 20#, x-linked 70Q foam. Pumped sand in 1, 2, 3 & 4 ppg (BH concentration) stages. AIR: 39.2 BPM, MIR: 40 BPM, ATP: 3375#, MTP: 3500#. Job complete @ 13:20 hrs 9/24/03. ISIP: 2510#, 5 min: 1740#, 10 min: 1704#, 15 min: 1695#. Total fluid pumped 417 bbls. Total nitrogen pumped 716,838 scf. RD AES. Remove wellhead isolation tool. Opened well thru 1/4" choke to flow back tank at 1530 hrs 9/24/03. Well was flowing sand/foam at 1700 psi. After 1.5 hrs pressure had increased to 1750 psi and well started making heavy sand. Cut out choke nipple. SWI and replaced choke with 1/8" choke nipple. Open well back up, pressure had increased to 1790 psi. Still making sand and ~25 bbls/hr of water. Call for flowback crew. Turn well over to WSI flowback crew at 20:00 hrs.
- 9/25/03** Night watch flowed through 1/8" then 1/4" choke throughout night. At 0800 hrs well still flowing 380 psi through 1/4" choke, making light sand and light fluid. Let well continue to flow back until 13:00 hrs. Opened well through 2" to flow back tank. Still flowing at 10 psi after ~30 min. TIH with overshot and 2-3/8" tubing. Tag up on sand/fill at 5668'. Pull up to ~5300'. SWI, secure location and SDON.
- 9/26/03** Found well with 700 psi, TIH to 5600'. Break circulation with 1100 scfm of air, 6 BWPH and 1/2 gal of soap per hr. Tag fill at 5660' (had additional 6' of fill overnight). CO sand down to RBP. Well making heavy to medium sand. Blow well from RBP until well finally cleaned up. Latch onto RBP and let well equalize. Release RBP and TOH. Lay down RBP. SWI, secure location and SDON.
- 9/27/03** TIH with 2-3/8" tubing with notched collar on bottom. Tag up on sand/fill at 6414'. Break circulation with air (1100 scfm, 6 BWPH and 1/2 gal of soap). CO sand down to PBD @ 6473'. Pump soap sweeps to clean out well. Blew well from PBD for 1-1/2 hr. Cut air and pull up to ~5300'. SWI, secure location. SD for weekend.
- 9/29/03** TIH, CO out 15' of fill with the air package. Ran two 3 bbl soap sweeps. TOH and removed the notched collar. TIH with a 20 cut-off tail joint, 4' perforated sub, 1.1' seating nipple, and 203 joints (6381.41') of used 2-3/8", 4.7#, J-55, EUE tubing and a 4' and 8' tubing subs and landed at 6431.57' KB. The seating nipple is at 6406' KB. ND BOP and NU the tubing head. PU rod tools. The pump and rods did not arrive on location until 6 PM. SI well and SDON.
- Set and started Lufkin 114 pumping unit with pipe skid and Arrow C-66 engine. Pumping Unit Serial #469489, left running 6 SPM.