

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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
MERRION OIL & GAS CORPORATION

3a. Address
610 REILLY AVENUE, FARMINGTON, NM 87401

3b. Phone No. (include area code)
505-324-5300

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

2352' FNL & 673' FEL
SECTION 19, T26N, R2W

5. Lease Serial No.
NM-04764A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
FEATHERSTONE FEDERAL 2

9. API Well No.
30-039-29235

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE

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			
<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 fresh
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	water zone behind
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	pipe

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 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.)

6/08/05 Found FTP 220 psi, FCP 480 psi. Blew down casing. Pumped 4 bbls 2% KCl water down tbg. Pressured up to 500 psi. ND WH. NU BOP. Killed casing w/20 bbls 2% KCl. Prep to pull tubing. Tagged fill @ 6103'. POOH 2 stds, heavy paraffin inside tubing. WO hot oiler. RIH 2 stds. Pumped 2 bbls hot water down tbg. Pressured to 4000 psi. Pumped 30 bbls hot 2% KCl water down backside. Pumped 25 bbls hot 2% KCl water down tubing @ 0 to 4000 psi. RD hot oiler. TOOH w/188 joints 2-3/8" tbg, seating nipple & 1 joint 2-3/8" tbg. RU BWWC. RIH set CIBP @ 5000'. Filled casing w/95 bbls fresh water. RIH to perforate squeeze holes @ 1850'. Trouble w/perforating truck, POOH w/gun. SDON.

6/09/05 RU BWWC. RIH shot 4 holes @ 1850'. POOH. RD BWWC. PU 7" cement retainer and TIH with 29 stands tubing, set retainer @ 1835'. Attempted to pump into perfs @ 500 psi, 1000 psi and 1500 psi - hole would not take any water. Filled casing and tested to 1500 psi - held OK. Filled bradenhead and attempted to pump into bradenhead @ 500 psi. Built pressure with no rate and bled off rapidly. Alternated trying to pump into perfs and bradenhead three times without results. WOO. TOOH w/tubing. RU BWWC. RIH, shot 4 holes @ 1710'. RD BWWC. WITH O packer TIH with RCP on 2-3/8" tubing, set packer @ 1527'. RU Key Pressure Pumping Service. Attempted to establish rate @ 1000 psi, would not break down, and increased pressure to 1500 psi. Formation broke down @ 1500 psi. Pumped into formation @ 1 BPM @ 1000 psi. KPPS mixed & pumped 50 sxs (10.5 bbls) neat cement containing 2%CaCl @ 2 BPM, 800 psi, displaced to bottom of packer w/8 bbls water @ 2.5 BPM, 1100 psi. SD. Pumped 2 bbls displacement @ 1 BPM, 1500 psi & SD w/1500 psi on tubing. Estimate 7.5 bbls cement in formation. RD KPPS. SDON.

CONTINUED OTHER SIDE

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) CONNIE S. DINNING	Title ENGINEER
Signature 	Date 06/30/2005
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 applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title Date JUL 05 2005 FARMINGTON FIELD OFFICE BY 
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 page 2)

NMOC

6/10/05 SITP 0 psi, SICP 200 psi. Released RCP and TOOH. LD RCP. PU 6-1/4" bit, BS, six 3-1/8" DCs and X-O. TIH with 46 jts 2-3/8" tbg to TOC @ 1603'. PU power swivel. Drilled out cement to 1712'. Tested squeeze. Broke down @ 1300 psi. Established rate of 3/4 BPM @ 1000 psi. RD power swivel and TOOH. TIH with 27 stds 2-3/8" opened ended tubing to 1705'. RU Key Pressure Pumping Service. KPPS mixed and pumped 50 sxs (10.5 bbls) neat Class B cement containing 2% CaCl @ 3 BPM, 150 psi displaced with 5.5 bbls water @ 3 BPM, 100 psi. SD. TOOH 6 stds. Squeezed holes to 1000 psi. Bled off to 500 psi. Waited 20 mins and pressured hole. Bled off slowly. Squeezed holes to 1000 psi, bled off slowly. Squeezed holes to 1000 psi, bled off slowly. Pressured hole to 1500 psi and SD. RD KPPS. Secured well and SD for weekend.

6/13/05 SIP 0 psi. TOH with 21 stands 2-3/8" tubing, start in hole with 6-1/4" bit, bit sub and six 3 x 1/8" drill collars. Safety clamp broke due to hairline fracture in body. WO replacement. TIH with bit, bit sub and drill collars with 41 joints 2-3/8" tubing. Tagged top of cement @ 1476', PU power swivel and drilled out cement to 1602' (cement very hard). Circulated hole clean, POH 1 stand. Secured well and SIFN.

6/14/05 RIH 1 stand, continued drilling out cement. Drilled out hard cement from 1602' to 1712'. Circulated hole clean, tested squeeze to 1000 psi for 15 min - no leak off. LD power swivel. LD 4 joints tubing. PU power swivel. CO stringers below squeeze holes and above retainer to 1830' (retainer @ 1835'), circulated hole clean. TOOH 2 stands. SD to replace belt. Secured well and SIFN.

6/15/05 TOOH with tubing to check bit and change out stripping head. TIH. PU power swivel and finished cleaning out to cement retainer @ 1835'. Drilled on retainer, made 8" in 4 hrs. Circulated hole clean. TOOH with tubing, drill collars and bit. Secured well and SIFN.

6/16/05 PU 6-1/4" mill and TIH w/ six 3-1/8" DCs and 5 stds 2-3/8" tbg. Hydraulic pump went out. W/O parts and repair 6.5 hrs. Finished TIH to cement retainer @ 1835'. PU power swivel. Drilled on retainer and pushed to 1875'. Circulated hole clean. Secured well and SIFN.

6/17/05 Chased junk to liner top, milled on remains of retainer lodged in top of liner (made ~4"). TOH with tubing, drill collars and 6-1/4" mill, LD 6-1/4" mill. PU 3-7/8" mill, TIH with 6 x 3-1/8" drill collars and 114 joints tubing to liner top. Attempted to work into liner - would not go. PU power swivel, milled on retainer (made another 2"), recovered rubber from sealing element. Circulated hole clean and pulled 1 stand. Secured well and SDFN.

6/18/05 Worked on pump, continued milling on remains of retainer lodged in top of liner (made about 5"). Retainer appears to be spinning on liner top, still having trouble with rig hydraulic system overheating. LD power swivel, TOH with tubing, drill collars and 3-7/8" mill. TIH with 121 joints open ended 2-3/8" tubing and set on top of junk. RU Key Pressure Pumping Services. Mixed and pumped 25 sxs (5.2 bbls slurry) neat cement containing 1% CaCl, displaced with 14 bbls water to equalize plug. RD KPPS. TOH with tubing. Secured well and SD for weekend.

6/20/05 PU 6-1/4" mill, TIH with 6 x 3-1/8" drill collars and 113 joints of 2-3/8" tubing. Tagged top of cement @ 3705'. PU power swivel, could not circulate - rig pit full of cement. SD to wait for pit to be dug and rig pit cleaned.

6/21/05 Dug and fenced pit. Drained rig pit and cleaned. Drilled out very hard cement from 3676' (corrected cement top) to 3771', circulated hole clean. Secured well and SDFN.

6/22/05 Continued drilling out very hard cement from 3771' to top of retainer @ 3792'. Milled on retainer, did not make any hole. Plugged mill, unplugged mill and circulated hole clean. LD power swivel. TOOH with tubing, drill collars and 6-1/4" mill. LD 6-1/4" mill, PU 3-7/8" mill and TIH with mill, 6 x 3-1/8" drill collars and 114 joints of 2-3/8" tubing. Milled on retainer, gained ~3' continued milling, remains of retainer fell free. RIH to 3803', circulated hole clean. Prep to unload hole with air. Secured well and SDFN.

6/23/05 Started air units, SD to repair leak. Unloaded hole @ 3740' (Sent air hand home - very ill, waited on substitute). TIH with 153 joints tubing. Tagged bottom @ 4964' (CIBP @ 5000'), unloaded hole with air, started mist. Well started making oil and gas along with some metal, CIBP appears to be leaking. SD air. Waiting on flowback tank. Secured well and SDFN.

6/24/05 Move in, spotted and rigged up flowback tank. Started air. No fluid in hole. Repaired mist pump and started mist. H 153 jts tbg. Tagged bottom @ 4964' (CIBP @ 5000'). Unloaded hole with air. Started mist. Well started making small amount of oil. Milled on remains of retainer @ 4977', running periodic foam sweeps. Well started flowing high gas rate - CIBP apparently ~20' high. Blew down casing. LD power swivel. Chased CIBP to 5374'. PU to start air - BHA dragging. POOH into 7" casing @ 3646'. Secured well and SDFN. Left well flowing to sales.

6/25/05 FCP 340 psi. Killed well with 25 bbls 2% KCl water. Ran back in hole. PU power swivel. Milled CIBP w/ air and chased to bottom. Milled on junk on bottom. Could not get below 6104'. LD power swivel. TOOH 77 jts into 7" casing. Secured well and SDFWE. Left well flowing to sales.

6/26/05 FCP 140 psi. Killed well with 25 bbls 2% KCl water. Finished TOOH with tbg, DCs and mill. LD DCs. Prep to run production string. TIH w/ 1 jt open ended 2-3/8", perf sub, seating nipple and 191 jts 2-3/8" tbg. Landed tbg @ 6050' with SN @ 6013'. ND BOP. Prep to run pump and rods. B-1 adapter supplied by WSI had bad pin. Waited on replacement. Secured well and left well flowing to sales. RDMOL.