

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

PN

Form C-103  
May 27, 2004

WELL API NO. <b>30-045-23127</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>BARTLESVILLE</b>
8. Well Number <b>001</b>
9. OGRID Number <b>014634</b>
10. Pool name or Wildcat <b>WAW FRUITLAND SAND PC</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

**MERRION OIL & GAS CORPORATION**

3. Address of Operator

**610 REILLY AVENUE, FARMINGTON, NM 87401**

4. Well Location

Unit Letter **C** ; **790** feet from the **NORTH** line and **1850** feet from the **WEST** line  
Section **02** Township **26N** Range **13W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

**6046' GR**

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☒  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ATTACHED IS THE PLUGGING & ABANDONMENT DETAIL FOR THE ABOVE REFERENCED WELL.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE Drilling & Production Manager DATE 9/23/05

Type or print name

E-mail address:

Telephone No.

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3

DATE 4-24-07

Conditions of Approval (if any):

# **A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \* fax: 505-325-1211

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Merrion Oil & Gas  
**Bartlesville #1**

July 26, 2005

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790' FNL & 1850' FWL, Section 2, T-26-N, R-13-W  
San Juan County, NM  
State Lease E-9707  
API #30-045-23127

## **Plug & Abandonment Report**

### **Summary:**

Notified NMOCD on 7/21/05

7/22/05 MOL and RU equipment. Well pressures: 0# casing, 0# tubing and 0# bradenhead. NU cementing valve and connect pump line to well. Pump 25 bbls water down casing 3 bpm at 0#. Drop 10 - 7/8" RCN balls and pump additional 18 bbls of water 3 bpm at 0#. No flow or blow out bradenhead – no indication of a casing leak.

**Plug #1** with 40 sxs Type III cement (53 cf): 1<sup>st</sup> pump 10 sxs cement and stop mixing; 2<sup>nd</sup> drop 5 - 7/8" RCN balls down the 2.875" casing; 3<sup>rd</sup> continue mixing and pumping the remaining 30 sxs, displace to 100' with water; fill the Pictured Cliffs perforations and cover the Fruitland and Kirtland tops.

Shut in well and WOC. TIH and tag cement at 357', below the Kirtland top at 165'. Pressure test casing to 500# for 10 minutes, held OK.

H. Villanueva, NMOCD, approved procedure change to perforate at 215' (50' below the Kirtland top).

Perforate 2 squeeze holds at 215'. Attempt to establish rate into squeeze holes, pressured up to 1000#.

H. Villanueva, NMOCD, approved procedure change.

Perforate 2 squeeze holes at 82'.

Establish rate into squeeze holes 1.5 bpm at 400#; ran out of water prior to circulation. Shut in well.

7/25/05 MOL with coiled poly tubing reel. Attempt to establish circulation out bradenhead; pump 18 bbls of water 2 bpm at 400# - no circulation to surface. Connect pump line to the bradenhead valve and pump down into the bradenhead. After a ¼ bbl BH annulus pressured up to 500#. RIH with 1-1/4" poly pipe to 270'.

**Plug #2** with 39 sxs Type III cement (27 cf): 1<sup>st</sup> spot 20 sxs cement inside the casing from 270' to surface; 2<sup>nd</sup> POH with poly pipe; 3<sup>rd</sup> connect pump line to the casing valve; and 4<sup>th</sup> bullhead 19 sxs Type III cement (25 cf) with 2% CaCl<sub>2</sub> down 2.875" casing, final squeeze pressure 1000#.

Shut in well. WOC. Cut off wellhead. Found cement at surface in 2.875" casing and down 1' in annulus. Mix 15 sxs Type III cement and install P&A marker. RD and MOL.

H. Villanueva, NMOCD, on location 7/25/05.