

Submit 3 Copies To Appropriate District Office
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

Form C-103
May 27, 2004

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

WELL API NO. 30-045-31763
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 Bartlesville
8. Well Number 1R
9. OGRID Number 014634
10. Pool name or Wildcat WAW Fruitland Sand Picture Cliffs

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

3. Address of Operator

610 Reilly Ave, Farmington, NM 87401

4. Well Location

Unit Letter D : 785 feet from the north line and 685 feet from the west line
Section 2 Township 26N Range 13W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6054' 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.

Merrion Oil & Gas proposes to plug and abandon the subject wellbore according to the attached procedure.

RCVD JAN 25 '08

OIL CONS. DIV.

DIST. 3

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tyson Foutz TITLE Petroleum Engineer DATE 1/21/08

Type or print name Tyson Foutz E-mail address: tfoutz@merrion.bz Telephone No. 505.324.5324
For State Use Only

APPROVED BY: Henry Villanueva TITLE Deputy Oil & Gas Inspector,
District #3 DATE 1/30/08

Conditions of Approval (if any):

Give OCD 24 Hr Notice to witness

B

Well Information			
Well	Bartlesville #1R	Zone	Pictured Cliffs
Date	18 January 2008	Elevations	6054'GL, 6059' KB
AFE	N/A	Engineer	Tyson Foutz (505.320.6275)
Date	21 January 2008	API #	30-045-31763
Casing	4 1/2" LT&C, 11.6#, J-55 Burst = 4280 psi (80%)	Depth	TD = 1410' KB PBSD = 1365' KB
Perforations			
Pictured Cliffs	1244'-1260' KB, 3spf (48 holes)		

Pull Completion

1. Conduct safety meeting.
2. Ensure Pumping unit is locked out.
3. Remove horses head and bridle.
4. POOH w/ rods and pump.
5. N/D pumping tee and install BOP dressed w/ 2 3/8" pipe rams and blind rams.
6. POOH w/ tubing laying down.

Pull Completion

1. MIRU Pumping services.
2. Load hole with produced water and establish stable injection rate.
3. Displace wellbore w/ 110 sacks type 5 cement. Run 0.25 #/sk celloflake in first 15 sacks.
4. WOC.
5. After cement has set. RIH if needed and tag TOC. Refill casing with cement if necessary.

Reclaim Location and Access roads (as applicable) per NMOCD requirements

1. Remove all surface equipment, buried flowlines, and anchors.
2. Rip compacted dirt a minimum of 12" and reseed.
3. Install dry hole marker.



Bartlesville No. 1R

Proposed Abandonment

Elevation: 6054' GL
6059' RKB

Prepared by: Connie S Dinning
Updated by: Tyson Foutz (1/18/08)

Top of Cnt @ Surface

Surface Bit Size - 8 3/4"

Kirtland - 75'

7", 23# Surface @ 127' KB w / 60 sx (71 cf) Class B
w / 3% CaCl₂ & 1/4# / sx celloflake, circ to surface

Cretaceous

Fruitland - 808'

Bit Size 6-1/4"

100 sacks Type 5 cement

Frutland Coal - 1210'

Pictured Cliffs=1240'

Pictured Cliffs Perforations: 1244' - 1260', 3 spf, total 48 holes
Frac w/ 57640# 20/40 Brady and 3000# Flex Sand in 20# x-link Borate
gel in 70Q foam.

4 1/2", 11 6# Production Csg @ 1405' w/ 130 sx (268 cuft) Class B w/ 2% SMS, 3# /sx Gilsonite & 1/4# /sx celloflake, tail in w/ 60sx (71cf) Class B w/ 1/4# /sx celloflake

PBTD @ 1365' KB

TD @ 1410' KB