

to Appropriate District Office  
1-Crystal  
1-Acctg  
1-Well File  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department

Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.  
30-039-22168

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

**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 87404-2634

4. Well Location  
Unit Letter B : 1140 Feet From The north Line and 1600 Feet From The east Line  
Section 27 Township 24N Range 2W NMFM Rio Arriba County

10. Elevation (Show whether LP, RKB, RT, GR, etc.)  
7277' GR

11. 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 ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. 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.

Merrion Oil & Gas Corporation proposes to amend the December 7, 1992 approved plugging procedure to the attached procedure.

This allows the surface landowner to utilize the upper wellbore for a water well.

**RECEIVED**  
DEC - 1 1995  
OIL CON. DIV.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Steven S. Dunn TITLE Operations Manager DATE 11/17/95  
TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Steve Burch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE DEC - 4 1995  
CONDITIONS OF APPROVAL, IF ANY:

## **PLUG & ABANDONMENT PROCEDURE**

**11-17-95  
Water Well**

**East . Lindrith #2**  
So. Blanco Pictured Cliffs  
NE Section 27, T-24-N, R-2-W  
Rio Arriba Co., New Mexico

**Note:** All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Merriam safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH and tally 1-1/2" tubing; visually inspect the tubing. If necessary, LD and PU 1-1/2" workstring. Pump 20 bbls water down 3-1/2" casing.
4. **Plug #1 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3272' - 2780'):**  
Perforate 4 holes at 2875' and 2830'. RIH with 1-1/2" tubing workstring open ended to 3272' or as deep as possible. Load casing with water and attempt to circulate well. Mix and pump 51 sxs Class B cement and spot cement to 1940'. Pull out of hole to 1500' and squeeze 35 sxs outside casing (7.8 bbls). Shut in well and WOC. RIH and tag cement, refill if necessary. Pressure test tubing to 1000#. POH with tubing.
5. **Plug #2 (Below Nacimiento top, 1540' - 1440'):** Run 3-1/2" gauge ring to 1500'. Perforate 4 squeeze holes at 1540'. If casing pressure tested, establish rate into squeeze holes and attempt to circulate to surface. RIH with 3-1/2" wireline set cement retainer; set at 1500'. Establish rate into squeeze holes. Mix and pump 19 sxs Class B cement, squeeze 13 sxs cement outside casing from and leave 6 sxs cement inside casing to cover Nacimiento top. Pressure test casing to 500#. POH and LD tubing.
6. Perforate zones for water well as directed. RD and move off location.

# East Lindrith #2

CURRENT

So. Blanco Pictured Cliffs

NE Section 27, T-24-N, R-2-W, Rio Arriba County, NM

## CASE "Water Well"

Today's Date: 11/17/55

Spud: 5/7/80

Completed: 6/30/80

9-3/4" hole

7", 24# csg set @ 97'

Cmt w/50 sx (Circulated to Surface)

Nacimiento @ 144'

### Cementing:

Primary: 150 sxs, only partial returns.  
CBL shows TOC at 3150';

Remedial: Squeeze holes at 3138';

Szd with 50 sxs, no test;

Szd with 50 sxs, no test;

Szd with 50 sxs, tested OK.

1-1/2" tubing @ 3160'

Ojo Alamo @ 283'

TOC @ Unknown (Calculates @ 2558'  
w/ 50 sxs and 75% efficiency)

Fruitland @ 2875'

Pictured Cliffs @ 3165'

Perforate squeeze holes at 3138'

TOC @ 3150' (CBL)

Pictured Cliffs Perforations:  
3171' - 3237'

PBTD 3272'

5-1/8" hole

TD 3300'

3-1/2", 9.2#, J-55, csg set @ 3287'  
Cmt w/150 sx

## East Lindrith #2

Proposed P & A  
So. Blanco Pictured Cliffs

NE Section 27, T-24-N, R-2-W, Rio Arriba County, NM

## CASE "Water Well"

Today's Date: 11/17/95

Spud: 5/7/80

Completed: 6/30/80

