

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-045-30420
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 Blackshawl Com
8. Well Number 1
9. OGRID Number 14634
10. Pool name or Wildcat Fulcher Kutz/PC
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5600

**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 Ave Farmington, NM 87401

4. Well Location  
 Unit Letter A : 493 feet from the North line and 743 feet from the East line  
 Section 36 Township 30N Range 13W NMPM County San Juan

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Merrion Oil & Gas Proposes to Plug & Abandon the above mentioned well. Please see the attached proposal and WBD.

Notify NMOCD 24 hrs  
 prior to beginning  
 operations

NMOCD

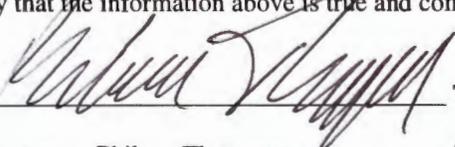
DEC 06 2018

DISTRICT III

Spud Date:

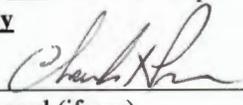
Rig Release Date:

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

SIGNATURE  TITLE Regulatory Compliance Specialist DATE 12/3/2018

Type or print name Philana Thompson E-mail address: pthompson@merrion.bz PHONE: 505-486-1171

**For State Use Only**

APPROVED BY:  TITLE District III Supervisor DATE 12-6-18

Conditions of Approval (if any):

## PLUG AND ABANDONMENT PROCEDURE

October 24, 2018

### Blackshawl Com #1

Fulcher-Kutz Pictured Cliffs

493' FNL, 743' FEL, Section 36, T30N, R13W, San Juan County, NM

API 30-045-30420 / Long: \_\_\_\_\_ / Lat: \_\_\_\_\_

1. **Note:** The procedure is revised based on approved P&A sundry. All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.
2. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
3. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
4. Rods: Yes  , No  , Unknown  .  
Tubing: Yes  , No  , Unknown  , Size 2-3/8" , Length 1706' .  
Packer: Yes  , No  , Unknown  , Type \_\_\_\_\_ .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
- 5a. **Plug #1 (Pictured Cliffs perforations and top, 1592' – 1492')**: Pressure test tubing to 1000#. If at end of work day Mix 25 sxs Class G cement and spot plug to fill PC perms and cover PC top. PUH and WOC. Tag cement; if necessary top off. Attempt to pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. PUH.
- 5b. If Plug #1 can be set during day time and spot additional plugs then round trip 4.5" gauge ring to 1592'. Set 4.5" CR @ 1592'. Spot 12 sxs cement above CR. PUH.
6. **Plug #2 (Fruitland top, 1100' – 1000')**: Mix and pump 12 sxs Class G cement and spot a balanced plug inside casing to cover the Fruitland top. PUH.
7. **Plug #3 (Kirtland and Ojo Alamo tops, 7" Surface casing shoe, 252' – Surface)**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 19 sxs cement and spot a balanced plug from 252' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 252' and the annulus from the squeeze holes to surface. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing flange. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

# Blackshawl Com #1 Current

Fulcher-Kutz Pictured Cliffs

493' FNL & 743' FEL, Section 36, T-30-N, R-13-W, San Juan County, NM

Long: \_\_\_\_\_ / Lat: \_\_\_\_\_ / API 30-045-30420

Today's Date: 10/24/18

Spud: 5/10/01

PC Comp: 6/21/01

Elevation: 5600' GI  
5606' KB

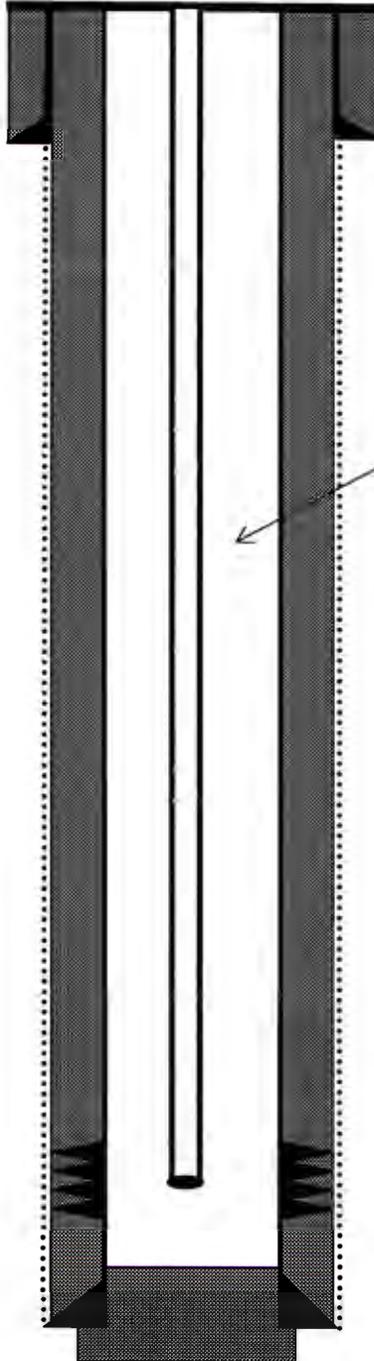
Ojo Alamo @ 60'

Kirtland @ 202'

Fruitland @ 1050'

Pictured Cliffs @ 1640'

6-1/4" Hole



Circulated cement to surface

7", 23# Casing set @ 127' KB  
Cement with 59 cf, circulated to surface

2-3/8" tubing at 1652' KB  
with rods and pump

Pictured Cliffs Perforations:  
1642' - 1656'

4.5" 10.5#, J-55 Casing @ 1797'  
Cement with 401 cf

1825' TD  
1760' PBD

# Blackshawl Com #1 Proposed P&A

Fulcher-Kutz Pictured Cliffs

493' FNL & 743' FEL, Section 36, T-30-N, R-13-W, San Juan County, NM

Long: \_\_\_\_\_ / Lat: \_\_\_\_\_ / API 30-045-30420

Today's Date: 10/24/18

Spud: 5/10/01

PC Comp: 6/21/01

Elevation: 5600' GI  
5606' KB

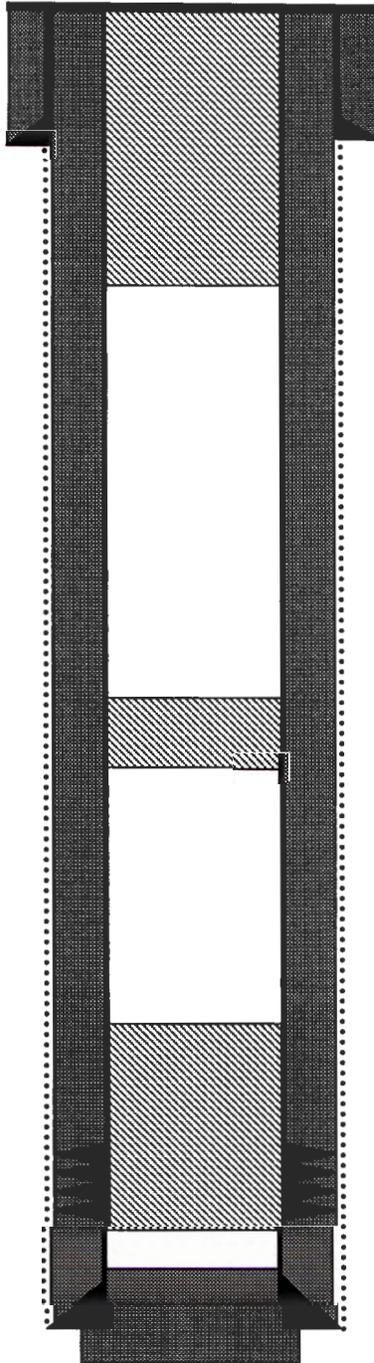
Ojo Alamo @ 60'

Kirtland @ 202'

Fruitland @ 1050'

Pictured Cliffs @ 1640'

6-1/4" Hole



Circulated cement to surface

7", 23# Casing set @ 127' KB  
Cement with 59 cf, circulated to surface

**Plug #3: 252' - 0'**  
Class G cement, 19 sxs

**Plug #2: 1100' - 1000'**  
Class G cement, 12 sxs

**Plug #1: 1700' - 1590'**  
Class G cement, 25 sxs

Pictured Cliffs Perforations:  
1642' - 1656'

4.5" 11.5#, J-55 Casing @ 1797'  
Cement with 40' cf

1825' TD  
1760' PBTD