

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.  
30-045-30085

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

CHUCKY

8. Well No. 1

9. Pool name or Wildcat  
Fruitland Coal

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 ☐

SWD

2. Name of Operator

Merrion Oil & Gas

3. Address of Operator

610 Reilly Ave, Farmington, NM 87401

4. Well Location

Unit Letter A : 1065 feet from the north line and 1260 feet from the east line

Section

23

Township 30N

Range 12W

NMPM

San Juan

County

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

5510' 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 ☐ MULTIPLE COMPLETION ☒

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Merrion Oil & Gas proposes to complete the subject well in the Fruitland Coal formation as per the attached procedure. The commingling of the Fruitland Coal and the Pictured Cliffs was approved by Administrative Order DHC-2985.

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

SIGNATURE

TITLE Production Engineer

DATE 5/13/02

Type or print name

Connie S. Dinning

Telephone No. 327-9801

(This space for State use)

APPROVED BY

TITLE

DATE MAY 15 2002

Conditions of approval, if any:

# Merrion Oil & Gas Corporation

## Completion Procedure Fruitland Coal Formation

May 13, 2002

<b>Well:</b>	<b>Chucky No. 1</b>	<b>Field:</b>	Basin Fruitland
<b>Location:</b>	1030' fnl & 1185' fel (ne ne) Sec 23, T30N, R12W, NMPM San Juan County, New Mexico	<b>Elevation:</b>	5510' RKB 5515' GL
<b>By:</b>	Connie Dinning	<b>Lease:</b>	FEE
		<b>AFE No.:</b>	<b>20201</b>

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**Procedure:** (Note: This procedure will be adjusted on site based upon actual conditions)

### ***Pull Tubing & Isolate Pictured Cliffs***

1. ND WH, NU BOP's. Tag up on fill, pull 2 3/8" production tubing, 56 jts landed @ 1774' KB.
2. MIRU wireline truck. RIH w/ RBP and set at  $\pm 1759'$  KB per correlation log dated 10/5/00. (Note: RBP setting is critical, PC perfs are 1764' – 1789', RBP length is 3', make sure RBP is above PC perfs)
3. Install frac valve on top of 4-1/2" casing. Load hole w/ 2% KCL water and pressure test RBP to 3500 psi.

### ***Perforate Fruitland Coal***

1. RIH w/ dump bailer and spot 30 gal. 7 1/2% HCl from 1705' – 1750'.
2. Perforate Fruitland Coal with 3-1/8" casing gun, shot density at 3 jspf per Chucky No. 1 gamma ray correlation log dated 10/5/00 as follows:

1730 - 1750 ft      20 ft      60 holes      0.34" diameter

### ***Fracture Stimulation***

1. Order in frac/test tank(s) w/ riser, working external gage & two good 4" valves. Fill w/ 2% Kcl city water (refer to fracture stimulation design for required useable volume).
2. RU Frac crew. Fracture stimulate the Fruitland Coal formation with 20# cross linked gel, low residue frac fluid and 60,000 lbs of 20/40 mesh sand (detail design to be provided). **NOTE: Do not pump in and shut down. When pumping begins, stay on it until the job is complete. Do not exceed 3500 psi.**
3. Shut well in. RU flowback manifold to test tank. Open well as soon as possible. Blow back on 1/4" positive flow choke. Flow well to clean up.

### ***Install Production Tubing***

1. Move in, rig up completion unit. Rig down frac valve. Reinstall tubing head, nipple up BOPs.

2. Pick up and tally sawtooth collar, seating nipple (1 joint off bottom), and 2<sup>3</sup>/<sub>8</sub>" tubing in hole. Tag up on sand fill. Circulate sand from well (Use Merrion's bailer if circulation is lost or fill is in or near top of perforations).
3. Latch on to RBP & POH, clean out rat hole if necessary.
4. Land production tubing at depth to be determined when pumping equipment vendor is chosen, consult w/ Steve Dunn.
5. Nipple down BOPs, nipple up wellhead. Run rods and progressing cavity pump. Put well on to production. Report production on morning report for two weeks.

### **Attachments:**

1. Wellbore Schematic after completion.
2. Charles Hutton No. 1 Open hole survey strip from induction log.
3. Fracture stimulation design.

# Merrion Oil & Gas Corporation

## Wellbore Schematic

### Chucky No. 1

#### Proposed Wellbore Configuration

Location: 1065' fnl & 1260' fel (ne ne)  
Sec 23, T30N, R12W, NMPM  
San Juan County, New Mexico

Date: January 31, 2002

Elevation: 5510' GL  
5515' RKB

Prepared by: Connie S. Dinning

