

✓ submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2004 NOV 30 PM 12 48

1. Type of Well

GAS

5. Lease Number

RECEIVED NMSE078138

070 FARMINGTON NM  
If Indian All. or  
Tribe Name

2. Name of Operator

**BURLINGTON**

RESOURCES OIL & GAS COMPANY

7. Unit Agreement Name

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1400' FSL, 2070' FEL, Sec.15, T-30-N, R-11-W, NMPM

8. Well Name & Number

Morris A #13B

API Well No.

30-045-30840

Field and Pool

Blanco Mesaverde/  
Basin Dakota

11. County and State

San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☐ Abandonment ☒ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut off  
☐ Altering Casing ☐ Conversion to Injection  
☒ Other -

13. Describe Proposed or Completed Operations

30596 The Dakota formation has been added and will be drilled and completed in this wellbore. The well will produce as a Mesaverde/Dakota commingle. The well name of the subject well has been changed from Morris A #13B to **Dump Mesa Federal #1M**. Attached is the revised C-102 plat and operations plan.

14. I hereby certify that the foregoing is true and correct.

Signed Tammy Jones Title Regulatory Specialist Date 11/9/04

(This space for Federal or State Office use)

APPROVED BY Jim Kato Title Petr. Eng Date 12/6/04

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-30840	<sup>2</sup> Pool Code 72319/71599	<sup>3</sup> Pool Name Blanco Mesaverde/Basin Dakota
<sup>4</sup> Property Code	<sup>5</sup> Property Name Dump Mesa Federal	<sup>6</sup> Well Number 1M
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS INC.	<sup>9</sup> Elevation 5884

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	30-N	11-W		1400	SOUTH	2070	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres MV: E/317.66 DK: E/320					<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		FLORANCE, MJ, ET AL	FD 3 1/4" BLM 1969 B.C.	17	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  <i>Tammy Jones</i> Signature Tammy Jones Printed Name Regulatory Specialist Title 11-9-04 Date	
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## OPERATIONS PLAN

**Well Name:** Dump Mesa Federal #1M  
**Surface Location:** 1400' FSL, 2070' FEL, Section 15, T-30-N, R-11-W  
San Juan County, New Mexico  
Latitude 36° 48.5'N, Longitude 107° 58.6'W  
**Formation:** Blanco Mesaverde/Basin Dakota  
**Elevation:** 5884'GR

<b><u>Formation Tops:</u></b>	<b><u>Top</u></b>	<b><u>Bottom</u></b>	<b><u>Contents</u></b>
Surface	San Jose	928'	aquifer
Ojo Alamo	928'	1028'	aquifer
Kirtland	1028'	1712'	gas
Fruitland	1712'	2302'	gas
Pictured Cliffs	2302'	2486'	gas
Lewis	2486'	3060'	gas
Huerfanito Bentonite	3060'	3345'	gas
Chacra	3345'	4046'	gas
Massive Cliff House	4046'	4105'	gas
Menefee	4105'	4621'	gas
<b>Intermediate TD</b>	<b>4255'</b>		
Point Lookout	4621'	4967'	gas
Mancos	4967'	5876'	gas
Gallup	5876'	6613'	gas
Greenhorn	6613'	6666'	gas
Graneros	6666'	6726'	gas
Dakota	6726'	6967'	gas
Burro Canyon	6967'		gas
<b>Total Depth</b>	<b>7030'</b>		

### **Logging Program:**

Cased hole logging - Gamma Ray, Cement bond from surface to TD  
Open hole logging - none  
Mudlog - 6415' to TD  
Coring - none

### **Mud Program:**

<b><u>Interval- MD</u></b>	<b><u>Type</u></b>	<b><u>Weight</u></b>	<b><u>Vis.</u></b>	<b><u>Fluid Loss</u></b>
0- 223'	Spud	8.4-9.0	40-50	no control
223- 4255'	LSND	8.4-9.0	30-60	no control
4255- 7030'	Air/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

### **Casing Program (as listed, the equivalent, or better):**

<b><u>Hole Size</u></b>	<b><u>Depth Interval</u></b>	<b><u>Csg Size</u></b>	<b><u>Weight</u></b>	<b><u>Grade</u></b>
12 1/4"	0' - 223'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4255'	7"	20.0/23.0#	J-55
6 1/4"	0' - 6947'	4 1/2"	10.5#	J-55
3 7/8"	6947' - 7030'	open hole		

**Tubing Program:** 0' - 7030' 2 3/8" 4.7# J-55

### **BOP Specifications, Wellhead and Tests:**

#### **Surface to Intermediate TD -**

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

#### **Intermediate TD to Total Depth -**

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

**BOP Specifications, Wellhead and Tests (cont'd):****Surface to Total Depth -**

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

**Completion Operations -**

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

**Wellhead -**

9 5/8" x 7" x 4 1/2" x 2 3/8" x 2000 psi tree assembly.

**General -**

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drill crew.
- All BOP tests & drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

**Cementing:**

9 5/8" surface casing - Well already pre-set.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

**7" intermediate casing -**

Lead w/387 sx Premium Lite with 3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate. Tail with 90 sx Type III cmt w/1% calcium chloride, 0.25 pps celloflake, 0.2% fluid loss (948 cu.ft. of slurry, 50% excess to circulate to surface). WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL or temp survey will be run to determine TOC. Test casing to 1500 psi for 30 minutes.

**7" intermediate casing alternative two stage:**

Stage collar set 300' above the top of the Fruitland. First stage: Lead with 243 sacks Premium Lite cmt w/3% calcium chloride, 0.25 pps Celloflake, 0.4% fluid loss, 5 pps LCM-1, 0.4% sodium metasilicate. Tail with 90 sacks with Type III cement with 1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss. Second stage: cement with 144 sacks with Premium Lite cement with 3% calcium chloride, 0.25 pps Celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate (948 cu. ft.-50% excess to circulate to surface).

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every fourth joint off bottom, to the base of the Ojo Alamo at 1028'. Two turbolating centralizers at the base of the Ojo Alamo at 1028'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production Casing -

Pump 187 sxs Premium Lite HS FM w/0.25 pps celloflake, 0.3% CD-32, 6.25 pps LCM-1, 1% fluid loss, 6% gel, 7 pps CSE (371 cu.ft., 30% excess to cement 4 1/2" x 7" overlap). WOC a minimum of 18 hrs prior to completing.

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. The liner hanger will have a rubber packoff.

- If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/ mud contamination or cement hydration.

**Special Drilling Operations (Air/Mist Drilling):**

The following equipment will be operational while gas/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

**Additional Information:**

- The Mesa Verde and Dakota formations will be completed.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal	150 psi
Pictured Cliffs	260 psi
Mesa Verde	375 psi
Dakota	1000 psi
- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The east half of Section 15 is dedicated to the Mesaverde and Dakota in this well.
- This gas is dedicated.

Sean Conzian  
Drilling Engineer

November 29, 2004  
Date