

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

5. Lease Number  
SF-078138

6. If Indian, All. or  
Tribe Name

2. Name of Operator

7. Unit Agreement Name

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

Well Name & Number

Morris A #13

API Well No.

30-045-26492

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

1450' FNL, 1110' FEL, Sec. 15, T-30-N, R-11-W, NMPM

10. Field and Pool

WC:30N11W15H Chacra/  
Blanco Mesaverde

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

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to recomplate the subject well in the Chacra formation according to the attached procedure. The Chacra will then be commingled with the existing Mesaverde formation. A commingle application will be made.

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

Signed [Signature] (PMPOpps) Title Regulatory Administrator Date 3/1/99

(This space for Federal or State Office use)

APPROVED BY Chip Haraden Title Acting Team Lead Date 3/12/99

CONDITION OF APPROVAL, if any:

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

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, Artesia, NM 88211-0719

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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO 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

API Number 30-045-26492	Pool Code 96884/72319	Pool Name WC:30N11W15H Chacra/Blanco Mesaverde
Property Code 7326	Property Name MORRIS A	Well Number 13
OGRIID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 5851'

<sup>10</sup> Surface Location

UL or lot no. H	Section 15	Township 30N	Range 11W	Lot Idn	Feet from the 1450	North/South line NORTH	Feet from the 1110	East/West line EAST	County SAN JUAN
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<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
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<sup>12</sup> Dedicated Acres Cha - 160 MV-E/317.66	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

<p><sup>16</sup></p> <p>*NOT RESURVEYED* PREPARED FROM A PLAT BY FRED B. KERR, JR. DATED JUNE 30, 1985</p> <p>MAR 15 1999</p> <p>OIL CON. DIV. DIST. 3</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 3-1-99 Date</p> <p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>FEBRUARY 27, 1999 Date of Survey</p> <p><i>NEALE C. EDWARDS</i> Signature and Seal of Professional Surveyor</p> <p>NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number 6857</p>
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MORRIS A #13 MV-CH  
Recompletion Procedure  
H 15 30 11  
San Juan County, N.M.  
Lat-Long: 36 – 48.92' – 107 – 58.37'

**PROJECT SUMMARY:** Complete the Chacra (Lewis) in this 1985 vintage Mesaverde well and commingle.

1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. NU BOP w/flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
2. Set blanking plug in S.N. of 2-3/8" tbg @ 5002' and pressure test tbg to 3000 psi. TOH w/2-3/8" tbg.
3. Run 4-1/2" csg scraper on 2-3/8" tbg to 3600'. TOH.
4. MI wireline. Set top drillable BP @ 3600'. Load hole w/1% KCL water, run CBL from 3600' to top of cement in 4-1/2" liner. Pressure csg to 1000 psi if necessary to see bond. TIH w/7" pkr on 2 jts 2-3/8" tbg and set at about 60'. Pressure test csg and BP to 3000 psi. TOH.
5. TIH w/2-3/8" tbg open ended and spot 240 gal 15% HCL acid across Chacra perms (3095'-3448').  
All acid on this well to contain the following additives per 1000 gal:

2 gal	CI-22	corrosion inhibitor
5 gal	Ferrotrol-300L	iron control
1 gal	Flo-back 20	Surfactant
0.5 gal	Clay Master-5C	clay control
5. Perf Chacra w/1 spf @ 3095', 3101', 05', 12', 17', 33', 55', 74', 94', 3206', 25', 68', 77', 3321', 32', 34', 46', 67', 93', 3405', 27', 48'. Total 22 holes. Perf w/select fire HSC gun using HSC-3125-302T 10 gr Owen jets which should give a 0.29" hole and 16.64" of penetration in concrete.
6. Fill 3 - 400 bbl. frac tanks with 1% KCL water. If necessary, filter all water to 25 microns. Two tanks are for gel and one tank for breakdown water. Usable gel water required for frac is 747 bbls.
7. TIH w/4-1/2" pkr on 2-3/8" tbg and set @ 2900'. W/ 500 psi on annulus, breakdown and attempt to balloff Chacra perms w/1500 gal 15% HCL acid and 55 RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as in step #5. Max. pressure is 4550 psi. Lower pkr to 3460' to knock off perf balls. TOH.
8. TIH w/7" pkr on 2 jts 3-1/2" N-80 tbg and set @ about 60' to protect wellhead. Frac Chacra down csg w/100,000 gals. of 70 quality foam using 20# gel as the base fluid and 200,000# 20/40 Arizona sand. Pump at 65 BPM. Monitor bottom-hole and surface treating pressures, rate, foam quality, and sand concentration with computer van. Sand to be tagged w/ 3 RA isotope tracers. Max. pressure is 3000 psi and estimated Max. treating pressure is 2000 psi. Treat per the following schedule:

# MORRIS A #13 MV-CH - RECOMPLETE TO CHACRA & COMMINGLE WITH MV

<u>Stage</u>	<u>Foam Vol. (Gals.)</u>	<u>Gel Vol. (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	20,000	6,000	---
1.0 ppg	20,000	6,000	20,000
2.0 ppg	20,000	6,000	40,000
3.0 ppg	20,000	6,000	60,000
4.0 ppg	20,000	6,000	80,000
Flush	( 4,639)	(1,391)	0
Totals	100,000	30,000	200,000#

Treat frac fluid w/the following additives per 1000 gallons:

- \* 20# J-48 (Guar Gel mix in full tank - 16,000 gal)
- \* 1.0 gal. Aqua Flow (Non-ionic Surfactant mix in full tank)
- \* 1.0# GVW-3 (Enzyme Breaker mix on fly)
- \* 1.0# B - 5 (Breaker mix on fly)
- \* 3.0 gal Fracfoam I (Foamer mix on fly)
- \* 0.38# FracCide 20 (Bacteriacide mix on full tank)

9. Open well through choke manifold and monitor flow. Flow @ 20 bbl/hr. or less, if sand is observed. **Take pitot gauges when possible.** TOH w/pkr.
10. TIH w/3-7/8" bit on 2-3/8" tbg and C.O. to BP @ 3600' w/air/mist. Monitor gas and water returns and **Take pitot gauges when possible.**
11. When wellbore is sufficiently clean, drill BP @ 3600' and clean out to PBTD5051'.
12. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 3600' to 3000' and perf eff log across all perfs from 5000' to 3000'.
13. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 5051'. When wellbore is sufficiently clean, land tbg @ 4700' KB. **Take final water and gas rates.**
14. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended: \_\_\_\_\_  
Production Engineer

Approved: \_\_\_\_\_  
Drilling Superintendent

Approved: \_\_\_\_\_  
Team Leader

## VENDORS:

Wireline:	Basin	327-5244
Fracturing:	Howco	325-3575
RA Tag:	Pro-Technics	326-7133

PMP