

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2001 FEB -6 PM 12: 58

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

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

840' FNL, 1100' FEL, Sec.27, T-27-N, R-9-W, NMPM

5. Lease Number
SF-078356-B

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Huerfanito Unit

8. Well Name & Number
Huerfanito Unit #105

9. API Well No.
30-045-11807

10. Field and Pool
Blanco MV/Basin DK

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 - TA Dakota

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to temporarily abandon the Dakota formation and recompleate to the Mesaverde formation in the subject well according to the attached procedure and wellbore diagram.

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

Signed

Juan Calle

Title Regulatory Supervisor Date 2/6/01

TLW

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date 2/7/01

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.

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, 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 30-045-11807	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7138	Property Name Huerfanito Unit	Well Number 105
OGRID No. 14538	Operator Name Burlington Resources Oil & Gas Company	Elevation 6311'GR

¹⁰ Surface Location

UL or lot no. A	Section 27	Township 27N	Range 9W	Lot Ids	Feet from the 840	North/South line North	Feet from the 1100	East/West line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres E/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ Original plat from David O. Vilven 5-26-66.						¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Peggy Cole Printed Name Regulatory Supervisor Title 2-6-01 Date
						¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

Huerfanito Unit #105
Mesaverde Re-completion
840' FNL, 1100' FEL
Unit A, Sec. 27, T-27-N, R-09-W
San Juan County, NM

Project Summary:

The Huerfanito Unit #105 was originally completed in the Dakota formation in 1966. Production has been plagued with lift problems due to water production. A 1993 workover to re-stimulate the Dakota and isolate the water production did not have favorable results. Prior to being temporarily abandoned in June of 2000, the well had only averaged less than 5 MCFPD. The cumulative production from the Dakota formation is 217 MMCF.

Completion Procedure:

The following procedure details the proposed operations to abandon the Dakota completion and re-complete the wellbore in the Point Lookout and Menefee intervals of the Mesaverde formation.

- Comply with all NMOCD, BLM and BR regulations. Conduct daily safety meetings for all personnel on location. **Notify BR regulatory (Peggy Cole 326-9727)** and the appropriate Regulatory Agency prior to pumping any cement job and after CBL is run. If an unplanned cement job is required, **approval is required before the job can be pumped. If verbal approval is obtained, document the approval in Dims.** Allow adequate notice prior to the pump time for the Agency to witness the cementing operation.
 - Inspect location and wellhead and install rig anchors prior to rig move.
 - Construct blow pit.
1. MOL, hold safety meeting and RU completion rig. Insure all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. Set frac tanks and fill with 2% KCl water. Blow well down and kill with 2% KCl water as necessary.
 2. ND wellhead. NU BOP, stripper head and blooie line. Test BOP.
 3. TOOH w/ 2-3/8", 4.7#, J-55 production string set at 6720' (213 jts, SN at 6655'). Inspect tubing and replace as necessary. Stand back 2-3/8" tubing.
 4. MI wireline company. Run 3-3/4" gauge ring to check TD (4-1/2" 10.5# csg drift – 3.927"). If gauge ring tags above 6580', PU 3-3/4" casing mill on the 2-3/8", 4.7# J-55 tubing. TIH and clean out to 6580' (existing Dakota perms 6580' – 6742' OA). TOOH.
 5. Set 4-1/2" CIBP @ 6550'. TIH w/ open ended 2-3/8" tubing to CIBP @ 6550'. Spot 1 Bbl (62' of capacity in 4-1/2" 10.5# casing) on top of CIBP. CMT-
 6. Pull 2 stands to ±6425' and circulate hole with 2% KCl water.
 7. Pull out of hole to 4659' and spot 5 Bbls 15% HCl acid** over proposed Point Lookout perforation interval (4500' - 4659' OA). TOOH. ** 15% HCl acid to contain 2 gals of corrosion inhibitor per 1000 gals of acid.
 8. NU wireline company. Under lubricator, run CBL-GR-CCL log from 5000' to 3500' (or TOC). Hold 1000 psi on casing while running bond log. Bleed off pressure. ND wireline.
 9. Evaluate CBL. Good bond must exist across the proposed Mesaverde perforation intervals (Point Lookout 4500' – 4659' OA; Menefee 4200' – 4389' OA) to isolate the stimulation treatments. Good bond and isolation above the Menefee perforations is also required to prevent the "wet" Cliff House formation (3781' – 3828') from communicating with the wellbore. (Should CBL indicate poor bond or isolation, contact Drilling Manager or Production Engineer to discuss modification of planned perforation depths).

Huerfanito Unit#105
Unit A, Sec. 27, T-27-N, R-09-W
San Juan County, New Mexico

Wellbore Diagram

Pre-Work

Post-Work

