submitted in lieu of Form 3160-5

**UNITED STATES**
**DEPARTMENT OF THE INTERIOR**
**BUREAU OF LAND MANAGEMENT**

RECEIVED
BLM

Sundry Notices and Reports on Wells

99 JUL -6 PM 3:49

070 FARMINGTON, NM

1. **Type of Well**
GAS

5. **Lease Number**
SF-078200-A

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. **Well Name & Number**
Grambling C #2

9. **API Well No.**
30-045-09442

4. **Location of Well, Footage, Sec., T, R, M**
890'FSL, 1550'FWL, Sec.14, T-30-N, R-10-W, NMPM

10. **Field and Pool**
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 | Type of Action | | |
|---|---|---|---|
| _X_ Notice of Intent | _X_ Abandonment | ___ Change of Plans | |
| | ___ Recompletion | ___ New Construction | |
| ___ Subsequent Report | ___ Plugging Back | ___ Non-Routine Fracturing | |
| | ___ Casing Repair | ___ Water Shut off | |
| ___ Final Abandonment | ___ Altering Casing | ___ Conversion to Injection | |
| | ___ Other | | |

13. **Describe Proposed or Completed Operations**

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JUL 30 1999
OIL CON. DIV.
DIST. 3

* MUST Put Plug over Nacimiento formation

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

Signed Peggy Bradfield Title Regulatory Administrator Date 7/2/99

trc

(This space for Federal or State Office use)

APPROVED BY /S/ Duane W. Spencer Title Team Lead, Petroleum Management Date JUL 28 1999

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.

NMOCD

# Grambling C #2
## Blanco Mesaverde
## AINO: 4835701
## 890' FSL and 1550' FWL, Section 14, T-30-N, R-10-W
## Latitude / Longitude: 36° 48.4323' / 107° 51.3968'
## San Juan Co., New Mexico
## PLUG & ABANDONMENT PROCEDURE
4-15-99

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and BROG safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary.

2. ND wellhead and NU BOP. Test BOP. TOH and tally 1-1/4" IJ tubing, visually inspect tubing. If necessary LD and PU workstring. Round trip 2-7/8" gauge ring to 4700'.

3. **Plug #1 (Mesaverde perforations and top, 4700' – 4637'):** Set 2-7/8" wireline CIBP at 4700'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate clean. Pressure test 2-7/8" casing to 500#. If casing does not hold, spot or tag subsequent plugs as appropriate. Mix 8 sxs Class B cement and spot a balanced plug inside 2-7/8" casing above CIBP to isolate Mesaverde perforations and cover top. PUH with tubing to 3168'.

4. **Plug #2 (Pictured Cliffs top, 3168' – 3068'):** Mix 5 sxs Class B cement and spot balanced plug inside 2-7/8" casing to cover PC top. PUH to 2900' and reverse clean. TOH with tubing.

5. Perforate 4 bi-wire squeeze holes at 2800' through 2-7/8" casing and 5-1/2" casing; attempt to establish circulation to surface. ND BOP and wellhead. Pick up on 2-7/8" casing and remove casing slips/hanger. Strip BOP over 2-7/8" casing and NU. Determine free point by stretch. Jet cut 2-7/8" casing at approximately 2790'. TOH and LD 2-7/8" casing. Round-trip 5-1/2" gauge ring to 2732'.

6. **Plug #3 (2-7/8" casing stub and Fruitland top, 2800' – 2682'):** Load casing with water and circulate wellbore clean. Establish rate into squeeze holes in 5-1/2" casing. TIH and set 5-1/2" cement retainer at 2732'. Establish rate under retainer into squeeze holes and above CR, pressure test 5-1/2" casing to 500#. Mix and pump 70 sxs Class B cement, squeeze 51 sxs outside 5-1/2" casing and spot 19 sxs inside to cover stub and Fruitland top.

7. **Plug #4 (Kirtland and Ojo Alamo tops, 1980' – 1762'):** Perforate 3 squeeze holes at 1980'. Establish rate into squeeze holes if casing tested. TIH and set 5-1/2" cement retainer at 1930'. Establish rate into squeeze holes. Mix 125 sxs Class B cement, squeeze 94 sxs outside casing and spot 31 sxs inside to cover Ojo Alamo top. POH and LD tubing.

8. **Plug #5 (9-5/8" casing shoe at 177'):** Perforate 3 HSC squeeze holes at 227'. Establish circulation out bradenhead valve. Mix and pump approximately 90 sxs Class B cement down the 5-1/2' casing from 227' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.

9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: L. Tom Loveland 4/15/99
Operations Engineer

Approval: Bruce W. Boyd 4-20-99
Drilling Superintendent

Operations Engineer: L. Tom Loveland
Office: 326-9771
Pager: 324-2568
Home: 564-4418

# Grambling C #2

*Current*

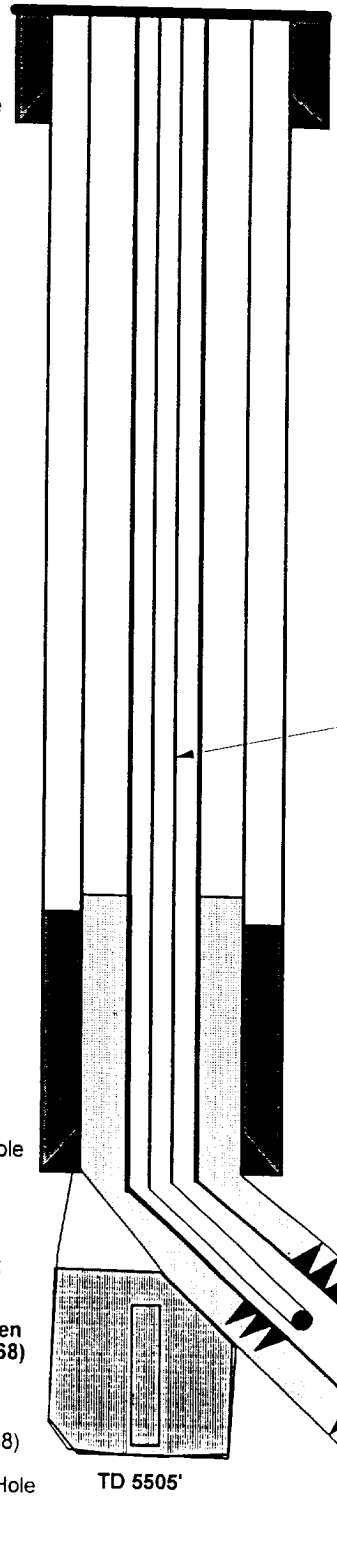
*AINO 4835701*

**Blanco Mesaverde**

**SW, Section 14, T-30-N, R-10-W, San Juan County, NM**

**Latitude / Longitude: 36° 48.4323' / 107° 51.3968'**

Today's Date: 4/15/99
Spud: 3/30/52
Completed: 8/12/52
Re-completed: 8/8/68
Elevation: 6500' (GL)
6510' (KB)
Logs: ES-M, GRI, T.S.




Ojo Alamo @ 1812'

Kirtland @ 1930'

Fruitland @ 2732'

Pictured Cliffs @ 3118'

Cliff House @ 4732'

Point Lookout @ 5344'

**Workover History**

**Jul '68:** Sidetrack Recompletion: Tubing parted so left 615' of 2-3/8" in open hole; squeezed open hole with 175 sxs; while drilling sidetrack, enter old open hole; re-squeezed with 200 sxs; drill to 5512' and set 2-7/8" casing; perforate and frac Mesaverde zone.

**Oct '68:** Ran 1-1/4" tubing.

# Grambling C #2

*Proposed P&A*

*AINO 4835701*

**Blanco Mesaverde**

**SW, Section 14, T-30-N, R-10-W, San Juan County, NM**

**Latitude / Longitude: 36° 48.4323' / 107° 51.3968'**

Today's Date: 4/15/99
Spud: 3/30/52
Completed: 8/12/52
Re-completed: 8/8/68
Elevation: 6500' (GL)
6510' (KB)
Logs: ES-M, GRI, T.S.

12-1/4" hole

9-5/8" 36# J-55 Csg set @ 177'
125 sxs cement (Circulated to Surface)

**Perforate @ 227'**

**Plug #5** 227' - Surface
Cmt with 90 sxs Class B

Ojo Alamo @ 1812'

Kirtland @ 1930'

**Plug #4** 1980' - 1762'
Cmt with 125 sxs Class B,
94 sxs outside casing
and 31 inside.

**Cmt Retainer @ 1930'**

**Perforate @ 1980'**

Fruitland @ 2732'

**Plug #3** 2800' - 2682'
Cmt with 70 sxs Class B,
51 sxs outside casing
and 19 inside.

**Cmt Retainer @ 2732'**

**Cut Casing at 2790'**

**Perforate @ 2800'**

Pictured Cliffs @ 3118'

TOC @ 3000' (1968 T.S.)
TOC @ 3100' (1952 T.S.)

**Plug #2** 3168' - 3068'
Cmt with 5 sxs Class B

**Plug #1** 4700' - 4637'
Cmt with 8 sxs Class B

8-3/4" Hole

5-1/2" 15.5#, J-55 Casing Set @ 4687'
Cemented with 300 sxs.

Cliff House @ 4732'

**CIBP set @ 4700'**

Began sidetrack @ 4722'.

Cliff House Perforations:
4740' - 4808'

Mesaverde Open Hole:
Shot 4732' - 5502' qts
SNG with 1735'.
**Sqzd with 175 sxs, then**
**re-sqzd w/200 sxs (7/68)**

Point Lookout Perforations:
5378' - 5458'

Point Lookout @ 5344'

2-7/8" 6.4#, Casing Set @ 5512'
Cemented with 125 sxs

615' fish left in hole (7/68)

PBTD 5505'

4-3/4" Hole

**TD 5505'**

TD 5512'