

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

JUL 21 PM 1:33

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) 426-9700

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

1190' FSL, 1650' FWL, Sec. 31, T-32-N, R-10-W, NMPM

5. Lease Number

SF-080314

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Harrison #1

9. API Well No.

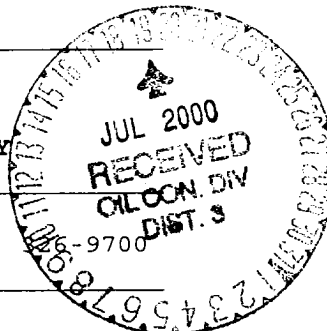
30-045-11124

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

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ 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 & wellbore diagram.

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

Signed *Dugan Cole* Title Regulatory Supervisor Date 5/30/00
TLW

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 7/19/00

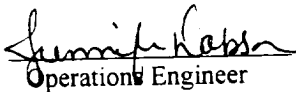
CONDITION OF APPROVAL, if any:

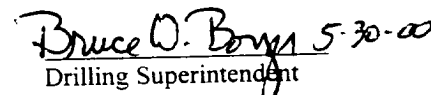
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Harrison #1
Blanco Mesaverde / AIN 2729501
Latitude / Longitude: 36° 56.2720' / 107° 55.5899'
1190' FSL and 1650' FWL, Section 31, T-32-N, R-10-W
San Juan Co., New Mexico
PLUG & ABANDONMENT PROCEDURE
04-21-00

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 NMOC, BLM, and Burlington 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. TOOH and tally 165 joints 2-3/8" tubing, visually inspect tubing. If necessary LD and PU workstring. Round trip a 4-1/2" gauge ring to 4481'.
3. **Plug #1 (Mesaverde perforations, 4481' – 4381')**: Set a 4-1/2" wireline CIBP at 4481'. TIH with open ended tubing and tag CIBP. Load 4-1/2" casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement and spot a balanced plug inside 4-1/2" casing above CIBP to isolate Mesaverde perforations. TOOH with tubing.
4. **Cut and Pull Casing**: Perforate 2 squeeze hole at 2850'. Establish circulation to surface out 4-1/2" X 7" casing valve. ND BOP and tubing head. Prepare a Hot Work Permit. Weld 4-1/2" slip on collar on casing stub and pick up on 4-1/2" casing. Determine free point by stretch calculation. Jet cut or collar split the 4-1/2" casing at approximately 2800'. Pull 4-1/2" casing out of well and LD.
5. **Plug #2 (Casing Stub and Pictured Cliffs top, 2850' – 2690')**: Perforate 3 squeeze holes in 7" casing at 2790'. TIH and set 7" cement retainer at 2740'. Pressure test tubing to 1000#. Load 7" casing with water and circulate clean. Pressure test 7" casing to 500#. Establish rate under retainer into squeeze holes. Mix and pump 70 sxs Class B cement, squeeze 30 sxs outside casing from 2790' to 2690', pump 26 sxs below cement retainer and spot 14 sxs on top of cement retainer to cover casing stub and Pictured Cliffs top. TOOH with tubing.
6. **Plug #3 (Fruitland top, 2330' – 2230')**: Perforate 3 squeeze holes at 2330'. TIH and set 7" cement retainer at 2280'. Establish rate under retainer into squeeze holes. Mix and pump 58 sxs Class B cement, squeeze 30 sxs outside casing, pump 14 sxs below cement retainer and spot 14 sxs above the cement retainer to cover Fruitland top. TOOH with tubing.
7. **Plug #4 (Kirtland and Ojo Alamo tops, 1160' – 980')**: Perforate 3 squeeze holes at 1160'. Establish rate into squeeze holes; casing tested. TIH and set 7" cement retainer at 1110'. Establish rate into squeeze holes. Mix and pump 97 sxs Class B cement, squeeze 53 sxs outside casing, pump 14 sxs below cement retainer and spot 30 sxs above cement retainer to cover through Ojo Alamo top. POOH and LD tubing.
8. **Plug #5 (10-3/4" casing shoe, 265' to Surface)**: Perforate 3 HSC squeeze holes at 265'. Establish circulation through bradenhead valve. Mix and pump approximately 120 sxs Class B cement down the 7" casing from 265' 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: 
Operations Engineer

Approval:  5-30-00
Drilling Superintendent

Harrison #1
Current
 Blanco Mesaverde
 AIN: 2729501
 SW Section 31, T-32-N, R-10-W
 San Juan County, NM
 Latitude / Longitude: 36° 56.2720' / 107° 55.5899'

Today's Date: 5/24/00
 Spud: 7/29/52
 Completed: 9/27/52
 El: 5973' GI

12-1/4" hole

10-3/4" 40.3# Csg set @ 215'
 100 sxs cement (Circulated to Surface)

Well History

Jun '69: Sidetrack: Cut off stuck tubing (no depth reported); squeeze open hole with 300 sxs; set WS at 4200'; drill 4790', hole wet; squeeze with 300 sxs; WS again at 4238'; drill to 6417'; lost square drill collar in hole, fished; set CR at 3914'; squeeze with total 350 sxs cement; WS again at 3885'; drilled to 5205'; ran 4-1/2" casing; perforated and fraced Mesaverde zone; CO to 5160'; land tubing.

Ojo Alamo @ 1030'

Kirtland @ 1110'

Fruitland @ 2280'

Pictured Cliffs @ 2740'

2-3/8" Tubing set at 5117'
 (165 joints)

TOC in 9" at 3267' (Calc, 75%)

TOC in 7" at 3343' (Calc, 75%)

Mesaverde @
 4530'

9" hole

Whipstock @ 3885'

5 - Set CR at 3914' and sqzd with total 450 sxs cmt; whipstock again, drilled to 5205', set 4-1/2" casing.

4 - Whipstock again at 4238', drilled to 6417'; stuck square drill collar, fished out of hole.

3 - Whipstock at 4200', drilled to 4790', hole wet; squeezed off.

2 - Cut off stuck tubing; squeezed off MV open hole (1969)

1 - Mesaverde Open Hole Interval: 4408' - 5326', Nitro shot (1952)

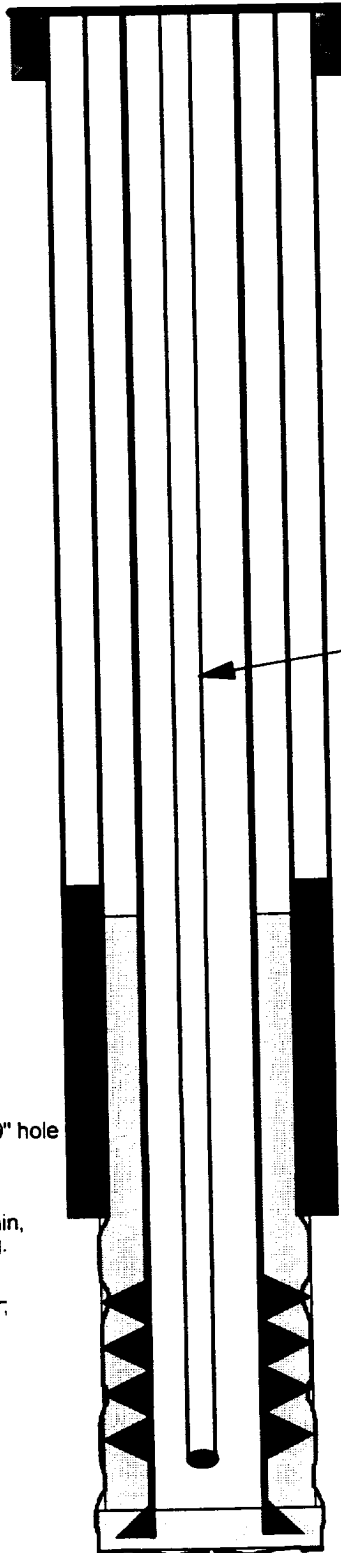
7" 20# J-55/H-40 Casing set @ 4408'
 Cemented with 225 sxs

Mesaverde Perforations:
 4531' - 5060'

4-1/2" 10.5# Casing set @ 5205'
 Cemented with 150 sxs (266 cf)
 50/50 Poz with 4% gel & 12# gilsonite

6-1/4" hole

TD 5205'



Harrison #1

Proposed P&A

Blanco Mesaverde

AIN: 2729501

SW Section 31, T-32-N, R-10-W

San Juan County, NM

Latitude / Longitude: 36° 56.2720' / 107° 55.5899'

Today's Date: 5/24/00

Spud: 7/29/52

Completed: 9/27/52

EI: 5973' GI

12-1/4" hole

10-3/4" 40.3# Csg set @ 215'
100 sxs cement (Circulated to Surface)

Perforate @ 265'

Plug #5 265' - Surface
Cmt with 120 sxs Class B

Ojo Alamo @ 1030'

Plug #4 1160' - 980'
Cmt with 99 sxs Class B,
54 sxs outside casing
and 45 sxs inside.

Kirtland @ 1110'

Cmt Retainer @ 1110'

Perforate @ 1160'

Plug #3 2330' - 2230'
Cmt with 59 sxs Class B,
30 sxs outside casing
and 29 sxs inside.

Fruitland @ 2280'

Cmt Retainer @ 2280'

Perforate @ 2330'

Plug #2 2850' - 2690'
Cmt with 71 sxs Class B,
30 sxs outside 7" from 2'
to 2690' and 41 sxs inside

Pictured Cliffs @ 2740'

Cmt Retainer @
2740'

Perforate 7" @ 2790'

Jet Cut 4-1/2" Casing @ 2800'

Perforate 4-1/2" Casing @ 2850'

TOC in 9" at 3267' (Calc, 75%)

TOC in 7" at 3343' (Calc, 75%)

Mesaverde @
4530'

9" hole

Whipstock @ 3885'

Plug #1 4481' - 4381'
Cmt with 12 sxs Class E

Set CIBP at 4481'

7" 20# J-55/H-40 Casing set @ 4408'
Cemented with 225 sxs

5 - Set CR at 3914' and sqzd with
total 450 sxs cmt; whipstock again,
drilled to 5205', set 4-1/2" casing.

4 - Whipstock again at 4238', drilled
to 6417'; stuck square drill collar,
fished out of hole.

3 - Whipstock at 4200', drilled to
4790', hole wet; squeezed off.

2 - Cut off stuck tubing; squeezed
off MV open hole (1969)

1 - Mesaverde Open Hole Interval:
4408' - 5326', Nitro shot (1952)

Mesaverde Perforations:
4531' - 5060'

4-1/2" 10.5# Casing set @ 5205'
Cemented with 150 sxs (266 cf)
50/50 Poz with 4% gel & 12# gilsonite

6-1/4" hole

TD 5205'