

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

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

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

4. Location of Well, Footage, Sec., T, R, M
1840' FSL, 1060' FWL, Sec. 25, T-31-N, R-14-W, NMPM

5. Lease Number
MOO-C-1420-0625

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Pinon Mesa B #1

9. API Well No.
30-045-21608

10. Field and Pool
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

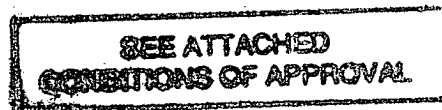
☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

Type of Action

☒ Abandonment☐ 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 plug and abandon the subject well according to the attached procedure and wellbore diagram.



RECEIVED

OCT 13 2004

Bureau of Land Management
Durango, Colorado

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

Signed Nancy Altman Title Senior Staff Specialist Date 10/7/04

(This space for Federal or State Office use)

APPROVED BY **ACTING**

MINERALS STAFF CHIEF

Date

NOV 2 2004

CONDITION OF APPROVAL any:

MAILED


Pinon Mesa B #1 -- Dakota
PLUG AND ABANDONMENT PROCEDURE

1840' FSL & 1060' FWL
SW, Section 25, T031N, R014W
Latitude: N36°52.452', Longitude: W108° 15.276'
AIN: 4509801
10/5/04

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. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

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 and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. PU on tubing and release Model R packer set at 3330'. TOH and tally 2-3/8" tubing, total 6209'; LD packer. Round-trip 4-1/2" gauge ring or casing scraper to 6056' or as deep as possible.
3. **Plug #1 (Dakota perforations, 6056' – 5956')**: TIH with tubing and set a 4-1/2" cement retainer at 6056'. Pressure test tubing to 1000#. Load casing with water and circulate well clean above CR. Note: casing had a small leak in 1997. Attempt to pressure test to 800#. Spot or tag cement plugs as appropriate. Mix 11 sxs Type III cement and spot a balanced plug inside the casing above CR to isolate the Dakota perforations. TOH with tubing.
4. **Plug #2 (Gallup top, 5247' – 5147')**: Perforate 3 squeeze holes at 5247'. Set 4-1/2" cement retainer at 5197'. Establish rate under CR into squeeze holes. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the casing and leave 11 sxs inside casing. PUH to 3080'.
5. **Plug #3 (Mesaverde top, 3080' – 2980')**: Mix 11 sxs Type III cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH to 1425'.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 1425' – 945')**: Mix 36 sxs Type III cement and spot a balanced plug inside casing to cover the PC and Fruitland tops. PUH to 255'.
7. **Plug #5 (9-5/8" casing shoe, 255' – Surface)**: Note: squeezed casing from 366' to 410' several times, circulated cement out the BH valve. Mix 20 sxs Type III cement and spot a balanced plug inside casing from 255' to surface, circulate good cement out the bradenhead. TOH and LD tubing.
8. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended:


Operations Engineer

Engineer: Julian Carrillo Office - (599-4043)
Cell - (320-0321)

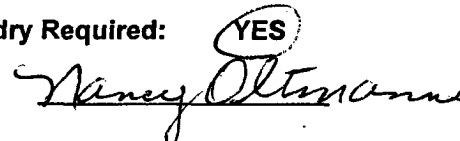
Approved:


Drilling Superintendent

Sundry Required:

YES

Approved:



Lease Operator: Roger Hutchinson
Specialist: Mick Ferrari
Foreman: Ken Raybon

Cell: 320-0559
Cell: 320-2508
Office: 326-9804

Pager: 949-9181
Pager: 326-8865
Cell: 320-0104

Pinon Mesa B #1

Current

Basin Dakota / AIN #4509801

1840' FSL & 1060' FWL, Section 25, T-31-N, R-14-W, San Juan County, NM

Long: N: 36^ 52.452 / Lat: 108^ 15.276 / API #30-045-21608

Today's Date: 10/5/04

Spud: 12/31/74

Completed: 1/28/75

Elevation: 5616' GL

Ojo Alamo / Kirtland
behind casing

Fruitland @ 995'

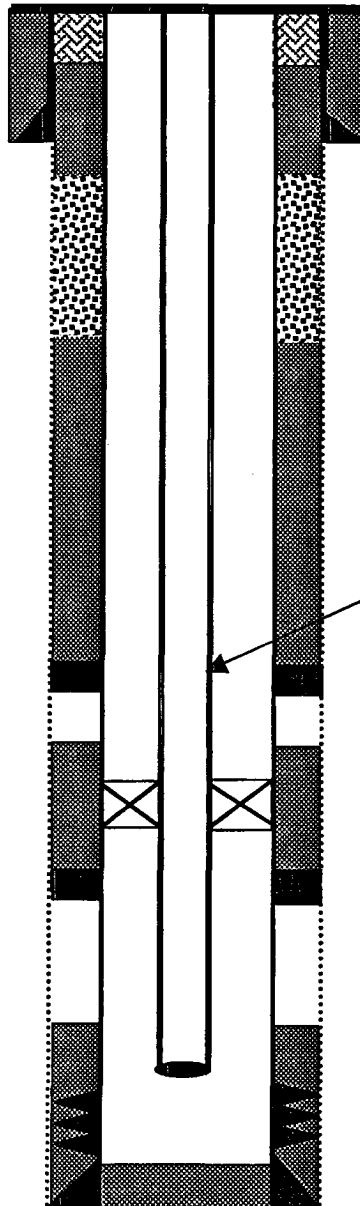
Pictured Cliffs @ 1375'

Mesaverde @ 3030'

Gallup @ 5197'

Dakota @ 6100'

7-7/8" Hole



TOC @ 75' (T.S.)

9-5/8" 32.3# H-40 Casing set @ 205'
Cement with 225 cf

WELL HISTORY

Jun '88: Set CR at 6041', land tubing in CR.

Jul '89: Squeeze casing leak at 366' with 60 sxs, circulate out BH. DO, no PT. Re-squeeze with 150 sxs, PT. Land tubing in retainer.

Apr '97: Found casing leak at 410', squeeze with total 475 sxs. Casing still had slow leak, BLM approved setting packer for producing. Drill out CR at 6041' and CO well. Set packer at 3330' and land tubing at 6209'.

2-3/8" Tubing set at 6209'
With Model R packer at 3330'

DV Tool @ 1551'
Cement with 582 cf

TOC @ 2910' (Calc, 75%)

Model R packer set at 3330' (1997)

DV Tool @ 4275'
Cement with 414 cf

TOC @ 5260' (Calc 75%)

Dakota Perforations:
6106' - 6208'

4-1/2" 10.2# J-55 Casing set @ 6301'
Cement with 315 cf

TD 6301'
PBTD 6285'

Pinon Mesa B #1

Proposed P&A

Basin Dakota / AIN #4509801

1840' FSL & 1060' FWL, Section 25, T-31-N, R-14-W, San Juan County, NM

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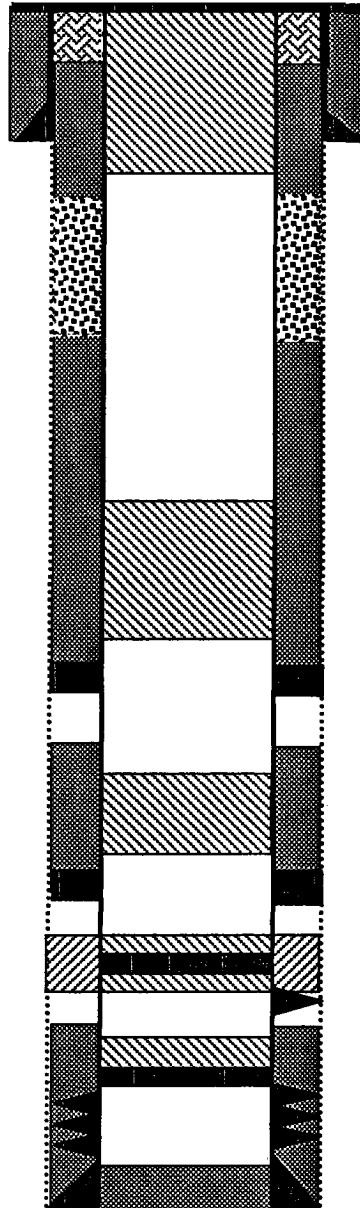
Mesaverde @ 3030'

Gallup @ 5197'

Dakota @ 6100'

13-3/4" hole

7-7/8" Hole



TD 6301'
PBTD 6285'

TOC @ 75' (T.S.)

9-5/8" 32.3# H-40 Casing set @ 205'
Cement with 225 cf

Plug #5: 255' – Surface
Type III cement, 20 sxs

Plug #4: 1425' – 945'
Type III cement, 36 sxs

DV Tool @ 1551'
Cement with 582 cf

TOC @ 2910' (Calc, 75%)

Plug #3: 3080' – 2980'
Type III cement, 11 sxs

DV Tool @ 4275'
Cement with 414 cf

Cmt Retainer @ 5197'
Perforate @ 5247'

Plug #2: 5247' – 5147'
Type III cement, 46 sxs,
35 outside and 11 inside.

TOC @ 5260' (Calc 75%)

Set CR @ 6056'

Plug #1: 6056' – 5956'
Type III cement, 11 sxs

Dakota Perforations:
6106' – 6208'

4-1/2" 10.2# J-55 Casing set @ 6301'
Cement with 315 cf

Burlington Resources Oil and Gas Company
Tribal Lease: MOO-C-1420-0625
Well: Pinon Mesa B #1
1840' FSL & 1060' FWL
Sec. 25, T. 31 N., R. 14 W.
San Juan County, New Mexico

3160

This approval is for the completion of the downhole plugging portion of the well only. Surface reclamation must be completed, weed free vegetation established, and site accepted by the BIA prior to closure and bond release.

The Bureau of Land Management, SJPLC (970.385.1370) shall be notified at least 48 hours prior to commencement of surface reclamation. The BIA (970.565-6094) shall be contacted prior to surface reclamation procedures for specific requirements and seed mixtures.

- The pits and boreholes shall be filled, access road restored, surface re-contoured to blend with surrounding terrain, top soil evenly redistributed.
- Well equipment, dead-men, concrete slabs, cables, piping and trash shall be removed, slash piles chipped and scattered.
- The site shall require weed control, soil preparation and reseeding with a BIA approved seed mix and shall be monitored for 70% growth.

According to the regulations in 43 CFR 3162.3-4, a well site is to be reclaimed and re-vegetated directly following plugging. The BLM-SJRA stipulates that **surface reclamation** be completed within 180 days of final plugging operation completion. When re-vegetation has subsequently been re-established, BLM shall be notified by the operator with a Final Abandonment Notice. A field inspection will then be arranged between the SUIT/UMU Tribe, the BLM and the respective BIA agency, so that the well pad can be inspected for release from bond liability.

Conditions of Approval - Notice of Intent to Abandon

1. Notify this office and Gordon Hammond (UMU Tribe @ 970-564-5690) at least **72 hours** prior to commencing plugging operations.
2. Materials used will be accurately measured.
3. A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations. All unattended pits are to be fenced.
4. Pits are not to be used for disposal of any unauthorized materials.

5. All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

5a. Cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100 ft. of the casing or annular void(s) between casings, plus 10% excess volume per 1000 ft. of depth.

5b. Surface plugs must be a minimum of 50 ft. within casing and annular voids.

5c. Cement plugs placed to fill an open hole shall have sufficient volume to fill a minimum of 100 ft. of open hole, plus 10% excess volume per 1000 ft. of depth.

5d. The volume of Plug #5 (Surface plug) must be increased. The plug shall be of a sufficient volume to fill the casing from 460' to the surface. The additional volume will ensure coverage across two squeeze perforations and to cover the annular area that was the subject of the two squeeze cement jobs.

6. The well must be filled with a wellbore fluid sufficient to stabilize the wellbore. In the absence of any formation pressure data provided by the operator, this fluid will have a minimum weight of **9 ppg**. The fluid must be left between all plugs.

7. A blowout preventer and related equipment shall be installed and tested prior to working in a wellbore with any exposed zones (a) that are overpressured, (b) where pressures are unknown, or (c) known to contain H₂S.

8. Within 30 days after plugging of the well, file 4 copies of a Subsequent Report of Abandonment (SRA) via Sundry Notice. This report should include the following information:

- a. Date(s) of plugging operations.
- b. Procedure used to plug the well.
- c. Depth of plugs.
- d. Type and volume of plugs set.
- e. Casing types/lengths left in the well.