

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2004 JUN 17 PM 2 06

5. Lease Number
NMSF-080117

6. If Indian, All. or
Tribe Name

RECEIVED

070 FARMINGTON, NM

Unit Agreement Name

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

1850' FNL, 1500' FEL, Sec. 34, T-27-N, R-9-W, NMPL

8.

Huerfanito Unit

Well Name & Number

Huerfanito Unit #74

9.

API Well No.

30-045-06148

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

REVISED

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

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

Signed Nancy Altman Title Senior Staff Specialist Date 6/17/04

(This space for official use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date JUN 17 2004

Huerfanito #74 -- Dakota PLUG AND ABANDONMENT PROCEDURE

1850' FNL & 1500' FEL
NE, Section 34, T027N, R009W
Latitude: N36°32.028', Longitude: W107° 46.326'
AIN: 3004001
6/17/2004

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 14.5 ppg with a 1.39 cf/sx yield.**

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, 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. Prepare a 2-3/8" tubing workstring. TIH with tubing to 6600' or as deep as possible (tag fill).
Note: Casing is in poor condition from 4588' to 4881'.
3. **Plug #1 (Dakota perforations, 6600' - 6400')**: Pump casing capacity to attempt to establish circulation with water. Mix 17 sxs Type III cement and spot a balanced plug to isolate the Dakota perforations and top. PUH and WOC. TIH and tag cement. PUH to 5795'.
4. **Plug #2 (Gallup top, 5795' - 5695')**: Mix 15 sxs Type III cement and spot a balanced plug inside casing to cover the Gallup top. PUH and WOC. TIH and tag cement. TOH with tubing.
5. **Plug #3 (Mesaverde top, 3848' - 3748')**: Round-trip a 4-1/2" wireline gauge ring or casing scraper to 3900'. RIH and set 4-1/2" wireline CIBP at 3870' (to cover the bad casing interval). Attempt to pressure test the 4-1/2" casing to 500#. Perforate 3 squeeze holes at 3848'. Attempt to establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 3798'. Establish rate into squeeze holes. Mix and pump 56 sxs Type III cement, squeeze 43 sxs outside the casing and leave 13 sxs inside casing. TOH with tubing.
6. **Plug #4 (Chacra top, 3220' - 3120')**: Perforate 3 squeeze holes at 3220'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4-1/2" cement retainer at 3170'. Establish rate into squeeze holes. Mix and pump 43 sxs Type III cement, squeeze 33 sxs outside the casing and leave 10 sxs inside casing. PUH to 2310'.
7. **Plug #5 (Pictured Cliffs and Fruitland tops, 2310' - 1910')**: Mix 31 sxs Type III cement and spot a balanced plug inside casing to cover through the Fruitland top. PUH to 1580'.
8. **Plug #6 (Kirtland and Ojo Alamo tops, 1582' - 1305')**: Mix 21 sxs Type III cement and spot a balanced plug inside casing to cover through the Ojo Alamo tops. TOH and LD tubing.

9. **Plug #7 (8-5/8" Surface casing, 388' - Surface):** Perforate 3 squeeze holes at 388'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 120 sxs Type III cement down the 4-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
10. 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

Approved:


Drilling

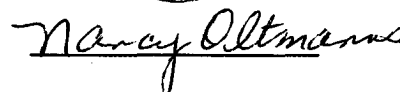
Engineer: Julian Carrillo

Office - (599-4062)
Cell - (320-0321)

Sundry Required:

☒ YES ☐ NO

Approved:



Lease Operator: Dennis Jacquez
Specialist: Johnny Cole
Foreman: Joel Lee

Cell: 320-2554 Pager: 327-8395
Cell: 320-2521 Pager: 326-8349
Cell: 320-2490 Pager: 326-8697

Huerfanito #74

Proposed P&A

Basin Dakota / AIN #3004001

NE, Section 34, T-27-N, R-9-W, San Juan County, NM
Long: N: 36°32.028 / Lat: 107°46.326, API #30-045-06148

Today's Date: 06/14/04

Spud: 3/12/63

Completed: 2/17/71

Elevation: 6433' GL
6443' KB

12-1/2" hole

TOC @ 929' (Calc 75%)

Ojo Alamo @ 1355'

Kirtland @ 1530'

Fruitland @ 1960'

Pictured Cliffs @ 2260'

Chacra @ 3170'

Mesaverde @ 3798'

Gallup @ 5745'

Dakota @ 6642'

7-7/8" Hole

TD 6923'
PBSD 6886'

8-5/8" 24# J-55 Casing set @ 338'
Cement with 250 sxs (Circulated to Surface)

Plug #7: 388' – Surface
Type III Cement, 120 sxs

Plug #6: 1580' – 1305'
Type III Cement, 21 sxs

Plug #5: 2310' – 1910'
Type III Cement, 31 sxs

DV Tool @ 2412'
Cmt with 246 sxs (451 cf)

Plug #4: 3220' – 3120'
Type III Cement, 43 sxs
10 sxs inside and 33 outside

Cmt Ret @ 3170'
Perforate @ 3220'

Cmt Ret @ 3798'
Perforate @ 3848'
Set CIBP @ 3870'

Plug #3: 3900' – 3748'
Type III Cement, 56 sxs
13 sxs inside and 43 outside
(excess due to bad casing)

TOC @ 4077' (Calc 75%)

DV Tool @ 4946'
Cmt with 144 sxs (264 cf)
TOC @ DV Tool (Calc 75%)

Plug #2: 5795' – 5695'
Type III Cement, 15 sxs

Plug #1: 6600' – 6400'
Type III Cement, 17 sxs
(14.5 ppg & 1.39 cf/sx)

Fill from 6800' to 6915'

Dakota Perforations:
6646' – 6878'

4-1/2" 10.5#&9.5# J-55 Casing set @ 6915'
Cement with 600 sxs (1056 cf)

Huerfanito #74

Current

Basin Dakota / AIN #3004001

NE, Section 34, T-27-N, R-9-W, San Juan County, NM
Long: N: 36°32.028 / Lat: 107°46.326, API #30-045-06148

Today's Date: 06/14/04

Spud: 3/12/63

Completed: 2/17/71

Elevation: 6433' GL
6443' KB

12-1/2" hole

TOC @ 929' (Calc 75%)

Ojo Alamo @ 1355'

Kirtland @ 1530'

Fruitland @ 1960'

Pictured Cliffs @ 2260'

Chacra @ 3170'

Mesaverde @ 3798'

Gallup @ 5745'

Dakota @ 6642'

7-7/8" Hole

TD 6923'
PBTD 6886'

8-5/8" 24# J-55 Casing set @ 338'
Cement with 250 sxs (Circulated to Surface)

WELL HISTORY

Sep '96: Tubing Repair: Tag fill at 6794'; pull tubing. Spot 630 gals acid, blow clean.

Jun '01: Workover: Tag fill, blow and CO. Spot 1500 gals 28% acid, bow out spent acid. Well making sand, blow 2 days. Pull tubing. LD 2-1/16" and run 2-3/8" tubing. TIH with tapered and string mill, tight at 4588'. Mill from 4587' to 4620' - tubing stuck. Chem. cut tubing at 4570', fish out mills and tubing. Continue to mill from 4735' to 4779', returns metal and formation. Milled to 4881', then ran open ended tubing to 6500'. Ran camera in well, picture not clear. Determined casing to be bad and that mill had gone outside casing. TOH and LD tubing.

DV Tool @ 2412'
Cement with 246 sxs (451 cf)

TOC @ 4077' (Calc 75%)

DV Tool @ 4946'
Cement with 144 sxs (264 cf)

TOC @ DV Tool (Calc 75%)

Fill from 6800' to 6915'

Dakota Perforations:
6646' - 6878'

4-1/2" 10.5#&9.5# J-55 Casing set @ 6915'
Cement with 600 sxs (1056 cf)