

submitted in lieu of Form 3160-5

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
3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700
4. Location of Well, Footage, Sec., T, R, M
1450' FN, 990' FWL, Sec. 9, T-32-N, R-9-W, NMPM
5. Lease Number
SF-080376
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 32-9 Unit
8. Well Name & Number
San Juan 32-9 U #113
9. API Well No.
30-045-28987
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

Type of Action

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input checked="" type="checkbox"/> 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.

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

Signed [Signature] Title Regulatory Administrator Date 10/20/99
trc

(This space for Federal or State Office use)

APPROVED BY S/ Joe Hewitt Title Assistant Director Date 10/20/99

CONDITION OF APPROVAL, if any:

San Juan 32-9 Unit #113

Basin Dakota

1450' FNL and 990' FWL, Section 9, T-31-N, R-9-W

Latitude/Longitude: 36° 54.9436' / 107° 47.4454'

AIN: 3816901

San Juan Co., NM

PLUG AND ABANDONMENT PROCEDURE

10-18-99

Note: All cement volumes use 100% excess outside 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 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 261 joints 2-3/8" EUE tubing, 8173', visually inspect tubing. If necessary LD and PU workstring. Round-trip 4-1/2" gauge ring or casing scraper to 7990', or as deep as possible.
3. **Plug #1 (Dakota perforation, 7" casing shoe and 4-1/2" liner top, 7990' - 7568')**: Set 4-1/2" wireline CIBP at 7990'. TIH with open-ended tubing to 7990'. Load casing with water and pressure test to 500#. If casing does not test, then spot or tag subsequent plug as necessary. Mix 47 sacks Class B cement and spot a balanced plug above the CIBP to isolate Dakota perforations and cover then 4-1/2" liner top. PUH to 7187'.
4. **Plug #2 (Gallup top, 7187' - 7087')**: Mix 28 sxs Class B cement and spot a balanced plug inside casing over Gallup top. PUH to 5470'.
5. **Plug #3 (Mesaverde top, 5470' - 5370')**: Mix 28 sxs Class B cement and spot a balanced plug inside casing over Mesaverde top. PUH to 3917'.
6. **Plug #4 (9-5/8" Casing Shoe, 3917' - 3817')**: Mix 28 sxs Class B cement and spot a balanced plug inside 7" casing to cover 9-5/8" casing shoe. TOOH with tubing.
7. Perforate 3 HSC holes at 3618'. Establish circulation to surface out 7" x 9-5/8" intermediate casing valve. ND tubing head and weld 7" slip on collar on casing. Determine casing free point by stretch. Jet cut 7" casing at 3568' if free point is below. Otherwise, contact Operations Engineer to modify plug depths. NU 11" BOP with 7" rams. RU casing crew and handling tools. TOOH and LD 7" casing. Change BOP rams to 2-3/8". TIH with tubing to 3618'.
8. **Plug #5 (Pictured Cliffs top and casing stub, 3668' - 3518')**: Mix 74 sxs Class B cement, and spot a balance plug inside 7" casing stub to cover PC top. PUH to 3236'.
9. **Plug #6 (Fruitland top, 3236' - 3136')**: Mix 55 sxs Class B cement and spot a balance plug in the 9-5/8" casing to cover the Fruitland top. PUH to 2380'.
10. **Plug #7 (Kirtland and Ojo Alamo top, 2380' - 2204')**: Mix 83 sxs Class B cement and spot a balanced plug inside 9-5/8" casing to cover the Ojo Alamo top. TOOH with tubing.
11. **Plug #8 (Nacimiento top, 700' - 600' and 13-3/8" Casing shoe at 421')**: Perforate 6 squeeze holes at 700'. Establish rate into squeeze holes. Set 9-5/8" cement retainer at 650'. Establish rate into squeeze holes. Mix 230 sxs Class B cement, squeeze 175 sxs cement outside 9-5/8"

casing from 700' to 371' then spot 55 inside 9-5/8" casing from 700' to 600' inside 9-5/8" casing to cover Nacimiento top and 13-3/8" casing shoe. PUH to 471'.

12. **Plug #9 (13-3/8" casing shoe at 421', 471' - 371')**: Mix 55 sxs Class B cement and spot a balanced inside the 9-5/8" casing to cover 13-3/8" casing shoe. TOOH and LD tubing.
13. **Plug #10 (Surface)**: Perforate 3 squeeze holes at 50'. Establish circulation out bradenhead valve. Mix approximately 33 sxs Class B cement and pump down 9-5/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
14. ND BOP and cut below surface casing. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors, and restore location.

Recommended: M.E. Rutter
Operations Engineer

Approval: Bruce D. Boyer 10-19-99
Production Superintendent

San Juan 32-9 Unit #113

Current

NW, Section 9, T-31-N, R-9-W, San Juan County, NM

Basin Dakota

Latitude/Longitude: 36° 54.9436' / 107° 47.4454'

Today's Date: 10/8/99

Spud: 10/3/93

Completed: 1/13/94

Elevation: 6706' GR

Nacimiento @ 650'

Ojo Alamo @ 2254'

Kirtland @ 2330'

Fruitland @ 3186'

Pictured Cliffs @ 3568'

Mesaverde @ 5420'

Gallup @ 7137'

Dakota @ 7970'

17-1/2" Hole

12-1/4" Hole

8-3/4" Hole

6-1/4" Hole

PBTD 8330'

TD 8408'

13-3/8" 61#, K-55 Casing set @ 421'
Cmt w/ 450 sxs (Circulated to Surface)

TOC @ 1601' (Calc, 75%)

DV Tool @ 3068'
Cmt w/800 sxs

TOC @ 3750' (CBL)

9-5/8" 36#, J-55 Casing set @ 3867'
Cmt with 620 sxs

DV Tool @ 4916'
Cmt w/225 sxs

2-3/8" Tubing set at 8173'
(261 joints, EUE)

Liner top at 7618'

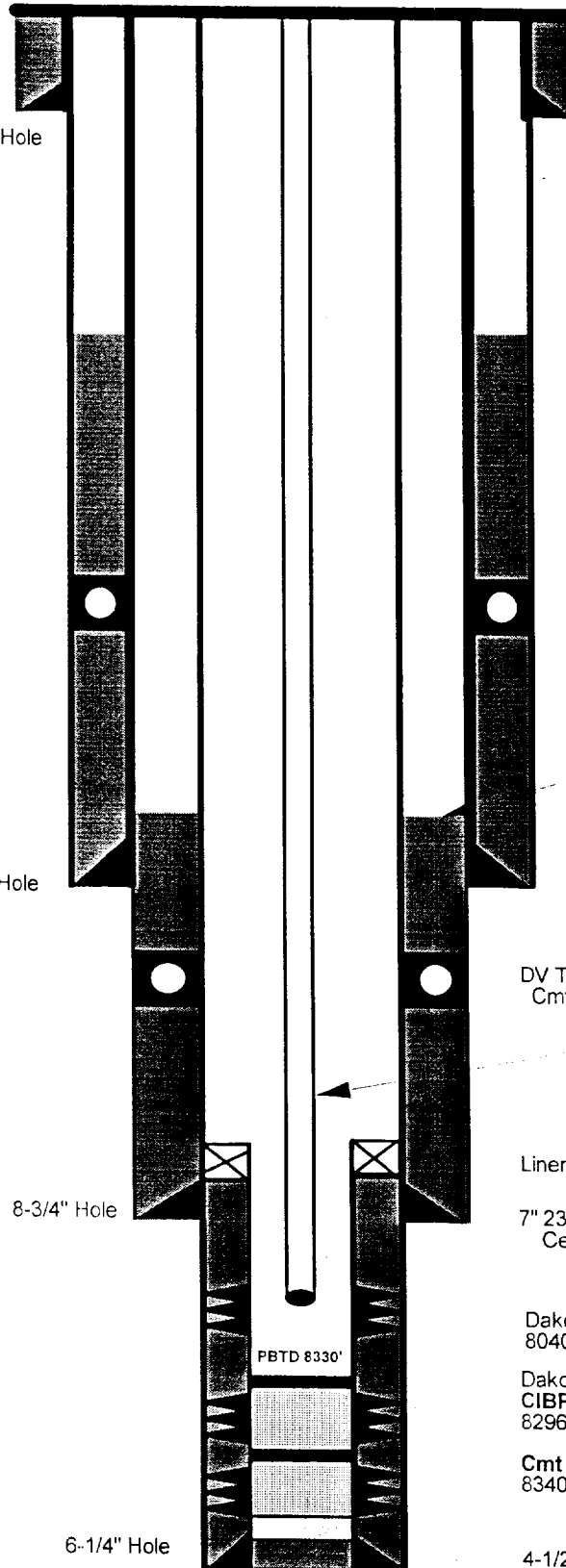
7" 23#, J55 Casing set @ 7827'
Cemented with 335 sxs

Dakota Perforations:
8040' - 8242'

Dakota Perforations:
CIBP @ 8280'
8296' - 8306' Sqz'd w/100 sxs (11/93)

Cmt Retainer @ 8330'
8340' - 8350' Sqz'd w/20 sxs cement (11/93)

4-1/2" 11.6# N-80 Casing Liner at 8408'
Cemented with 125 sxs



San Juan 32-9 Unit #113

Proposed P&A

NW, Section 9, T-31-N, R-9-W, San Juan County, NM

Basin Dakota

Latitude/Longitude: 36° 54.9436' / 107° 47.4454'

Today's Date: 10/19/99

Spud: 10/3/93

Completed: 1/13/94

Elevation: 6706' GR

17-1/2" Hole

Nacimiento @ 650'

Ojo Alamo @ 2254'

Kirtland @ 2330'

Fruitland @ 3186'

Pictured Cliffs @ 3568'

12-1/4" Hole

Mesaverde @ 5420'

Gallup @ 7137'

8-3/4" Hole

Dakota @ 7970'

6-1/4" Hole

TD 8408'

Plug #10 50' - Surface
Cmt with 33 sxs Class B

Perforate @ 50'

13-3/8" 61#, K-55 Casing set @ 421'
Cmt w/ 450 sxs (Circulated to Surface)

Plug #9 471' - 371'
Cmt with 55 sxs Class B,
(inside 9-5/8" casing)

Plug #8 700' - 371'
Cmt with 230 sxs Class B,
175 sxs outside 9-5/8" casing
from 700' to 371' and
55 sxs inside 9-5/8" casing
from 700' to 600'.

Perforate @ 700'

TOC @ 1601'
(Calc, 75%)

Plug #7 2380' - 2204'
Cmt with 83 sxs Class B

Perforate @ 2380'

DV Tool @ 3068'
Cmt w/800 sxs

Plug #6 3236' - 3136'
Cmt with 55 sxs Class B

Cut Casing @ 3618'

Plug #5 3668' - 3518'
Cmt with 74 sxs Class B

Perforate @ 3618'

TOC @ 3750' (CBL)

Plug #4 3917' - 3817'
Cmt with 28 sxs Class B

9-5/8" 36#, J-55 Casing set @ 3867'
Cmt with 620 sxs

DV Tool @ 4916'
Cmt w/225 sxs

Plug #3 5470' - 5370'
Cmt with 28 sxs Class B

Plug #2 7187' - 7087'
Cmt with 28 sxs Class B

Liner top at 7618'

Plug #1 7990' - 7568'
Cmt with 47 sxs Class B

7" 23#, J55 Casing set @ 7827'
Cemented with 335 sxs

Set CIBP @ 7990'

Dakota Perforations:
8040' - 8242'

Dakota Perforations:
CIBP @ 8280'
8296' - 8306' Sqz'd w/100 sxs (11/93)

Cmt Retainer @ 8330'
8340' - 8350' Sqz'd w/20 sxs cement (11/93)

4-1/2" 11.6# N-80 Casing Liner at 8408'
Cemented with 125 sxs

PBTD 8330'