

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator BURLINGTON RESOURCES</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 1840' FNL, 1650' FEL, Sec. 36, T-27-N, R-6-W</p>	<p>API # (assigned by OCD) 30-038³⁹-20116</p> <p>5. Lease Number</p> <p>6. State Oil&Gas Lease # E-290-28</p> <p>7. Lease Name/Unit Name Johnston A</p> <p>8. Well No. 13</p> <p>9. Pool Name or Wildcat Basin Dakota</p> <p>10. Elevation:</p>
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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 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.

RECEIVED
DEC 3 1 1997
OIL CON. DIV.
DIST. 3

SIGNATURE *John Bradfield* (KLM3) Regulatory Affairs December 30, 1997

(This space for State Use)

Approved by *Johnny Robinson* DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date DEC 3 1 1997

* PTA prior to 12-30-98

NOTIFY AZTEC OCD
IN TIME TO WITNESS PTA

Johnston A #13

Basin Dakota

1840' FNL and 1650' FEL / NE, Section 36, T-27-N, R-6-W
Rio Arriba Co., New Mexico

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 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. Record casing and tubing pressures. Blow down casing and observe tubing pressure. Pump 40 bbls water down tubing into Dakota perforations. If tubing does not leak, then sting out of CR and set plug #1. If tubing not good then, TOH and tally 232 jts 2-3/8" tubing (7302'); visually inspect the tubing. Replace bad tubing as necessary then TIH to 7302'.
3. **Plug #1 (Dakota perforations and top, 7302' - 7202')**: With tubing at 7302'. Load well with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 12 sxs Class B cement and spot a balanced plug above the CR to isolate the Dakota. TOH with tubing.
4. **Plug #2 (Gallup top, 6418' - 6318')**: Perforate 3 HSC squeeze holes at 6418'. Set 4-1/2" cement retainer at 6368'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs cement outside casing and leave 12 sxs cement inside casing to cover Gallup top. TOH to 4970'.
5. **Plug #3 (Mesaverde top, 4970' - 4870')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. TOH to 3260'.
6. **Plug #4 (Pictured Cliffs & Fruitland tops, 3260' - 2940')**: Mix 28 sxs Class B cement and spot a balanced plug inside casing to cover Fruitland top. TOH with tubing.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 2785' - 2590')**: Perforate 3 HSC squeeze holes at 2785'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 2735'. Establish rate into squeeze holes. Mix 94 sxs Class B cement, squeeze 75 sxs cement outside casing and leave 19 sxs inside casing to cover Ojo Alamo top. TOH with tubing.
8. **Plug #6 (Nacimiento top, 1605' - 1505')**: Perforate 3 HSC squeeze holes at 1605'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 1605'. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs cement outside casing and leave 12 sxs inside casing to cover Nacimeinto top. TOH and LD tubing.
9. **Plug #7 (8-5/8" Surface casing at 203')**: Perforate 3 HSC squeeze holes at 253'. Establish circulation out bradenhead. Mix and pump approximately 75 sxs Class B cement down 4-1/2" casing from 253' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.

10. 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:

XF Muddhoff 12/19/97
Operations Engineer

Approval:

Drilling Superintendent

Johnston A #13

Current

DPNO 51742A

Basin Dakota

NE Section 36, T-27-N, R-6-W, Rio Arriba County, NM

Lat/Long: 36°31.99", 107°24.90"

Today's Date: 12/18/97

Spud: 7/8/68

Completed: 8/27/68

Elevation: 6599' (GL)

Logs: IEL, FDC-GR, T.S.

Workovers: Aug '83

Nacimiento @ 1555'

Ojo Alamo @ 2640'

Kirtland @ 2790'

Fruitland @ 2990'

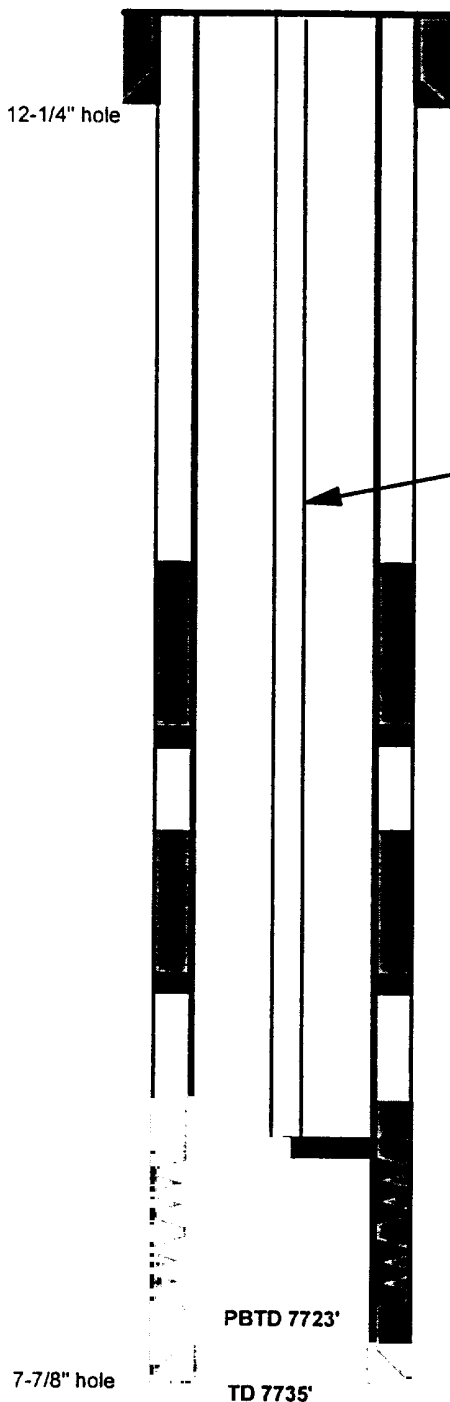
Pictured Cliffs @ 3210'

Mesaverde @ 4920'

Gallup @ 6368'

Graneros @ 7392'

Dakota @ 7502'



8-5/8" 24# J-55 Csg set @ 203'
195 sxs cement (Circulated to Surface)

WORKOVER HISTORY

Aug '83: Set CR @ 7302' to isolate casing leak; land 232 joints 2-3/8" tubing with stinger in CR.

'83 & 84': Swab well 4 times, some gas.

2-3/8" Tubing set at 7302'
(232 jts, 4.5#, EUE)

TOC @ 2795' (T.S.)

DV Tool @ 3406'
Cmt w/ 145 sxs

TOC @ 4844' (Calc, 75%)

DV Tool @ 5710'
Cmt w/ 145 sxs (263 cf)

TOC @ 6533' (Calc, 75%)

Cmt Retainer @ 7302', Set in 1983

Dakota Perforations:
7424' - 7460'

7508' - 7660'

4-1/2" 11.6/10.5#, J-55 Csg set @ 7735'
Cmt with 290 sxs (365 cf)

Johnston A #13

Proposed P&A

DPNO 51742A

Basin Dakota

NE Section 36, T-27-N, R-6-W, Rio Arriba County, NM

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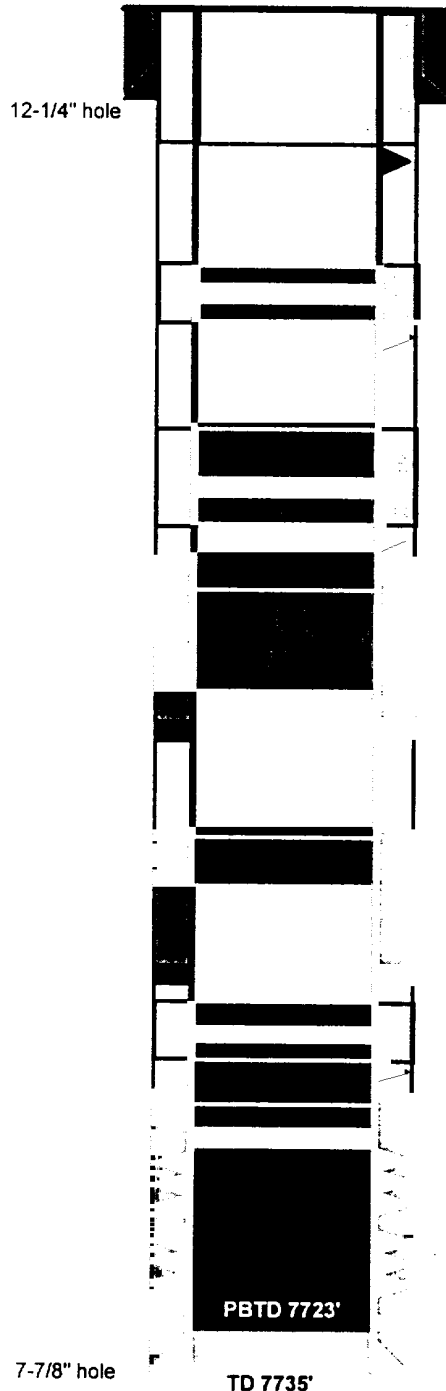
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Mesaverde @ 4920'

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Graneros @ 7392'

Dakota @ 7502'



8-5/8" 24# J-55 Csg set @ 203'
195 sxs cement (Circulated to Surface)

Perforate @ 253'

Plug #7 253' - Surface
Cmt with 75 sxs Class B

Cmt Retainer @ 1555'

Perforate @ 1605'

Plug #6 1605' - 1505'
Cmt with 51 sxs Class B,
39 sxs outside casing
and 12 sxs inside.

Cmt Retainer @ 2735'

Perforate @ 2785'

TOC @ 2795' (T.S.)

Plug #5 2785' - 2590'
Cmt with 94 sxs Class B,
75 sxs outside casing
and 19 sxs inside.

Plug #4 3260' - 2940'
Cmt with 28 sxs Class B

DV Tool @ 3406'
Cmt w/ 145 sxs

Plug #3 4970' - 4870'
Cmt with 12 sxs Class B

TOC @ 4844' (Calc, 75%)

DV Tool @ 5710'
Cmt w/ 145 sxs (263 cf)

Cmt Retainer @ 6368'

Perforate @ 6418'

TOC @ 6533' (Calc, 75%)

Cmt Retainer @ 7302' (1983)

Dakota Perforations:
7424' - 7460'

Plug #1 7302' - 7202'
Cmt with 12 sxs Class B

7508' - 7660'

4-1/2" 11.6/10.5# J-55 Csg set @ 7735'
Cmt with 290 sxs (365 cf)