

Office

Energy, Minerals and Natural Resources

June 19, 2008

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-21813

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

Dusenberry

8. Well Number

2A

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesaverde

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

Oil Well ☐Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP

3. Address of Operator

PO Box 4298, Farmington, NM 87499

4. Well Location

Unit Letter G : 1620 feet from the North line and 1590 feet from the East line  
Section 1 Township 31N Range 12W NMPM San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6336'

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐DOWNHOLE COMMINGLE ☐PLUG AND ABANDON ☒CHANGE PLANS ☐MULTIPLE COMPL ☐OTHER ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources wishes to P&amp;A this well per the attached procedures and well bore schematic.

Notify NMOCD 24 hrs  
prior to beginning  
operationsRCVD JAN 29 '10  
OIL CONS. DIV.  
DIST. 3

SPUD DATE:

6/10/1975

RIG RELEASE DATE:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Staff Regulatory Technician

DATE

1/28/2010

Type or print name

Rhonda Rogers

E-mail address:

rrogers@conocophillips.com

PHONE:

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,  
District #3

DATE

2/23/10

Conditions of Approval (if any):

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 <b>BURLINGTON RESOURCES</b> OIL &amp; GAS COMPANY</p> <hr/> <p>3. Address &amp; 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 1620' FNL, 1590' FEL, Sec.1, T-31-N, R-12-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-21813</p> <p>5. Lease Number Fee</p> <p>6. State Oil&amp;Gas Lease #</p> <p>7. Lease Name/Unit Name Dusenberry</p> <p>8. Well No. 2A</p> <p>9. Pool Name or Wildcat Blanco Mesaverde</p> <p>10. Elevation:</p>
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Type of Submission	Type of Action
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other - Tubing repair
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

3-16-01 MIRU. SDON.  
3-19-01 ND WH. NU BOP. TOOH w/1-1/2" tbg. SDON.  
3-20-01 TIH w/166 jts 2-3/8" 4.7# J-55 tbg, set @ 5224'. SN @ 5192'. ND BOP.  
NU WH. RD. Rig released.



SIGNATURE *[Signature]* Regulatory Supervisor March 22, 2001

(This space for State Use) TLW

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

DEPUTY OIL & GAS SUPERVISOR

## PLUG AND ABANDONMENT PROCEDURE

January 19, 2010

### Dusenberry #2A

Blanco Mesaverde

1620' FNL & 1590' FEL, Section 1, T31N, R12W, San Juan County, New Mexico

API 30-045-21813/ Lat: 36°55' 48.18" N Long: 108°2'37.104" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_;  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 2.375", Length 5197';  
Packer: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_, Type \_\_\_\_\_  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

NOTE: Ran Casing Inspection Log on 12/30/09. Unable to get packer or CR past bad casing at 360'.

4. **Plug #1 Mesaverde perforations and top, 5310' – 4566')**: RIH with open ended tubing to 5310'. Circulate well clean. Mix 100 and pump sxs Class B cement. Pull up to 3000' and pump 100 bbls of water down tubing for hydrostatic pressure to squeeze cement into Mesaverde perforations and squeeze holes to cover the Mesaverde top. PUH and WOC. TIH and tag cement at 4566' or higher. Top off cement if necessary. TOH with tubing.
5. **Plug #2 (Chacra top, 4080' - 3980')**: Perforate 3 squeeze holes at 4080'. Spot 70 sxs Class B cement from 4080' to 3980'. Pull up to 2000'. Pump 50 bbls of water down tubing for hydrostatic pressure to push cement into squeeze holes. PUH and WOC. TIH and tag cement at 3980' or higher. Top off cement if necessary. PUH.
6. **Plug #3 (Pictured Cliffs and Fruitland tops, 2819' – 2313')**: Spot 43 sxs Class B cement inside casing to cover the Pictured Cliffs and Fruitland tops. PUH.
7. **Plug #4 (Kirtland and Ojo Alamo tops, 1011' – 863')**: Spot 16 sxs Class B cement inside casing to cover the Kirtland and Ojo Alamo tops. TOH.

8. **Plug #5 (8.625" Surface Casing shoe, 487' to Surface):** Perforate 3 HSC squeeze holes at 100' and attempt to circulate to surface out the bradenhead valve. TIH to 487' and fill inside 4.5" casing from 487' to surface with approximately 75 sxs Class B cement. TOH and push cement down casing to circulate out bradenhead. TOH and WOC.
- 9 ND BOP and cut off casing below surface casing flange. Top off cement if not at surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

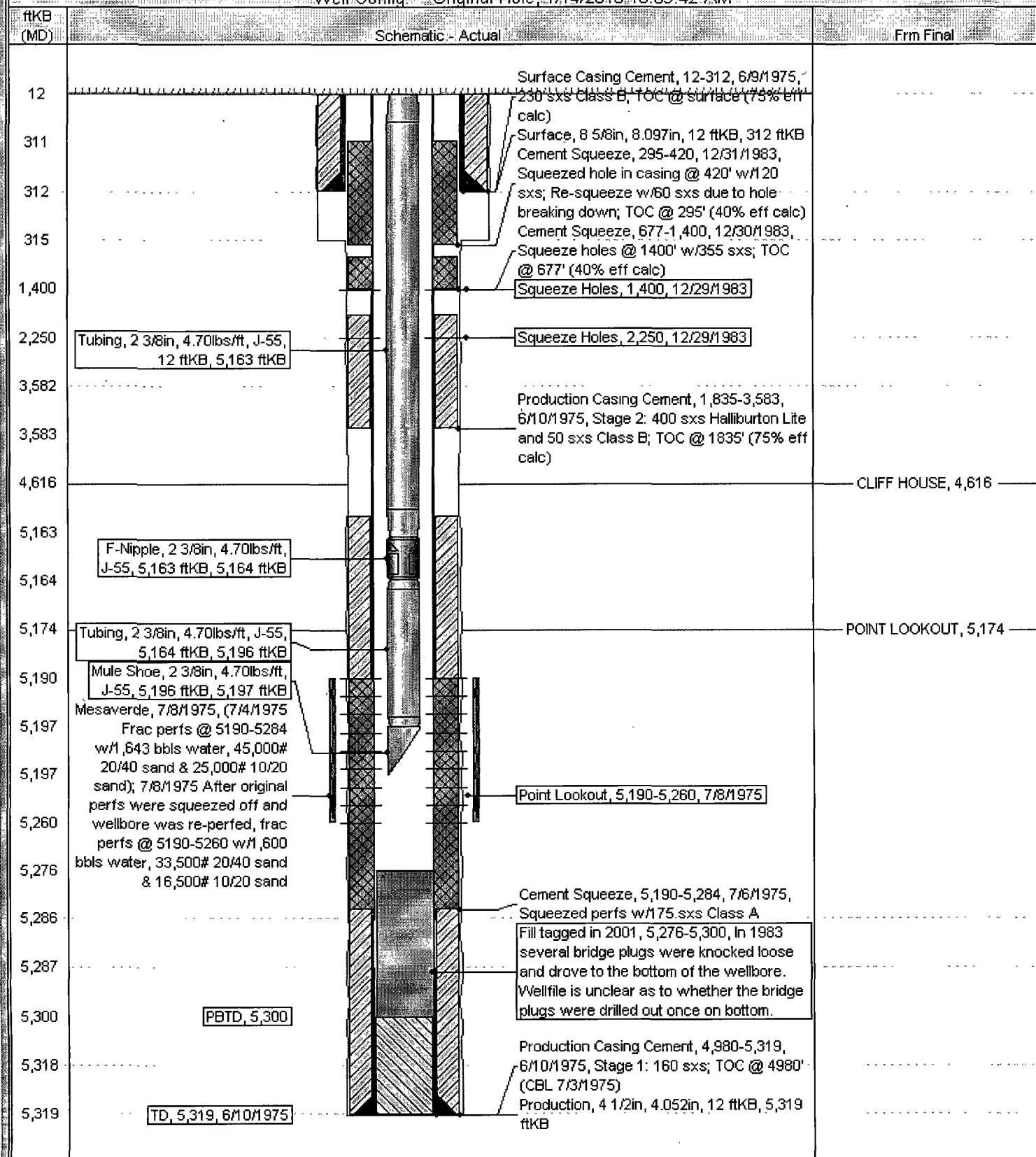
# Current Schematic

ConocoPhillips

Well Name: DUSENBERRY #2A

API/UVI# 3004521813	Surface Legal Location NMPM,001-031N-012W	Field Name BLANCO MESAVERDE (PROPOSED)	License No.	State/Province NEW MEXICO	Well Configuration Type <a href="#">Edit</a>
Ground Elevation (ft) 6,336.00	Original KB/RT Elevation (ft) 6,348.00	KB-Grout Distance (ft) 12.00	KB-Casing Flange Distance (ft) 6,348.00	KB-Tubing Hanger Distance (ft) 6,348.00	

Well Config: - Original Hole, 1/14/2010 10:09:42 AM



# Dusenberry #2A

## Current

### Blanco Mesaverde

1620' FNL, 1590' FEL, Section 1, T-31-N, R-12-W, San Juan County, NM

Lat: 36°55'48.18"N / Long: 108°2'37.104"W API #30-045-21813

Today's Date: 1/19/10

Spud. 6/10/75

Completion: 7/10/75

Elevation: 6336' GL  
6348' KB

12.25" hole

Ojo Alamo @ 913' \*est

Kirtland @ 961' \*est

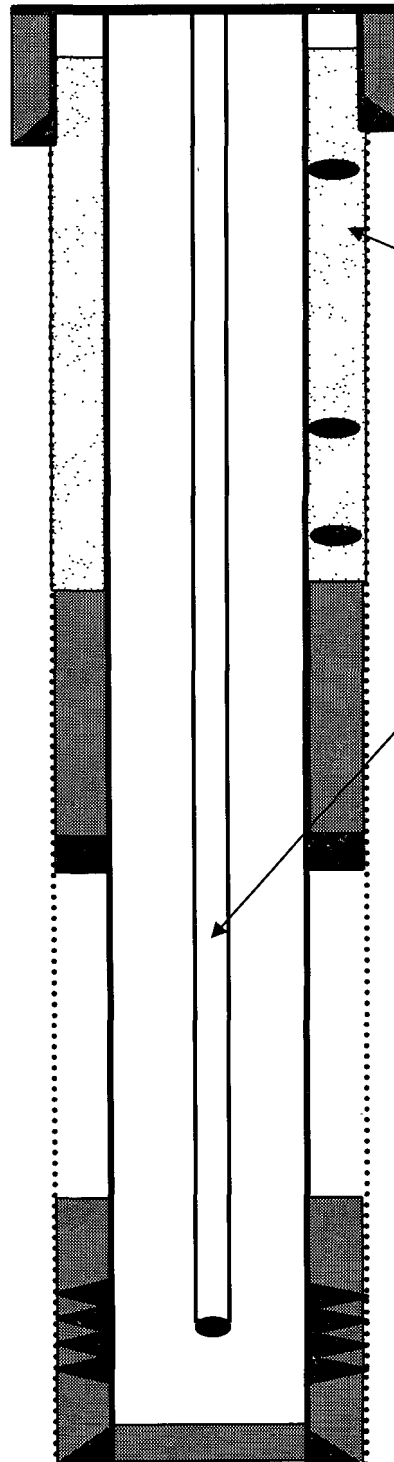
Fruitland @ 2363' \*est

Pictured Cliffs @ 2769' \*est

Chacra @ 4030' \*est

Mesaverde @ 4616'

7.875" Hole



8.625", 24#/32#, Casing set @ 312'  
Cement with 230 sxs, circulate to surface

casing hole at 420', cement with total  
180 sxs, did not circulate. (1983)

Bad casing @ 360'  
Casing parted (?) @ 437'

Perforate 2 squeeze holes at 1400',  
cement with 355 sxs, did not circulate.  
(1983)

Perforate 2 squeeze holes at 2242'  
cement with 355 sxs, did not circulate  
to surface. Landed donut and cement  
with 120 sxs, trace cement to surface  
(1983)

2.375" tubing at 5197'  
(165 jts, 4.7#, J-55, mule shoe on  
bottom with F Nipple @ 5164').

DV Tool @ 3583'  
2nd Stage: Cmt with 450 sxs (719 cf)

TOC @ 4980' (CBL)

Mesaverde Perforations:  
5190' - 5260'  
Original perms (5190' - 5284') were  
squeezed off then re-perfed (1975)

4.5" 10.5# J-55 casing set @ 5319'  
1st Stage. Cmt with 150 sxs (249 cf)

TD 5319'  
PBTD 5300'

# Dusenberry #2A

## Proposed P&A

### Blanco Mesaverde

1620' FNL, 1590' FEL, Section 1, T-31-N, R-12-W, San Juan County, NM

Lat: 36°55'48.18"N / Long: 108°2'37.104"W API #30-045-21813

Today's Date: 1/19/10

Spud: 6/10/75

Completion: 7/10/75

Elevation. 6336' GL  
6348' KB

12.25" hole

Plug #5: 487' - 0'  
Class B cement, 75 sxs

Perforate @ 100'

8.625", 24#/32#, Casing set @ 312'  
Cement with 230 sxs, circulate to surface

casing hole at 420', cement with total  
180 sxs, did not circulate. (1983)

Bad casing @ 360'  
Casing parted (?) @ 437'

Plug #4: 1011' - 863'  
Class B cement, 16 sxs

Ojo Alamo @ 913' \*est

Kirtland @ 961' \*est

Perforate 2 squeeze holes at 1400',  
cement with 355 sxs, did not circulate.  
(1983)

Perforate 2 squeeze holes at 2242'  
cement with 355 sxs, did not circulate  
to surface. Landed donut and cement  
with 120 sxs; trace cement to surface  
(1983)

Plug #3: 2819' - 2313'  
Class B cement, 43 sxs

Fruitland @ 2363' \*est

Pictured Cliffs @ 2769' \*est

DV Tool @ 3583'  
2nd Stage Cmt with 450 sxs (719 cf)

Chacra @ 4030' \*est

Perforate @ 4080'

Plug #2: 4080' - 3980'  
Class B cement, 70 sxs

Mesaverde @ 4616'

Perforate @ 4666'

Plug #1: 5310' - 4566'  
Class B cement, 100 sxs

TOC @ 4980' (CBL)

Mesaverde Perforations:  
5190' - 5260'  
Original perms (5190' - 5284') were  
squeezed off then re-perfed (1975)

7.875" Hole

4.5" 10.5# J-55 casing set @ 5319'  
1st Stage: Cmt with 150 sxs (249 cf)

TD 5319'  
PBTD 5300'

