

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**RECEIVED****SEP 30 2011**Farmington Field Office  
Bureau of Land Management

## Sundry Notices and Reports on Wells

- |   |  |
|---|--|
| <p>1. <b>Type of Well</b><br/>GAS</p> <p>2. <b>Name of Operator</b><br/><b>BURLINGTON</b><br/>RESOURCES OIL &amp; GAS COMPANY LP</p> <p>3. <b>Address &amp; Phone No. of Operator</b><br/><br/>PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b><br/><br/>Unit H (SENE), 1850' FNL &amp; 875' FEL, Section 13, T32N, R8W, NMPM</p> | <p>5. <b>Lease Number</b><br/>NM-6892</p> <p>6. <b>If Indian, All. or Tribe Name</b></p> <p>7. <b>Unit Agreement Name</b></p> <p>8. <b>Well Name &amp; Number</b><br/>Reese Mesa 3</p> <p>9. <b>API Well No.</b><br/><br/>30-045-21261</p> <p>10. <b>Field and Pool</b><br/>Blanco MV / Basin DK</p> <p>11. <b>County and State</b><br/>San Juan, NM</p> |
|---|--|

**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	<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

**13. Describe Proposed or Completed Operations**

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematic.

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician Date 9/30/2011



(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date OCT 07 2011

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**NMOC**

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## PLUG AND ABANDONMENT PROCEDURE

September 19, 2011

### Reese Mesa #3

Basin Dakota

1850' FNL, 875' FEL, Section 13, T32N, R8W, San Juan County, New Mexico

API 30-045-21261 Lat: 39° 59'12.148" / Long: 107°37'14.196"

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. Install and test location rig anchors. Prepare a blow pit. Comply with all State, 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.
2. Rods: Yes       , No       , Unknown       .  
Tubing: Yes   X  , No       , Unknown       , Size   2-3/8"  , Length   3056'    
Packer: Yes   X  , No       , Unknown       , Type   Stuck at 7911'; top of fish at 3107'
3. NOTE: before rigging up on the Reese Mesa #3 well, rig up on the twin well, Reese Mesa #101S FtC. Pull rods and tubing; LD on float. RIH and set the tubing in the middle of the perms. Prepare the #101S well to receive produced water at approximately 1 bpm into the FtC perforations when the #3 well is being cemented at the top of the fish and the casing split. Pump produced water into the perforations during the cementing work and other appropriate times to attempt to protect the FtC zone in the Reese Mesa #3.
4. **Plug #1 (Mesaverde, Chacra, and Pictured Cliffs top, 5740' – 3100')**: TOH with 2-3/8" tubing in well. Round trip a 6.25" bit and string mill to 3116' or as deep as possible. TIH with a packer and set at 3100' (below the casing split from 3082' to 3089'). Attempt to establish rate below the packer. TOH with packer and if able to establish rate under the packer then set 7" wireline cement retainer at 3100'. TIH with stinger and tubing. Sting into CR. If able to establish a rate of more than 1bpm, then squeeze 200 sxs Class B cement below CR. If no rate or a low rate was established, then squeeze 50 sxs Class B cement below CR. Sting out of CR. TOH with tubing.
5. **Plug #2 (Fruitland top, 3097' – <sup>2856</sup>2950')**: Set 7" CR at 3000'. Establish an injection rate below the CR into the casing split. Mix 65 sxs Class B cement and squeeze 26 sxs outside the 7" casing and 39 inside the casing to isolate the Fruitland top. TOH with tubing.
6. Load casing and run A-Plus CBL to determine TOC outside the 7" casing. Adjust the following plugs as necessary based on CBL results.
7. **Plug #3 (Kirtland and Ojo Alamo tops, <sup>2390</sup>2244' – <sup>2186</sup>2080')**: Mix <sup>36</sup>36 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. TOH with tubing.

8. **Plug #4 (Nacimiento top, 646' – 546')**: Perforate 3 squeeze holes at 646'. Establish rate into squeeze holes. RIH and set wireline CR at 596'. Mix 55 sxs Class B, squeeze 26 sxs below CR and leave 29 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
9. **Plug #5 (9.625" casing shoe, 358' – 0')**: Perforate 3 HSC holes at 358'. Mix and pump approximately 150 sxs cement down the 7" casing until good cement returns out the bradenhead. Shut in well and WOC.
10. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

# Reese Mesa #3

## Current

### Basin Dakota

1850' FNL, 875' FEL, Section 13, T-32-N, R-8-W, San Juan County, NM

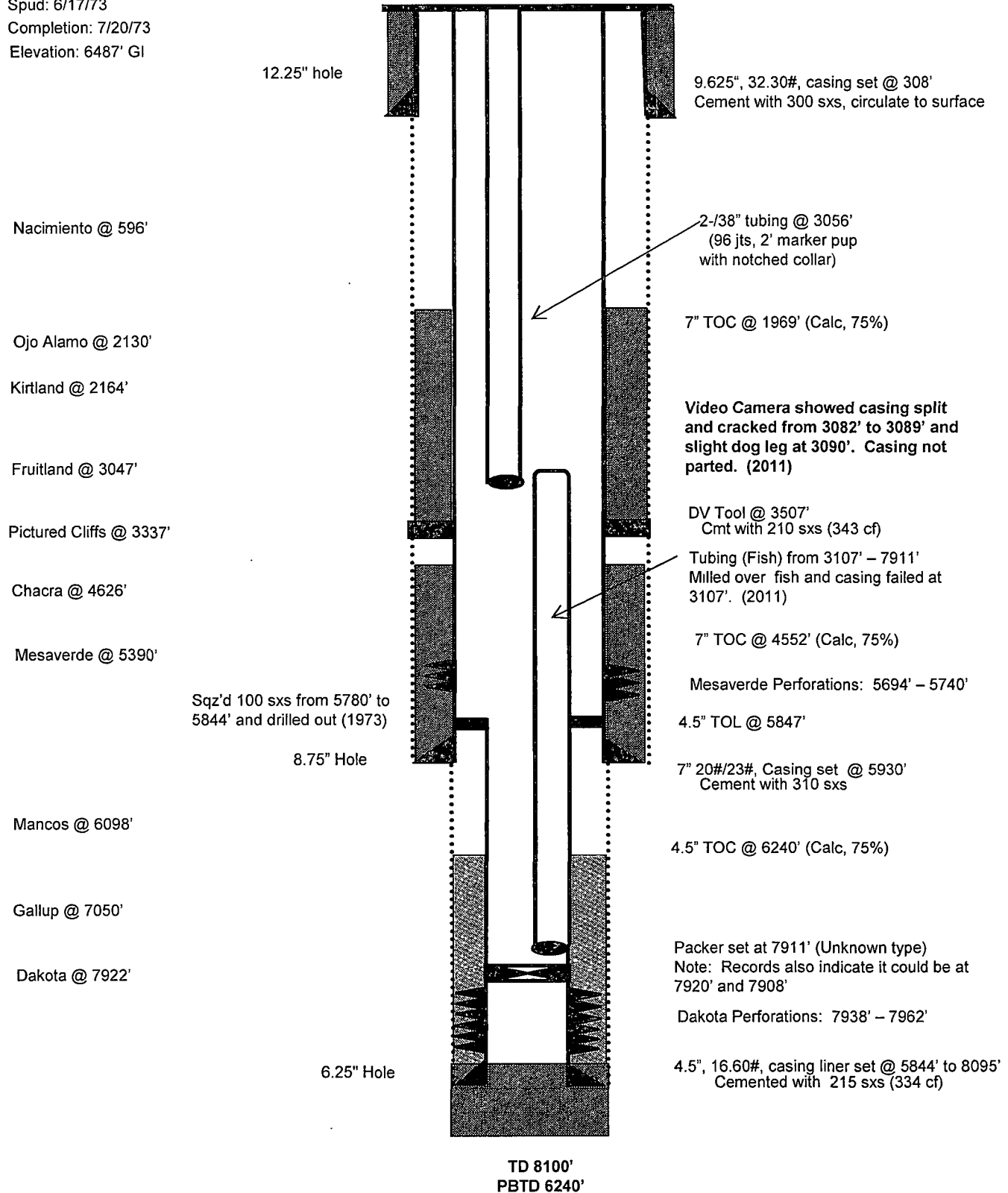
Lat: 39°59'2.148" N/ Long: 107°37'14.196" W / API #30-045-21261

Today's Date: 9/14/11

Spud: 6/17/73

Completion: 7/20/73

Elevation: 6487' GI



# Reese Mesa #3

## Proposed P&A

Basin Dakota

1850' FNL, 875' FEL, Section 13, T-32-N, R-8-W, San Juan County, NM

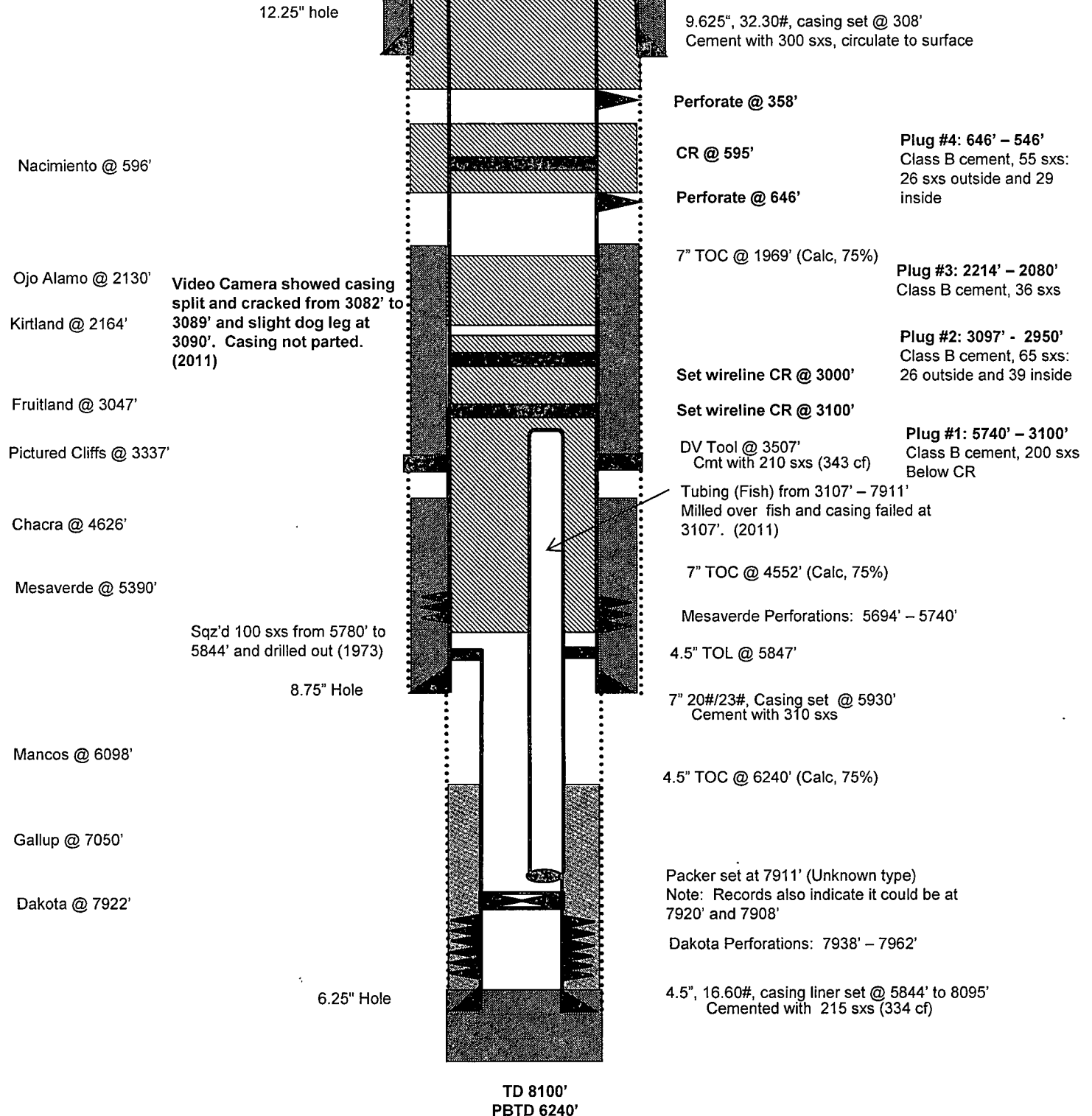
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**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 3 Reese Mesa

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Fruitland plug to 2858'.
  - b) Place the Kirtland/Ojo Alamo plug from 2390' – 2186'.
  - c) Place the Nacimiento plug from 1011' – 911' inside and outside the 7" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.