

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 1685' FNL, 935' FWL, Sec.36, T-27-N, R-5-W, NMPM, Rio Arriba County, NM</p>	<p>API # (assigned by OCD) 30-039-25975</p> <p>5. Lease Number</p> <p>6. State Oil&amp;Gas Lease # E-290-38</p> <p>7. Lease Name/Unit: Name  San Juan 27-5 Unit</p> <p>8. Well No. #146M</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 checked="" type="checkbox"/> Notice of Intent	<input 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 - Spinner Survey	

13. Describe Proposed or Completed Operations

It is intended to run a spinner survey on the subject well according to the attached procedure and wellbore diagram.

**RECEIVED**  
AUG 17 1999  
**OIL CON. DIV.**  
DIST. 3

SIGNATURE  Regulatory Administrator \_\_\_\_\_ August 13, 1999 \_\_\_\_\_

trc

(This space for State Use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date **AUG 17 1999**

ORIGINAL SIGNED BY CHARLIE T. PERRIN DEPUTY OIL & GAS INSPECTOR, DIST. #3

## **San Juan 27-5 Unit #146M**

Unit E, Section 36, T27N, R05W

Rio Arriba County, New Mexico

Elevation 6684' GL, 6696' KB

LAT: 36° 31.2' Long: 107° 18.2'

### **Summary:**

The San Juan 27-5 Unit #146M was spudded in January of 1999 and was originally completed in the Dakota, Point Lookout, Menefee, Cliff House, and Lewis in four stages. A spinner survey will be run on this well to help quantify the contribution of the Lewis in the 27-5 Unit. This data, along with data from other spinner surveys and the Shale Data Wells, will also be used in the completion design optimization of the Lewis.

### **Procedure:**

1. Comply with all NMOCD, BLM, and BR regulations. Conduct daily safety meetings for all personnel on location.

**DO NOT KILL WELL. ANY FLUIDS USED IN WELLBORE WILL INVALIDATE DATA. IF FLUIDS ARE REQUIRED, CONTACT MICHELE QUISEL TO DISCUSS ALTERNATIVES.**

2. Inspect location and wellhead and install rig anchors prior to rig move if needed.
3. RU slickline unit. RIH w/ slickline and set tubing choke in SN @ 7801' (1.78" ID). RD slickline unit.
4. MIRU. Check all safety equipment to insure proper location and working order. ND wellhead and NU BOP, spool, stripping head and blooie line to pit. Continue to flow well through casing valve. Flow well through casing valve and blow well through blooie line to pit.
5. Strip 251 jts. 2-3/8" 4.7# J-55 tubing through stripping head and stand back. SI rams on BOP. ND stripping head. Place well back on production down the line.

**THE WELL WILL REMAIN ON PRODUCTION DURING THE ENTIRE SPINNER SURVEY.**

6. RU Schlumberger and full lubricator. Open rams on BOP and RIH w/ spinner flowmeter tool/GR/CCL/Gradio. Correlate depth to GR/CCL logs provided by the engineer on location.
7. Take spinner survey readings at the following stations:

• Station #1	4000'	Top of Navajo City
• Station #2	4400'	Top of Otero Chacra
• Station #3	4850'	Top of Middle Bench
• Station #4	5000'	Top of Upper Cliff House
• Station #5	5110'	Top of Massive Cliff House
• Station #6	6100'	Top of Dakota

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8. Tag bottom w/ spinner tool. POOH w/ spinner flowmeter tool/GR/CCL/Gradio and SI rams on EOP. RD and release Schlumberger.
- 9A. If fill, TIH w/ 3-7/8" bit and CO to PBTD. TOOH.
9. NU stripping head. Open rams on BOP. Strip 251jts. 2-3/8" 4.7# J-55 tubing w/ expendable check and seating nipple one joint off bottom and land tubing @ 7834'. ND stripping head, BOP, spool, and blooie line. NU wellhead. Pump off expendable check. Place well on production. RD and release rig.

Recommend: Michele S. Quisel  
Production Engineer 8-6-99

Approve: Bruce D. Bonger 8-13-99  
Drilling Superintendent

Approve: [Signature] 8/7/99  
Team Leader

### Vendors:

Wireline: Schlumberger 328-5006

Michele Quisel	Office: 324-6162	Pager: 326-8196	Home: 564-9097
Steve Campbell	Office: 326-9546	Pager: 564-1902	Home: 325-8218
Hans Dube	Office: 326-9555		Home: 564-9401
Glen Christiansen	Office: 326-9733		Home: 327-5089

# San Juan 27-5 Unit #146M

1675' FNL, 935' FWL  
Unit E Sec. 36, T-27 R-05W  
Rio Arriba County, New Mexico

KB 6696 GL 6684  
LAT: 36 31.2' LONG: 107 18.2'

9-5/8" 32.3# H-40  
250 sks TOC circ

236

8-3/4" Hole  
7" 23# J-55  
353sx

TOC circ

2094

3662

6-1/4" Hole  
4-1/2" 10.5# J-55  
550 sks TOC TOL by CBL  
Liner: 2094 to 7896

Tubing: 2-3/8" 4.7# J-55 EUE  
@ 7834

PBTD 7890  
TD 7903

## Formation Tops

Ojo Alamo	2850
Kirtland Shale	3040
Fruitland Coal	3110
Pictured Cliffs	3453
Lewis	3542
Huer. Bent.	3941
Navajo City	3994
Otero Chacra	4435
Middle Bench	4568
Upper Cliff House	5008
Massive Cliff House	5110
Menefee	5240
Point Lookout	5595
Mancos	6081
Gallup	6810
Greenhorn	7537
Dakota	7720

### Lewis:

4040, 42, 44, 4116, 18, 20, 4216, 18, 20, 4448, 50, 52, 54, 56, 58,  
4660, 62, 64, 66, 4880, 82, 84, 86, 88 w/ 2 SPF  
Frac w/ 70Q Foam, 200,000# 20/40 sand

### Upper Menefee-Cliff House

5013, 19, 36, 50, 64, 71, 84, 90, 96, 5102, 16, 25, 55, 82, 83,  
5208, 20, 31, 60, 83, 92, 5305, 30, 45, 69  
Frac w/ SW, 100,000 # 20/40 sand

### Point Lookout-Lower Menefee:

5415, 32, 46, 56, 96, 5506, 37, 46, 58, 5601, 14, 30, 52, 74, 85,  
5708, 22, 35, 50, 79, 5820, 40, 50, 66, 76, 5904, 23, 35, 67, 98, 6044, 60  
Frac w/ SW, 100,000 # 20/40 sand

### Dakota:

7628, 30, 32, 34, 36, 38, 40, 56, 58, 60, 62,  
7804, 06, 08, 36, 38, 40  
Frac w/ 25# X-Link Gel & 78,000# 20/40 TLC sand

08/06/1999

MSQ