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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-039-25775

1. **Type of Well**
GAS

5. **Lease Number**
Fee

6. **State Oil&Gas Lease #**

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY

7. **Lease Name/Unit Name**
San Juan 27-5 Unit

8. **Well No.**
#164M

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **Pool Name or Wildcat**
Blanco MV/Basin DK

10. **Elevation:**

4. **Location of Well, Footage, Sec., T, R, M**
890'FSL, 1615'FEL, Sec.30, T-27-N, R-5-W, NMPM, Rio Arriba County, NM

Type of Submission	Type of Action	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ 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 [signature] Regulatory Administrator August 13, 1999

trc

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date AUG 17 1999

San Juan 27-5 Unit #164M

Blanco Mesaverde/Basin Dakota
Unit P, Section 30, T27N, R05W
Rio Arriba County, New Mexico
Elevation 6388' GL
LAT: 36.540000' Long : 107.397000'

Summary:

The San Juan 27-5 Unit #164M was spudded March 23, 1998 and was originally completed in the Dakota, Point Lookout, Menefee, Cliff House, and the Lewis in four stages. By running the spinner flowmeter, the percent contribution of the Lewis and of the individual zones within the Lewis can be determined. The data gathered in this spinner survey will be combined with the spinner data gathered in the spring of 1998 to help determine the ideal stimulation design for the Lewis Shale.

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 NEEDED. 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 FN @ 7437 ' (1.81" I.D. bore). RD slickline unit. SI master valve.

4. RU workover unit. 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 242 jts. 2-3/8" 4.7# J-55 tubing through stripping head and stand back. ND stripping head. SI rams on BOP.

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

6. RU Schlumberger. Under a full lubricator, RIH w/ spinner flowmeter tool/GR/CCL. Correlate depth to GR/CCL logs provided by the engineer on location.

7. Take spinner survey readings at the following stations:

- Station #1 **3646'** Top of Navajo City Chacra
- Station #2 **4040'** Top of Otero Chacra
- Station #3 **4190'** Top of Middle Bench of Otero Chacra
- Station #4 **4600'** Top of Mesaverde
- Station #5 **5600'** Top of Dakota

San Juan 27-5 Unit #164M

Blanco Mesaverde/Basin Dakota
Unit P, Section 30, T27N, R05W
Rio Arriba County, New Mexico
Elevation 6388' GL
LAT: 36.540000' Long : 107.397000'

8. Tag bottom w/ spinner tool. POOH w/ spinner flowmeter tool/GR/CCL and SI rams on BOP. RD full lubricator. 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 242 jts. 2-3/8" 4.7# J-55 tubing w/ expendable check and seating nipple one joint off bottom and land tubing @ 7469'. ND stripping head, BOP, and blooie line. NU wellhead. Pump off expendable check. Place well on production. RD and release rig.

Recommend: Michele S. Quisel
Production Engineer 8-3-99

Approve: Bruce W. Boyd 8-13-99
Drilling Superintendent

Approve:
Team Leader 8/17/99

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 #164M

890' FSL, 1615' FEL
Unit P Sec. 30, T-27 R-5W
Rio Arriba County, New Mexico

KB 6400 GL 6388

9-5/8" 32.3# H-40
325 sx TOC circ

247'

8-3/4" Hole
7" 20# J-55

TOC 2080' CBL

3274

6-1/4" Hole
4-1/2" 10.5# J-55
0
467 sx

Tubing: 2-3/8" 4.7# J-55
@ 7469'

7513'

Formation Tops	
Ojo Alamo	2350
Kirtland	2445
Fruitland	2698
Pictured Cliffs	3076
Lewis	3152
Huer. Bent.	3588
Chacra	3862
Upper Cliff House	4625
Massive Cliff House	4718
Menefee	4858
Point Lookout	5285
Mancos	5736
Gallup	6712
Greenhorn	7200
Graneros	7274
Dakota	7405

Lewis:
3656', 3714', 3806', 65', 3908', 62', 4008', 53', 72', 98', 4140', 4203', 15', 35', 70', 4344', 80', 4427',43', 75', 96', 4530'
70Q Foam, 200,000# 20/40 sand 702 bbl 25# Linear Gel

Cliffhouse:
4652', 4720', 27', 38', 45', 56', 62', 76', 4803', 10', 28', 38'
2218 bbl SW, 100,000# 20/40 sand

Menefee:
5223', 5197', 92', 26', 5078', 73', 64', 43', 35', 12', 5005', 4983', 56', 49', 28', 4888', 56'
Frac'd w/ Cliff House and the Point Lookout

Point Lookout:
5588', 80', 52', 31', 06', 5488', 64', 51', 42', 25', 18', 04', 5390', 82', 66', 56', 40', 33', 07', 5298', 89'
1928 bbl SW, 100,000# 20/40 sand

Dakota
7496', 90', 74', 66', 60', 048', 28', 020', 10', 7386', 76', 32', 20', 10' -- 32 Holes
946 bbl, 25# X-Link Gel, 90,000# 20/40 LC Sand

TD = 7513'
PBTD = 7511'

MSQ
08/09/1999