

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells

99 MAR 10 PM 12:56

1. Type of Well  
GAS

070-FARMINGTON, NM

5. Lease Number  
SF-078741  
6. If Indian, All. or  
Tribe Name

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

RECEIVED  
MAR 18 1999

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

OIL COIL DRZ  
DEC 3

San Juan 30-6 Unit  
Well Name & Number  
San Juan 30-6 U #16  
API Well No.  
30-039-07764  
10. Field and Pool  
Blanco Mesaverde  
11. County and State  
Rio Arriba Co, NM

4. Location of Well, Footage, Sec., T, R, M

1680' FNL, 1070' FEL, Sec. 26, T-30-N, R-6-W, NMPM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" 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 - Pay add	

13. Describe Proposed or Completed Operations

2-26-99 MIRU. ND WH. NU BOP. TOOH w/192 jts 2 3/8" tbg. TIH w/5" CIBP, set @ 5510'. Load hole w/2% KCl wtr. PT CIBP to 3800 psi, OK. TOOH. TIH, ran CBL @ 3000-5500', TOC on 5" lnr @ 3982'. TOOH. SD for weekend.

3-1-99 PT csg to 2200 psi/10 min, OK. Perf Lewis w/1 SPF @ 4470, 4485, 4500, 4515, 4715, 4730, 4745, 4775, 4790, 4805, 4850, 4865, 4877, 4885, 4895, 4905, 4955, 4965, 5035, 5045, 5090, 5105, 5135, 5148 w/24 holes total. Acidize w/1000 gal 15% acetic acid. SDON.

3-2-99 Acidize w/1000 gal 15% HCL, 4000 SCF N2. Frac Lewis 683 bbl 30# linear gel, 200,000# 20/40 Arizona sd, 1,233,300 SCF N2. CO after frac.

3-3-99 Blow well & CO.

3-4-99 Release pkr, TOOH. TIH w/mill. Circ hole clean to CIBP @ 5510'. Blow well & CO.

3-5-99 Blow well & CO. Mill out CIBP @ 5510'. Blow well & CO to PBTD.

3-6-99 Blow well & CO. TOOH w/mill. TIH w/192 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 5997'. ND BOP. NU WH. RD. Rig released.

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

Signed [Signature] Title Regulatory Administrator Date 3/9/99

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

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.

MAR 15 1999

FARMINGTON  
BY [Signature]

NMOGD

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

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PO Box 4289, Farmington, NM 87499 (505) 326-9400

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1680' FNL, 1070' FEL, Sec. 26, T-30-N, R-6-W, NMPM

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SF-078741

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 30-6 Unit

8. Well Name & Number

San Juan 30-6 U #16

9. API Well No.

30-039-07764

10. Field and Pool

Blanco Mesaverde

11. County and State

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☐ Abandonment

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☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Well Test

13. Describe Proposed or Completed Operations

It is intended to test the subject well according to the attached procedure and wellbore diagram.

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

Signed

*Deanna Cole*

Title Regulatory Administrator Date 12/16/99

trc

(This space for Federal or State Office use)

APPROVED BY

*Chip Harraden*

Title

*Acting Team Lead*

Date

*1/10/00*

CONDITION OF APPROVAL, if any:

NMOCD

**San Juan 30-6 Unit #16  
Well Test Procedure  
H 26 30N 06W  
Rio Arriba County, NM  
Latitude: 36 Deg., 45.94 Min  
Longitude: 107 Deg., 28.97 Min.**

**Summary:**

The subject well was completed during 1999 in 5" casing. The Basin Opportunity Lewis Shale Team will perform a basic 7-day stabilized flow and 21-day build-up test on the subject well. This work will aid in determining a fracture conductivity and half-length for a particular stimulation treatment. From this information, the BOT will make recommendations to the division on the appropriate stimulation treatment for the Lewis Shale across the San Juan Basin. After the well testing is complete, the well will be taken off of Lewis only production and placed back on Mesaverde production.

- Comply to all NMOCD, BLM and BR regulations. Conduct daily safety meetings for all personnel on location.
  - Inspect location and wellhead and install rig anchors prior to rig move.
  - Construct blow pit.
1. MOL, hold safety meeting and RU completion rig. Ensure that all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. Set one (1) 400 BBL frac tank and fill w/ 2% KCL. Blow well down and kill well w/ 2% KCL water as necessary. ND wellhead and NU 7-1/16" 3M BOP, stripping head and blooie line. Operationally test BOP.
  2. TIH to PBTD @ 6040' and check for fill. If fill is encountered, clean out to PBTD w/ air package. If no fill is encountered, TOOH w/ 2-3/8" Mesaverde tbg and stand back.
  3. Open rams on BOP. PU RBP, on-off tool, 6' perf. pup jt, 1 jt. 2-3/8" 4.7# J-55 tbg, SN w/ tubing plug, 14 jts. 2-3/8" 4.7# J-55 tbg, Schlumberger Model "HD" compression set pkr, and 150 jts. 2-3/8" 4.7# J-55 tbg. Set RBP @ +/- 5200' and set pkr @ +/- 4670'. There is a total of 165 jts. Of 2-3/8" 4.7# J-55 tbg.
  4. ND stripping head and BOP. NU single tubing hanger wellhead assembly. RU slickline unit. ND bullplug on flowtee. NU lubricator and open master valve. RIH and retrieve tubing plug in SN @ +/- 5117'. POOH w/ tubing plug. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, RD and MOL. Do not RD slickline.
  5. RIH w/ ported No Go tool (1.85" OD), dual Schlumberger memory gauges (1.25" OD), and No Blow Tool. Set assembly in SN (1.78" ID) @ +/- 5117'. Shut in master valve, ND lubricator, and NU bullplug on flowtee. Open master valve and RD slickline unit.
  6. Begin 7-day stabilized flow period. After 7-day stabilized flow, shut well in and begin 21-day build-up period. **SHUT WELL IN AT WELLHEAD, NOT AT SEPARATOR.**
  7. After 21-day build-up period. RU slickline unit. ND bullplug on flowtee. NU lubricator and open master valve. RIH and retrieve gauge assembly set in seating nipple @ +/- 5117'. Shut in master valve, ND lubricator and NU bullplug on flowtee. Open master valve and return well to production.
  8. MOL, hold safety meeting and RU completion rig. Ensure that all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. Set one (1) 400 BBL frac tank and fill w/ 2% KCL. Blow well down and kill well w/ 2% KCL water as necessary. ND wellhead and NU 7-1/16" 3M BOP, stripping head and blooie line. Operationally test BOP.

San Juan 30-6 Unit #16  
Well Test Procedure  
H 26 30N 06W  
Rio Arriba County, NM  
Latitude: 36 Deg., 45.94 Min  
Longitude: 107 Deg., 28.97 Min.

9. Release pkr @ +/- 4670' and TIH to RBP @ +/- 5200'. Latch on to RBP and release. Kill well as necessary. TOOH w/ 128 jts. 2-3/8" 4.7# J-55 tbg, Schlumberger Model "HD" compression set pkr, 18 jts. 2-3/8" 4.7# J-55 tbg, SN, 1 jt 2-3/8" 4.7# J-55 tbg, 6' perf. pup jt, on-off tool and RBP. Lay down RBP and pkr. Stand back workstring.
10. TIH w/ 1 jt 2-3/8" 4.7# J-55 tbg w/ expendable check, SN, and remaining 191 jts. 2-3/8" 4.7# J-55 tbg.. Land tbg @ +/- 5997'.
11. ND BOP, NU single tubing hanger wellhead assy. Pump off expendable check. Obtain a final pitot up tubing. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, RD and MOL.

Recommend: Steve Campbell 11/22/99  
Production Engineer

Approve: [Signature] 11/29/99  
Team Leader

Approve: Bruce W. Borgs 12-14-99  
Drilling Superintendent

VENDORS:

Tools (retrieving head, RBP, and pkr)  
Slickline:  
Data Analysis:

Schlumberger 325-5006  
B&R Service Inc. 325-2393  
Holditch & Assoc. (412) 787-5403

Steve Campbell Home 325-8218  
Glen Christiansen Home 327-5089  
Hans Dube Home 564-9401

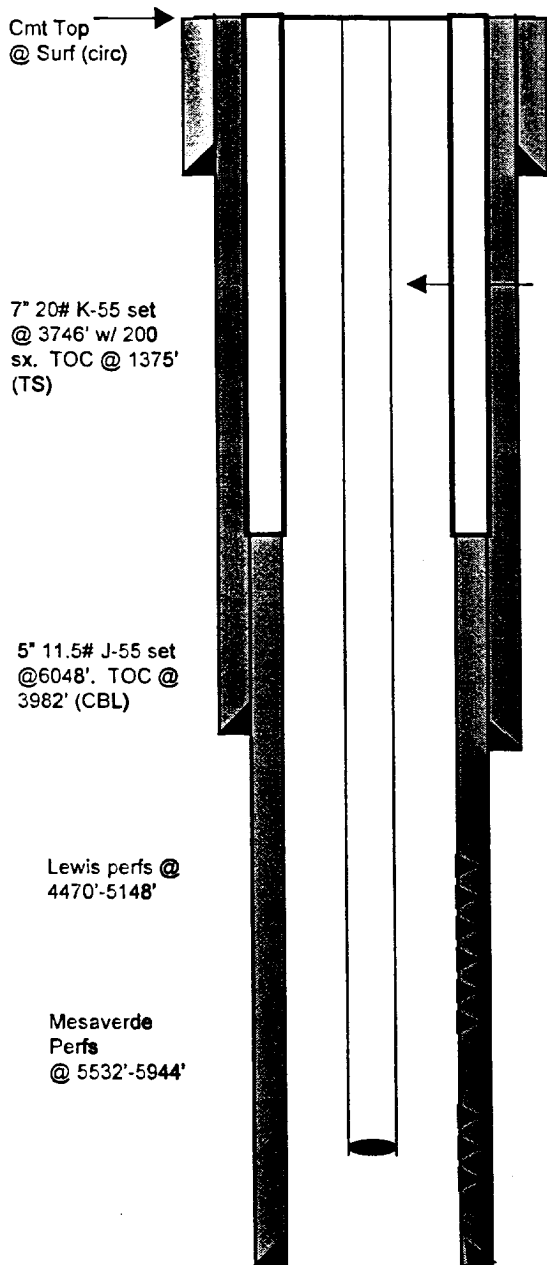
Office 326-9546  
Office 326-9733  
Office 326-9555

Pager 564-1902

# San Juan 30-6 Unit #16

Unit H, Section 26, T30N, R06W  
Rio Arriba County, NM

After Well Test Schematic



9-5/8" Csg.  
Set at 174'.  
Cmt'd with  
140 sx.

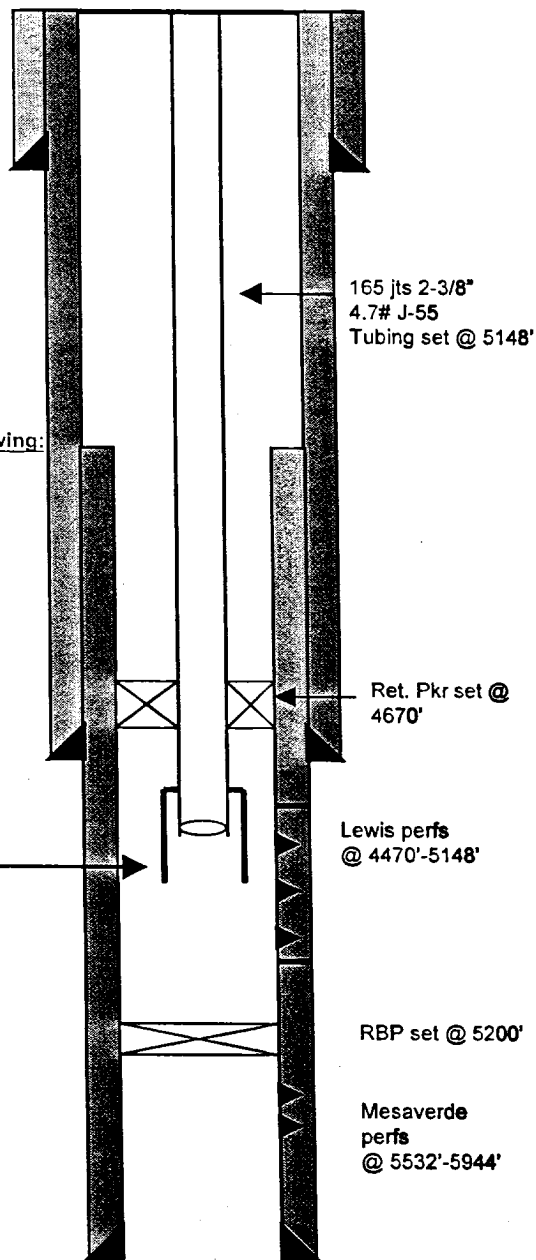
192 jts. 2-3/8" 4.7#  
J-55 tbgs. Set @ 5997'

## Formation Tops at the following:

Ojo Alamo	2682'
Pictured Cliffs	3656'
H. Bentonite	4380'
Cliffhouse	5530'
Menefee	5580'
Pt. Lookout	5867'

PBTD @ 6040'  
TD @ 6048'

Well Test Schematic



PBTD @ 6040'  
TD @ 6048'