

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports 87 JAN 11 PM 1:09

070 FARMINGTON, NM

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

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

990' FSL, 990' FWL, Sec.15, T-28-N, R-6-W, NMPM

5. Lease Number
SF-079192

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 28-6 Unit

8. Well Name & Number

San Juan 28-6 U #47

9. API Well No.
30-039-07402

10. Field and Pool
Blanco Mesaverde

11. County and State
Rio Arriba Co, NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Pay add

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to add the Cliff House and Menefee pay to the existing Point Lookout zone of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JAN - 9 1997

OIL CON. DIV.
DIST. 3

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

Signed *Ray Brach* (LLL8) Title Regulatory Administrator Date 12/31/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JAN 06 1997

M. M. M.
DISTRICT MANAGER

AMOCO

San Juan 28-6 Unit #47

Mesaverde Pay-Add

Unit M, Section 15, T-28-N, R-6-W, Rio Arriba County, New Mexico
Lat. 36-39-23, Long. 107-27-34

Inspect location and install and/or test rig anchors. This job will require 7 frac tanks. Comply with all BLM, NMOCD, Forestry, and BR rules and regulations.

BE SAFE.

All vendors/service companies on location will be responsible for protection of the environment. Any questions call Lori Lantz at 599-4024.

1. MIRU. Hold Safety Meeting. Place fire and safety equipment in easily accessible locations. Obtain and record all wellhead pressures. NU relief line to flare pit.
2. Blow down tubing. If tubing will not blow down, kill well with 2% KCl water. ND WH, NU BOP. NU blooie line to flare pit.
3. TOOH w/ 186 jts (5737') of 2-3/8" 4.7# J-55 tubing. Visually inspect, tally, and stand back tubing.
4. PU 4-1/2" bit and 5-1/2" 20# casing scraper on 2-3/8" tbg. Rabbit and tally on TIH to PBTD of 5791'. TOOH and LD bit and scraper.
5. MIRU electric line unit. RIH and set CIBP at 5425' (use slow burn charge to set plug). Load hole w/ 2% KCl and pressure test casing and CIBP to 1000 psi.
6. Run GR-CBL-CCL from 5425' to 200' above TOC with 1000 psi surface pressure. Run repeat section with 0 psi surface pressure. Top of good cement must be above 5074' to continue. Evaluate CBL and send copy to production and drilling.

Cliffhouse / Menefee Stimulation:

7. RIH w/ 3-1/8" Select-Fire Perforating gun loaded 2 spf w/ 10 or 12 gram charges (0.31" diameter holes) and perforate the following depths:

**5124' 5205' 5214' 5223' 5228' 5249' 5252' 5258' 5261' 5286'
5290' 5293' 5331' 5337' 5352' 5358' 5378' 5382'
(36 total holes)**

8. RD electric line unit. PU 5-1/2" packer on 3-1/2" P-110 frac string with 10 joints of 2-7/8" N-80 above and below packer for safety. TIH and set packer at approximately 5400'. Load hole w/ 2% KCl and pressure test CIBP to 3400

San Juan 28-6 Unit #47

Mesaverde Pay-Add

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psi (80% of internal yield of 4270 psi). Pull up and reset packer at approximately 4974'.

9. RU stimulation company. **Hold safety meeting.** Pressure test surface treating lines to 4400 psi. **Maximum static treating pressure is 3400 psi.** Pump 1500 gals of 15% HCl acid at 10-15 bpm. Drop a total of 54 7/8" diameter (1.3 sg) RCN ball sealers spaced evenly throughout the job. Record injection rates and pressures throughout the job. RD stimulation company.
10. Release packer. TIH w/ 5-1/2" packer on frac string and knock balls off perforations. Pull up and reset packer at approximately 4974'.
11. RU stimulation company. Pressure test surface treating lines to 5900 psi. **Maximum treating pressure for various rates is listed below.** Fracture stimulate the Cliffhouse and Menefee intervals w/ 84,000# 20/40 sand in slickwater at approximately 35-40 bpm according to the attached procedure.

Rate	Max Pressure
0 bpm	3400 psi
20 bpm	3900 psi
35 bpm	4900 psi

12. RDMO stimulation company. Flow back well using a dual choke manifold. When pressures allow, release packer. TOOH and LD packer and 3-1/2" and 2-7/8" frac strings.
13. PU mill on 2-3/8" tbg. TIH and clean out to CIBP set at 5425' with air until sand and water production is minimal. **Obtain flow gauge and record as Cliffhouse / Menefee.** Mill up CIBP set at 5425', push to bottom, and clean out to PBTD of 5791'. **Obtain flow gauge and record as Cliffhouse / Menefee / Point Lookout.** TOOH and LD mill.
14. Rabbit and TIH with 2-3/8" 4.7# J-55 tbg with expendable check and seating nipple one joint off bottom. Land tubing at approximately 5780'. ND BOP. NU WH. Pump off check and obtain final flow gauge. **Record as Cliffhouse / Menefee / Point Lookout.** Contact Production Operations for well tie-in. RDMO.

Approved: _____
Regional Team Leader

Approved: _____
Drilling Superintendent

San Juan 28-6 Unit #47 **Unit M. Sec 15, T-28-N, R-6-W**

Location: 990' FSL, 990' FWL
 Rio Arriba County, NM

Latitude: 36-39-23
Longitude: 107-27-34

Current Field: Blanco Mesaverde
Spud: 9/13/55
Elev GL: 6582'
TD: 5791'

Logs Run: ES, GRN
Completed: 1/ 4/56
Elev KB:
PBTD: 5791'

CASING RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
15"	10-3/4"	32.75#	H-40	214'	200 sks	
9-7/8"	7-5/8"	26.4#	J-55	3451'	210 sks	
6-3/4"	5-1/2"	14# & 20#	J-55	5791'	125 sks	

* 5601-5791 20# J-55
 78-5601 14# J-55
 0-78 20# J-55

LINER RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
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TUBING RECORD:

<u>Tubing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Joints</u>	<u>Other</u>	<u>Depth</u>
2-3/8"	4.7#	J-55	5737'	186		

FORMATION TOPS:

Ojo Alamo	2600'	Pictured Cliffs	3433'	Pt Lookout	5618'
Kirtland	2777'	Cliffhouse	5184'	Gallup	—
Fruitland	3140'	Menefee	5260'	Dakota	—

Completions:

Mesaverde - Lower PL

Perfs: 5698-5702, 5706-14, 5718-22, 5726-46, 5742-56, 5766-72, 5766-80 (2 spf)

Frac: 60,400 gal water (no sand)

Gauge: 2968 MCFD

Mesaverde - Upper PL

Perfs: 5622-38, 5642-48, 5652-82

Frac: 60,000 gal water (no sand)

SIWHP: 1106 psi Gauge: 2236 MCFD

Cementing Information

10-3/4" Casing cemented w/ 200 sks cement, 4% gel.

7-5/8" Casing cemented w/ 160 sks cement w/ 8% gel followed by 50 sks neat.

5-1/2" Casing cemented w/ 125 sks cement w/ 2% gel.

Workover History:

N/A

SAN JUAN 28-6 UNIT #47

Unit M, Section 15, T-28-N, R-6-W
Lat. 36-39-23, Long. 107-27-34

CURRENT WELLBORE SCHEMATIC

