

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells

97 NOV 25 PM 2:12

1. Type of Well  
GAS

070 FARMINGTON, NM

5. Lease Number  
SF-079193  
6. If Indian, All. or  
Tribe Name

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

7. Unit Agreement Name

3. Address & Phone No. of Operator

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

8. Well Name & Number  
San Juan 28-6 U #63

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

1650' FSL, 1550' FWL, Sec. 22, T-28-N, R-6-W, NMPM

9. API Well No.  
30-039-07366

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

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Restimulate

13. Describe Proposed or Completed Operations

It is intended to restimulate the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram.

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DEC 11 1997

OIL CON. DIV.  
DIST. 3

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

Signed *Dorothy Blankenship* (JLDOpps) Title Regulatory Administrator Date 11/24/97

(This space for Federal or State Office use)

APPROVED BY *[Signature]* Title \_\_\_\_\_ Date DEC - 9 1997

CONDITION OF APPROVAL, if any:

NMCCO

**San Juan 28-6 Unit #63**  
Mesaverde Restimulation  
Unit K, Section 22, T28N, R6W  
Lat: 36° - 38.64072' Long: 107° - 27.45756'

***The well is currently completed in the Mesaverde with a production rate of 115 MCFD and remaining reserves of 801 MMCF. Evaluation of offset, parent producers indicates, on the average, this well could be capable of producing an additional 958 MMCF. Since this well was only fractured with 183,000 gals of water in 1956, this variance could be due to an insufficient propped fracture near wellbore. It is intended to prop this fracture by restimulating the Mesaverde with 109,000 gals 30 lb linear gel using a total of 180,000 lbs 20/40 sand.***

1. Inspect location and test rig anchors. Comply with all NMOCD, BLM, Forestry & BR rules and regulations. Dig flowback pit or set flowback tank. Haul to location 5760', 2-3/8" inspected or new tubing string, 5000', 3-1/2" N-80 tubing, 2-7/8" X 3-1/2" N-80 crossover, 3 jts 2-7/8" N-80 frac and 9, 400 bbl frac tanks
2. MIRU. Fill one tank with 2% KCL water. Record and report SI pressures on tubing, casing and bradenhead. Lay blowdown line. Blow well down and kill with 2% KCL water as necessary. ND WH and NU BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line. Redress production wellhead as needed.
3. TOOH with 2-3/8" Mesaverde production string set at  $\pm$  5685' and LD. Visually inspect tubing, note and report any scale in/on tubing. Send in tubing string to be inspected and salvaged, if possible.
4. PU and RIH with a 4-3/4" bit, 5-1/2" (14 lb/ft) casing scraper on the 2-3/8" tubing string hauled to location. Clean out to 5722' with air. TOOH.
5. Fill hole with 26 bbls (~1100') 2% KCL water. MIRU wireline company. Run GR-CBL-CCL from PBTD til out of water. Evaluate CBL and send log copies to production and drilling. RDMO wireline company. Good cement bond must exist 150' above top Mesaverde perforation to continue.
6. Fill 9 - 400 bbl frac tanks with 2% KCL water. Filter all water to 25 microns if brought from sources with known solids contamination. Filtration is not necessary for city water. Eight tanks are for gel and one tank is for breakdown and flush.
7. PU and TIH with 5-1/2" packer, tubing tester, 3 jts 2-7/8" N-80 tubing, 2-7/8" X 3-1/2" N-80 crossover and 3-1/2" N-80 frac string to 5646'. Spot 600 gals 15% HCL. PUH and set packer at 5000'. Close tubing tester and pressure test frac string to 6000 psi.
8. RU stimulation company. Pressure test surface lines to 4500 psi. Pump 1400 gals 15% HCL into Mesaverde perforations. (2000 gals 15% HCL total will be required for job). RD acid truck.

All acid on this well to contain the following additives per 1000 gals.

2 gal	CI-22	Corrosion inhibitor
5 gal	Ferrotrol-300L	Iron Control
1 gal	Flo-back 20	Surfactant
0.5 gal	Clay Master-5C	Clay control

9. RU stimulation company. Hold tailgate safety meeting. Pressure test surface lines to 7000 psi. **Maximum treating pressure is 6000 psi.** Fracture stimulate Mesaverde at **70 BPM** down the 3-1/2" N-80 frac string. A total of 109,000 gals of 30 lb linear gel as the base fluid and 180,000 lbs 20/40 Arizona sand will be pumped. Monitor surface treating pressures, rate and sand concentration with computer van. Average surface treating pressure will be 4900 psi. Treat per the following schedule:

Stage	Water (gals)	Sand Volume (lbs)
Pad	22,000	
1.0 ppg	18,000	18,000
2.0 ppg	45,000	90,000
3.0 ppg	24,000	72,000
Flush (slickwater)	1,900	
<b>Totals</b>	<b>110,900</b>	<b>180,000</b>

Slow rate during flush. If well is on vacuum near end of frac job, cut flush as necessary to avoid overflushing.

Frac with the following additives per 1000 gals frac fluid. **Gel will be mixed on the fly.**

*	7.5 gal	LGC-8	Gel
*	1 gal	SSO-21	Surfactant
*	0.18 lb	BE-6	Biocide
*	0.4 lb	SP	Oxidizing Breaker
*	0.2 lb	GBW-3	Enzyme Breaker

Record ISIP, 5 min SIP, 10 min SIP and 15 min SIP. RDMO stimulation company.

10. Open well through choke manifold and monitor flow. Flow at 20 BPH or less, if sand is observed. **Take pitot gauges when possible.** When pressures allow, release packer and TOOH. LD packer, 2-7/8" N-80 tubing, 2-7/8" X 3-1/2" crossover and 3-1/2" N-80 tubing.
11. RIH with notched collar on 2-3/8" tubing and clean out to PBTD at 5722'. Monitor gas and water returns when applicable.
12. TIH with an expendable check, one joint of 2-3/8" tubing, standard SN and remaining 2-3/8" tubing. Broach tubing while running in hole. CO with air/mist to PBTD again, if necessary. Land tubing at 5696'. Pump off expendable check. ND BOP. NU WH. RDMO. Contact Production Operations for well tie-in.


Recommended:

  
 Production Engineer

Approved:

  
 Drilling Superintendent

Approved:

  
 Team Leader

Jennifer Dobson

Home: 564-3244

Office: 599-4026

Pager: 324-2461

## San Juan 28-6 Unit #63

**Lat: 36° - 38.64072' / Long: 107° - 27.45756'**

**Location:** 1650 FSL, 1550 FWL, Unit K, Section 22, T28N, R6W, Rio Arriba County, NM.

DP #: 51880A

**GWI/NRI: 37.19/29.32**

Completed: 3/30/56

KB Elevation: 6543

PBTD: 5722'

PBTD: 5722'

Hole Size	Csg Size	Weight	Grade	Depth Set	Cmt Vol	Cmt Top
13-3/4"	10-3/4"	32.75 lb/ft	H-40	214'	200 sx	Circ. to sur.
9-7/8"	7-5/8"	24 lb/ft	J-55	3370'	200 sx	2600' (est.)
6-3/4"	5-1/2"	14 lb/ft 15.5 lb/ft	J-55 J-55	0-5520' 5520-5724'	150 sx	4420' (est.)

Tubing Size	Weight	Grade	Depth Set	Number of Jts
2-3/8"	4.7 lb/ft	J-55	5682'	183
2-3/8" Perf Joint	4.7 lb/ft	J-55	5685'	1

## Lane Wells Radioactivity Log (3/18/56)

Perforated the Lower Point Lookout at 5692-96', 5682-88', 5672-78', 5656-66' and 5634-46' at 3 SPF. Fracture stimulated with 45,400 gals water at 57 BPM and 1300 psi.

Perforated the Upper Point Lookout at 5610-16', 5600-06', 5592-96', 5582-88' and 5568-78' at 3 SPF. Fracture stimulated with 45,400 gals water at 67 BPM and 1400 psi.

Perforated the Menefee at 5506-12', 5492-96', 5466-88', 5368-76', 5300-04', 5290-94', 5242-46', 5224-28' and 5200-04' at 2 SPF. Fracture stimulated with 44,900 gals water at 60 BPM and 1600 psi.

Perforated the Cliffhouse at 5162-72', 5138-52', 5124-34' and 5114-20' at 3 SPF. Fracture stimulated with 47,040 gals water at 51 BPM and 1200 psi.

None since original completion.

Mesaverde is currently producing at 115 MCFD with 801 MMCF remaining reserves.

**Pipeline:** Williams Field Service

# San Juan 28-6 Unit #63

Unit K, Section 22, T28N, R6W  
 Lat: 36° - 38.64072' / Long: 107° - 27.45756'  
 Rio Arriba County, NM

Current Schematic

Current Schematic

