Distnct I
PO Box 1980, Hobbs, NM 88241-1980

Distnct II
P O Drawer DD, Artesia, NM 88211-0719

Distnct III
1000 Rio Brazos Rd., Aztec, NM 87410

Distnct IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals, & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator Name and Address	[2] OGRID Number
Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499	14538
	[3] Reason for Filing Code CO - 7/11/96

[4] API Number	[5] Pool Name	[6] Pool Code
30-039-7420	BLANCO MESAVERDE (PRORATED GAS	72319
[7] Property Code	[8] Property Name	[9] Well Number
007459	SAN JUAN 28-4 UNIT	#26

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
L	18	028N	004W		1850	S	790	W	RIO ARRIBA

[11] Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] POD	[21] O/G	[22] POD ULSTR Location and Description
7057	EL PASO FIELD SERVICES P.O. BOX 1492 EL PASO, TX 79978		G	L-18-T028N-R004W

IV. Produced Water

[23] POD	[24] POD ULSTR Location and Description

V. Well Completion Data

[25] Spud Date	[26] Ready Date	[27] TD	[28] PBTD	[29] Perforations

[30] Hole Size	[31] Casing & Tubing Size	[32] Depth Set	[33] Sacks Cement

VI. Well Test Data

[34] Date New Oil	[35] Gas Delivery Date	[36] Test Date	[37] Test Length	[38] Tbg. Pressure	[39] Csg. Pressure
[40] Choke Size	**[41] Oil**	**[42] Water**	**[43] Gas**	**[44] AOF**	**[45] Test Method**

[46] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Dolores Diaz

Printed Name: Dolores Diaz

Title: Production Associate

Date: 7/11/96

Phone: (505) 326-9700

OIL CONSERVATION DIVISION

Approved by: Frank T. Chavez

Title: District Supervisor

Approved Date: July 11, 1996

[47] If this is a change of operator fill in the OGRID number and name of the previous operator
14538 Meridian Oil Production

Previous Operator Signature	Printed Name	Title	Date
Signature: Dolores Diaz	Dolores Diaz	Production Associate	7/11/96

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED
MAY 28 1999
OIL CON. DIV.
DIST. 3

1. **Type of Well**
GAS

Lease Number
NM-03862
If Indian, All. or Tribe Name

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

Unit Agreement Name
San Juan 28-4 Unit

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

8. **Well Name & Number**
San Juan 28-4 U#26
9. **API Well No.**
30-039-07420
10. **Field and Pool**
Blanco Mesaverde
11. **County and State**
Rio Arriba Co, NM

4. **Location of Well, Footage, Sec., T, R, M**
1850'FSL 790'FWL, Sec.18, T-28-N, R-4-W, NMPM
L

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

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 -	

13. **Describe Proposed or Completed Operations**

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

070 FARMINGTON NM 2:26

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

Signed Peggy Bradfield (JLD) Title Regulatory Administrator Date 1/21/99

TLW

(This space for Federal or State Office use)
APPROVED BY /S/ Duane W. Spencer Title Team Lead, Petroleum Management Date MAY 26 1999
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

San Juan 28-4 Unit #26

Cliffhouse/Menefee Pay Add Procedure
Unit B, Section 18, T28N, R4W
Lat: 36° - 39.52788'/ Long: 107° - 17.83536'

The well is currently completed in the Point Lookout. It is intended to add the Cliffhouse and Menefee to the existing Mesaverde producer. The pay add will be sand fracture stimulated in a single stage using a total of 117,000 gals slickwater and 100,000 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 3 jts 2-7/8" N-80 tubing, 2-7/8" X 3-1/2" N-80 crossover, 6700', 3-1/2" frac string and 9, 400 bbl frac tanks

2. MIRU. Fill 400 bbl tanks. Fill w/ 3# biocide/tank & 2% KCL water. Put one load of fresh water in each tank before adding 20% concentrated KCL water. Run fluid tests on water. Filter water based upon stimulation company solids water analysis. 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 ± 6830'. Visually inspect tubing, note and report any scale in/on tubing. Replace bad joints as needed.

4. PU and RIH with a 4-3/4" bit and 5-1/2" (15.5 lb/ft) casing scraper on the 2-3/8" tubing. Clean out to PBTD (~6850') with air. TOOH.

5. RIH with 5-1/2" CIBP, packer on 2-3/8" tubing. Set CIBP at 6630'. Release from CIBP. Load hole with 265 bbls 2% KCL water. Set packer just above CIBP. Pressure test CIBP to 3600 psi. Bleed off pressure. Pressure test annulus to 500 psi. Bleed off pressure. Release packer and PUH to 6620'. Spot 10 bbls 15% HCL across Cliffhouse/Menefee perforations (6274-6614'). TOOH.

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

2 gal	HAI-81M	Corrosion inhibitor
5 gal	FE-1A	Iron Control
5 gal	FE-2A	Iron Control
1 gal	SSO-21	Surfactant
1 gal	ClaSta XP	Clay control

6. Run GR-CBL-CCL from PBTD to 4600'. Evaluate CBL. Top of good cement must be above 6100' to continue with procedure. Tie into liner top at 4648' for correlation.

7. RU wireline. Perforate Cliffhouse and Menefee as follows using select fire HSC guns loaded with Owens HSC-3125 302T 10 gram charges (Av. perf diameter - 0.29", Av. pen. -16.64" in concrete).

   6274', 6276', 6286', 6297', 6299', 6313', 6315', 6321', 6323', 6326', 6328', 6356', 6358', 6392', 6396', 6453', 6454', 6456', 6496', 6498', 6536', 6538', 6554', 6556', 6563', 6565', 6596', 6598', 6612', 6614' (30 holes total)

   RDMO wireline company.

8. TIH with 5-1/2" packer, 3 jts 2-7/8" N-80 tubing, 2-7/8" X 3-1/2" N-80 crossover, and remaining 3-1/2" frac string. Set packer at 6150'.

9. RU stimulation company. Hold tailgate safety meeting. Pressure test surface lines to 6500 psi. Hold 500 psi on annulus. Monitor pressure on annulus. Breakdown Cliffhouse and Menefee perforations with 25 bbls 15% HCL. Drop 60 RCN 7/8" 1.3 specific gravity perf balls evenly spaced throughout job. Attempt to balloff to 3600 psi. Use same additives as in Step #5. Bleed off pressure and release packer. Lower packer to 6620' to knock off perf balls. Reset packer at 6150'.

10. **Maximum surface treating pressure is 5500 psi.** Hold 500 psi on annulus, behind packer, and monitor during the job. Fracture stimulate the Cliffhouse and Menefee with 100,000 lbs 20/40 Arizona sand in 2,738 bbls slickwater at **50 BPM**. Average surface treating pressure will be 4464 psi. **If injection pressures allow, adjust sand schedule to increase 2.0 ppg stage.** Estimated tubing and perforation friction will be 4354 psi. Treat per the following schedule:

Stage	Water (gals)	Sand Volume (lbs)
Pad	15,000	
0.5 ppg	30,000	15,000
1.0 ppg	45,000	45,000
1.5 ppg	20,000	30,000
2.0 ppg	5,000	10,000
Flush	2,257	
Totals	**117,257**	**100,000**

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

11. Open well through choke manifold and monitor flow. Flow at 20 BPH or less, if sand is observed. When pressures allow, release packer and TOOH. LD 3-1/2" frac string, 3-1/2" X 2-7/8" crossover, 2-7/8" N-80 tubing, and 5-1/2" packer.

12. RIH with 4-3/4" bit on 2-3/8" tubing and clean out to CIBP at 6630'. Alternate between natural flow and blow stages for cleanup. Monitor gas and water returns when applicable. Obtain a representative Cliffhouse/Menefee pitot gauge. Drill up CIBP at 6630'. Use a 10-12 BPH mist rate while drilling CIBP. Continue to CO to PBTD. Alternate between natural flow and blow periods at PBTD. When water rates are less than 3 BPH, obtain a Cliffhouse/Menefee/Point Lookout pitot gauge. TOOH.

14. TIH with an expendable check, one joint 2-3/8" tubing, standard SN and remaining 2-3/8" tubing string. Broach tubing while running in hole. CO with air/mist to PBTD again, if necessary. Land tubing at 6830'. ND BOP. NU WH. Pump off expendable check. RDMO. Contact Production Operations for well tie-in.

San Juan 28-4 Unit #26
1998 Discretionary Cliffhouse/Menefee Pay Add

Recommended: _____ Production Engineer

Approved: _____ 12/10/98 Drilling Superintendent

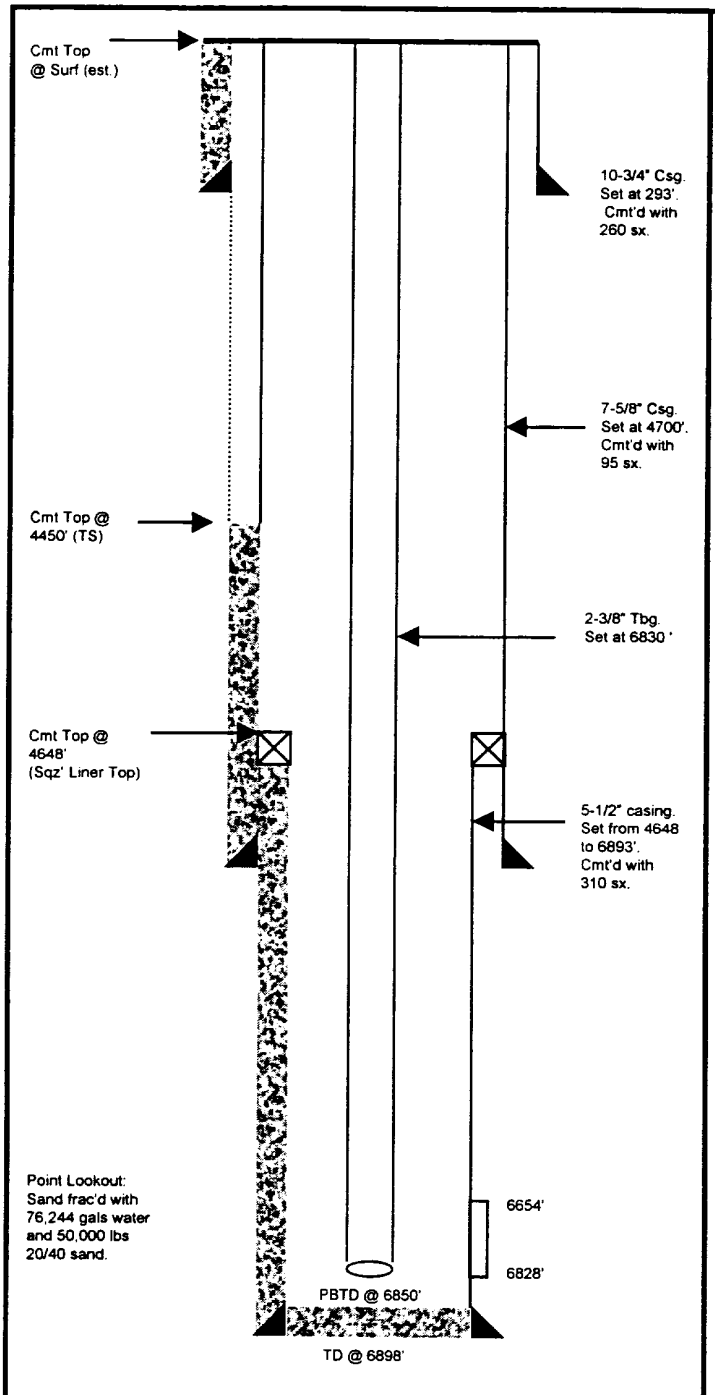
Approved: _____ 12/8/98 Team Leader

Jennifer Dobson 599-4026 (work) 564-3244 (home) 324-2461 (pager)

San Juan 28-4 Unit #26

Unit L, Section 18, T28N, R4W
Rio Arriba County, NM
Lat: 36° - 39.52788'/Long: 107° - 17.83536'

Current Schematic



Proposed Schematic