submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
SF-078503

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**
San Juan 29-7 Unit

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

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DEC 24 1998

8. **Well Name & Number**
San Juan 29-7 U#94A

9. **API Well No.**
30-039-21630

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

4. **Location of Well, Footage, Sec., T, R, M**
1790'FNL 800'FWL, Sec.19, T-29-N, R-7-W, NMPM

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		
_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 Lewis pay to the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram.

98 DEC 15 PM 1:50
070 FARMINGTON, NM
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14. **I hereby certify that the foregoing is true and correct.**

Signed Peggy Bradfield (JLD) Title Regulatory Administrator Date 12/14/98

TLW

(This space for Federal or State Office use)

APPROVED BY /S/ Duane W. Spencer Title _____ Date DEC 21 1998

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 29-7 Unit #94A

Lewis Pay Add Procedure

Unit F, Section 19, T29N, R07W

Lat: 36°- 42.84486'/Long: 107° – 36.94608'

This well is currently completed in the Cliffhouse, Menefee, and Point Lookout intervals. It is intended to add the Lewis interval to this existing Mesaverde producer. The results of this payadd will be compared with a proposed Clear Frac and CO_2 frac in the same vicinity. The Lewis will be completed in a single stage with 200,000 lbs 20/40 sand in a 70Q 20lb linear gel.

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 2 jts 2-7/8" N-80 tubing and 3-400 bbl frac tanks.

2. MIRU. Fill 400 bbl tanks with 2% KCL water. Run fluid tests on water. Filter water based upon stimulation company 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 6008'. Visually inspect tubing, note and report any corrosion and/or scale in/on tubing. Replace bad joints as needed.

4. PU and RIH with a 3-7/8" bit, 4-1/2" (10.5 lb/ft) casing scraper on the 2-3/8" workstring hauled to location. Clean out to PBTD (~6029') with air/mist. TOOH.

5. TIH with 4-1/2" CIBP, packer and 2-3/8" tubing. Set CIBP at 4950'. Release from CIBP. Fill casing with ~166 bbls water. Set packer just above CIBP. Pressure test CIBP to 3600 psi. Bleed off pressure and release packer. PUH to 4820'. Spot 11 bbls 15% HCL. 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. NU wireline company. Run GR-CBL-CCL from PBTD to 200' above TOC behind 7" casing. Evaluate CBL. Tie into liner top at 3582' for correlation. Good cement bond must exist from PBTD to 4000' to continue with the procedure.

LEWIS:

7. TIH with 7" packer and 2 joints of 2-7/8" tubing for wellhead isolation. Set packer and pressure test casing to 3000 psi. Bleed off pressure. Release packer and TOOH.

8. NU wireline. Perforate Lewis with 30 holes using select fire HSC guns loaded with Owens HSC-3125 302T 10 gram charges set at 1 SPF (Av. perf diameter - 0.29", Av. pen. - 16.64" in concrete). ND wireline company.

4132', 4151', 4160', 4170', 4201', 4223', 4240', 4267', 4333', 4345', 4381', 4395', 4403', 4415', 4458', 4470', 4512', 4525', 4542', 4560', 4570', 4614', 4630', 4660', 4687', 4705', 4735', 4756', 4786', 4810' (30 holes total)

9. TIH with 4-1/2" packer and 2-3/8" tubing. Set packer at 3900'.

10. Pressure test surface lines to 4600 psi. Hold tailgate safety meeting. Establish an injection rate into perfs with 2% KCL water observing a maximum pressure of 3600 psi. Once pressure has broken back and stabilized, shut pumps down and obtain an ISIP. Continue to breakdown Lewis perforations with 25 bbls 15% HCL. Drop 60 RCN 7/8" 1.3 specific gravity balls evenly spaced. Attempt to ball off to 3600 psi surface pressure. Use the same additives as in Step 6. ND stimulation company.

11. Bleed off pressure. Release packer. Lower packer to 4850' to knock balls off of perforations. TOOH. Stand back 2-3/8" tubing.

12. TIH with 7" packer and 2 jts 2-7/8" tubing for wellhead isolation. Set packer.

13. **Maximum surface treating pressure is 3000 psi.** Fracture stimulate the Lewis with 200,000 lbs 20/40 Arizona sand in 2175 bbls 70Q 20 lb linear gel at **50 BPM**. Average surface treating pressure will be 2,561 psi. Perforation and casing friction is estimated to be 1,159 psi. Treat per the following schedule:

Stage	Downhole Foam Volume (gals)	Clean Gel Volume (gals)	N2 Volume (MSCF)	Sand Volume (lbs)
Pad	15,000	4,500	160.6	---
1.0 ppg	12,000	3,600	128.4	12,000
2.0 ppg	21,000	6,300	224.5	42,000
3.0 ppg	27,333	8,200	292.0	82,000
4.0 ppg	16,000	4,800	170.8	64,000
Flush (100' above top perf)	6,202	1,861	66.4	0
Totals	**97,535**	**29,261**	**1,043**	**200,000**

Cut rate throughout flush as pressure allows. Record ISIP, 5 minute, 10 minute and 15 minute SIP. RD stimulation company.

14. Flow well back after 30 minutes to 1 hour through a choke manifold. Open well to pit, starting with a 10/64" choke. If minimal sand is being produced, change to a larger choke size (16/64"). If choke plugs off, shut well in and remove obstruction from choke and return to flowback. Continue increasing choke size and cleaning well up until fluid returns are negligible.

15. When pressures allow, release packer and TOOH. LD 2-7/8" tubing and packer.

16. TIH with 3-7/8" bit on 2-3/8" tubing and clean out to CIBP at 4950'. Alternate between natural flow and blow stages for clean up. **When water rates are 5 BPH, obtain a Lewis pitot gauge**. Drill out CIBP at 4950'. Use a 10-12 BPH mist rate while drilling the plug.

17. Clean out to PBTD at 6029'. TOOH.

18. TIH with an expendable check, one 2-3/8" joint, standard SN and remaining 2-3/8" tubing. Broach tubing while running in hole. CO with air/mist to PBTD again, if necessary. **Obtain**

final Lewis/Cliffhouse/Menefee/Point Lookout pitot gauge. Land tubing at 6008'. ND BOP. NU WH. Pump off expendable check. RDMO. Contact Production Operations for well tie-in.

Recommended: _____ Production Engineer

Approved: _____ 12/10/98 Drilling Superintendent

Approved: _____ 11/24/98 Team Leader

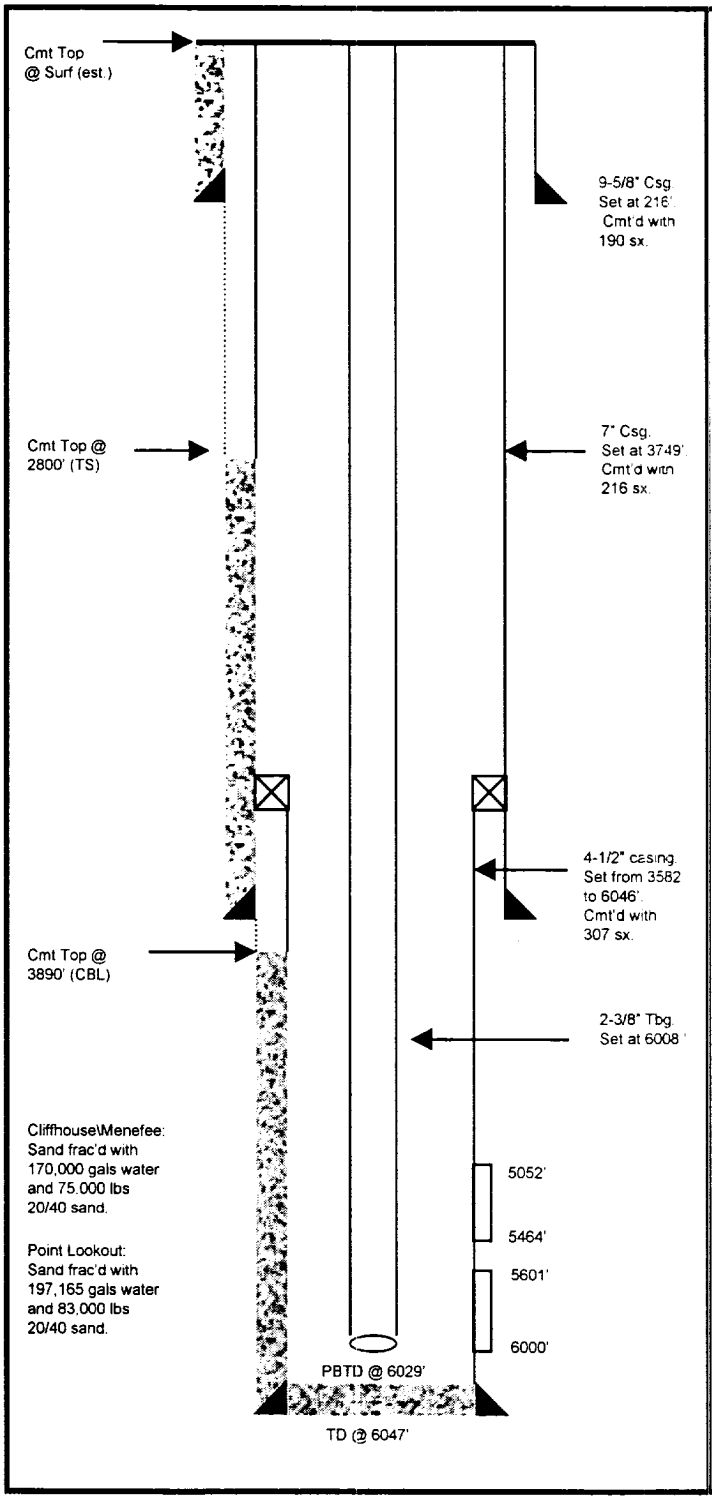
Contact:

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

San Juan 29-7 Unit #94A

Unit F, Section 19, T29N, R7W
Rio Arriba County, NM
Lat: 36° - 42.84486'/Long: 107° - 36.94608'

Current Schematic



Proposed Schematic