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

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**
1650'FNL, 1180'FEL, Sec.21, T-30-N, R-6-W, NMPM

H

5. **Lease Number**
SF-080712A

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 #54

9. **API Well No.**
30-039-07805

10. **Field and Pool**
WC:30N6W21H Pict.Cliffs/ 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	
	_X_ Recompletion	___ New Construction	
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	___ Other -		

13. **Describe Proposed or Completed Operations**

It is intended to recomplete the subject well in the Pictured Cliffs formation according to the attached procedure and wellbore diagram. The well will then be dualled.

RECEIVED
JUL 29 1999
OIL CON. DIV.
DIST. 3

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

Signed Peggy Bradfield (JLDOpps) Title Regulatory Administrator Date 7/12/99

no

(This space for Federal or State Office use)
APPROVED BY /S/ Duane W. Spencer Title Team Lead, Petroleum Management Date JUL 27 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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District 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-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
30-039-07805	96952 / 72319	WC:30N6W21H Pict.Cliffs/Blanco Mesaverde

⁴ Property Code	⁵ Property Name	⁶ Well Number
7469	San Juan 30-6 Unit	54

⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
14538	Burlington Resources Oil & Gas Company	6447 GR

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
H	21	30N	6W		1650	North	1180	East	RA

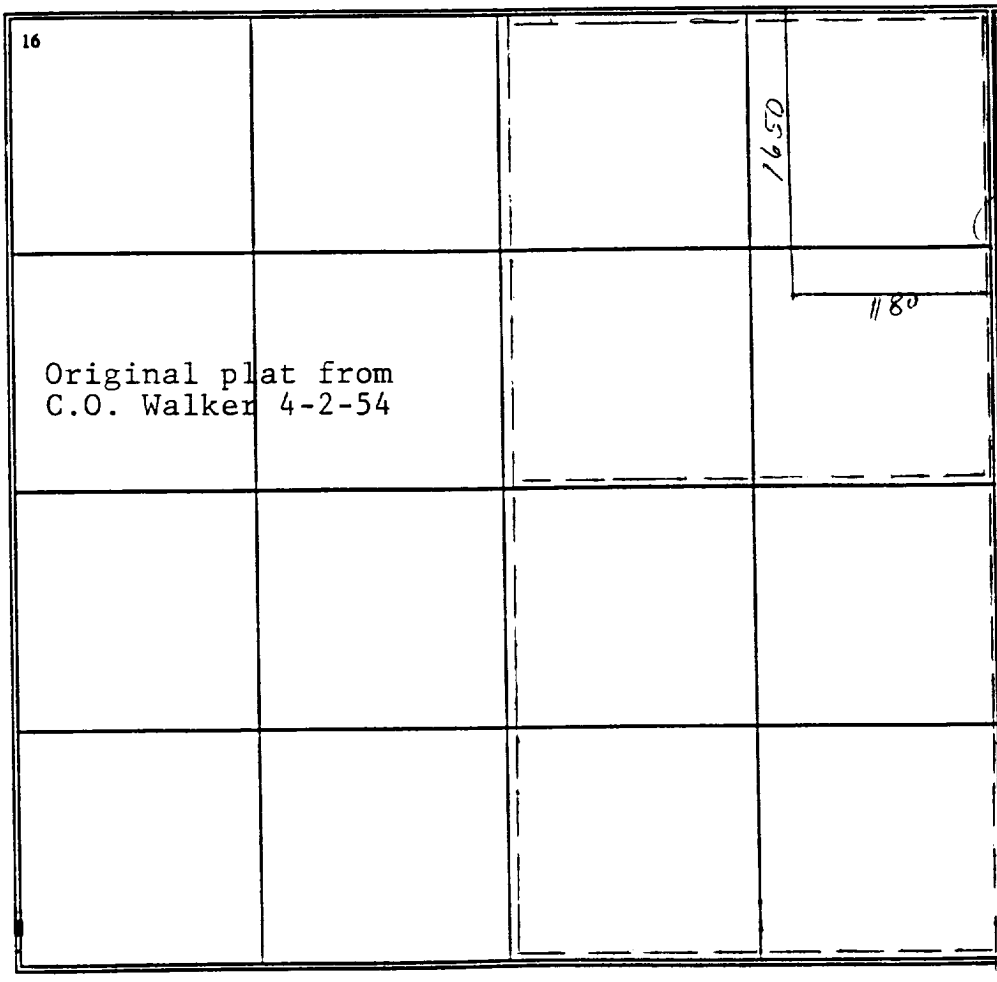
¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
PC - 160 MV-E/320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

7-12-99
Date

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyer:

Certificate Number

OK (E)

San Juan 30-6 Unit #54
Pictured Cliffs Recompletion Procedure
Unit I, Section 15, T30N, R06W
Lat: 36°- 48.57786'/Long: 107° – 26.64552'

This well is currently completed in the Mesaverde. It is intended to recomplete the Pictured Cliffs interval and produce the well as a dual with a production packer set in the 7-5/8" casing, thereby producing the Pictured Cliffs up the annulus. The Pictured Cliffs will be completed in a single stage with 100,000 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 3500', 1-1/2", 2.76 lb/ft, IJ tubing, 3500' 3-1/2", 9.2 lb/ft frac string, and 2-400 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. **Service production wellhead for dual service.**

3. TOOH with 2-3/8" Mesaverde production string set at 5717'. Visually inspect tubing, note and report any corrosion and/or scale in/on tubing. Replace bad joints as needed.

4. Run a gauge ring for 7-5/8", 26.4 lb/ft, J-55 casing to 5-1/2" liner top at 3527'. ND wireline company. If unable to run gauge ring to 5-1/2" liner top, PU 7-5/8", 26.4 lb/ft, J-55 casing scraper and round trip to liner top.

5. TIH with 7-5/8" tubing set RBP on 2-3/8" tubing. Set RBP at ~3500'. Release from RBP and fill casing with approximately 165 bbls 2% KCL. PUH to 3435'. Spot 4 bbls 15% HCL acid across Pictured Cliffs perforation interval (3396-3432'). 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 7-5/8" casing. Evaluate CBL. Good cement bond must exist from PBTD to 3250' to continue with the procedure.

7. NU wireline. Perforate Pictured Cliffs with 28 holes using select fire HSC guns loaded with Owens HSC-3125 306T 12 gram charges set at 2 SPF (Av. perf diameter - 0.30", Av. pen. -17.48" in concrete). ND wireline company.

   3396', 3398', 3402', 3404', 3406', 3410', 3413', 3417', 3421', 3422', 3425', 3427', 3428', 3432' (28 holes total)

8. TIH with 7-5/8" packer and 3-1/2" frac string. Set packer just above RBP at 3500'. Pressure test RBP and frac string to 3600 psi. Bleed off pressure. Release packer and PUH to 3200'. Set packer.

9. RU stimulation company. Pressure test surface lines to 6000 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 Pictured Cliff perforations with 25 bbls 15% HCL. Drop 56 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 5. ND stimulation company.

10. Bleed off pressure. Release packer. Lower packer to 3450' to knock balls off of perforations. PUH and set packer at 3300'.

11. **Maximum surface treating pressure is 5000 psi.** Fracture stimulate the Pictured Cliffs with 100,000 lbs 20/40 Arizona sand in 970 bbls 70Q 20 lb linear gel foam at **35 BPM** constant downhole rate. **Maintain a bottom hole frac gradient of 0.65 psi/ft throughout job. Tag sand with 3 radioactive tracers.** When sand is in hopper and the concentration begins to drop, call flush. Maintain previous stage's slurry and N_2 rates. Quick flush to 100 ft above top perforation. Average surface treating pressure will be 4,000 psi. Perforation and casing friction is estimated to be 3322 psi. Treat per the following schedule:

Stage	Downhole Foam Volume (gals)	Clean Gel Volume (gals)	N2 Volume (MSCF)	Sand Volume (lbs)
Pad	4,250	1,275	54.1	---
1.0 ppg	6,000	1,800	76.3	6,000
2.0 ppg	9,500	2,850	120.7	19,000
3.0 ppg	9,000	2,700	114.3	27,000
4.0 ppg	12,000	3,600	152.3	48,000
Flush (100' above top perf)	1,206	492	13.0	0
Totals	**41,956**	**12,717**	**531**	**100,000**

Record ISIP, 5 minute, 10 minute and 15 minute SIP. RD stimulation company.

12. RU flowback line and choke manifold. Flow well back after 30 minutes to 1 hour. Open well to pit, starting with a 8/64" choke. If minimal sand is being produced, change to a larger choke size (10/64"). 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.

13. When pressures allow, release packer and TOOH. LD 3-1/2" frac string and packer.

14. TIH with 7-5/8" RBP retrieving head on 2-3/8" tubing and clean out to RBP at 3500'. Alternate between natural flow and blow stages for clean up. **When water rates are 3 BPH, obtain a Pictured Cliffs pitot gauge.** When sand production allows, latch on to RBP. Release RBP and allow pressures to equalize. TOOH with RBP and LD.

15. TIH with an expendable check, one 2-3/8" joint, standard SN, approximately 71 joints of 2-3/8" EUE tubing, Baker 5-1/2" R-3 production packer with 1.9 ID and remaining 2-3/8" EUE tubing. Broach tubing. Set packer at approximately 3625'. Land end of 2-3/8" tubing as close to 5717' as possible. PU and TIH with one joint of 1-1/2", 2.76#, IJ tubing bull plugged with a perforated sub, aluminum pump off plug, and 1.375" seating nipple. TIH with remaining 1-1/2", 2.76#, IJ tubing. Broach tubing while RIH. Land 1-1/2" tubing at 3432'.

16. ND BOP. NU dual wellhead and manifold assembly. Ensure all connections on wellhead are tight. Pump off 2-3/8" expendable check. Flow well up 2-3/8" tubing. Pump off 1-1/2"

expendable check. Flow well up 1-1/2" tubing. Shut in both stings and monitor pressure for packer leakage test. Open MV side and obtain stabilized pitot gauges at 15, 30, 45, and 60 min up the MV tubing string. Monitor Pictured Cliffs side for pressure communication. Open Pictured Cliffs side and obtain stabilized pitot gauges at 15, 30, 45, and 60 min up the Pictured Cliffs tubing string. Record on DFW report. RDMO. Contact Production Operations for well tie-in.

17. RU Protechnics. Run After-Frac log across Pictured Cliffs (3396-3432') through the Mesaverde 2-3/8" production string. RD Pro-Technics.

Recommended: _____
Production Engineer

Approved: _____
Drilling Superintendent

Approved: _____ 7/6/99
Team Leader

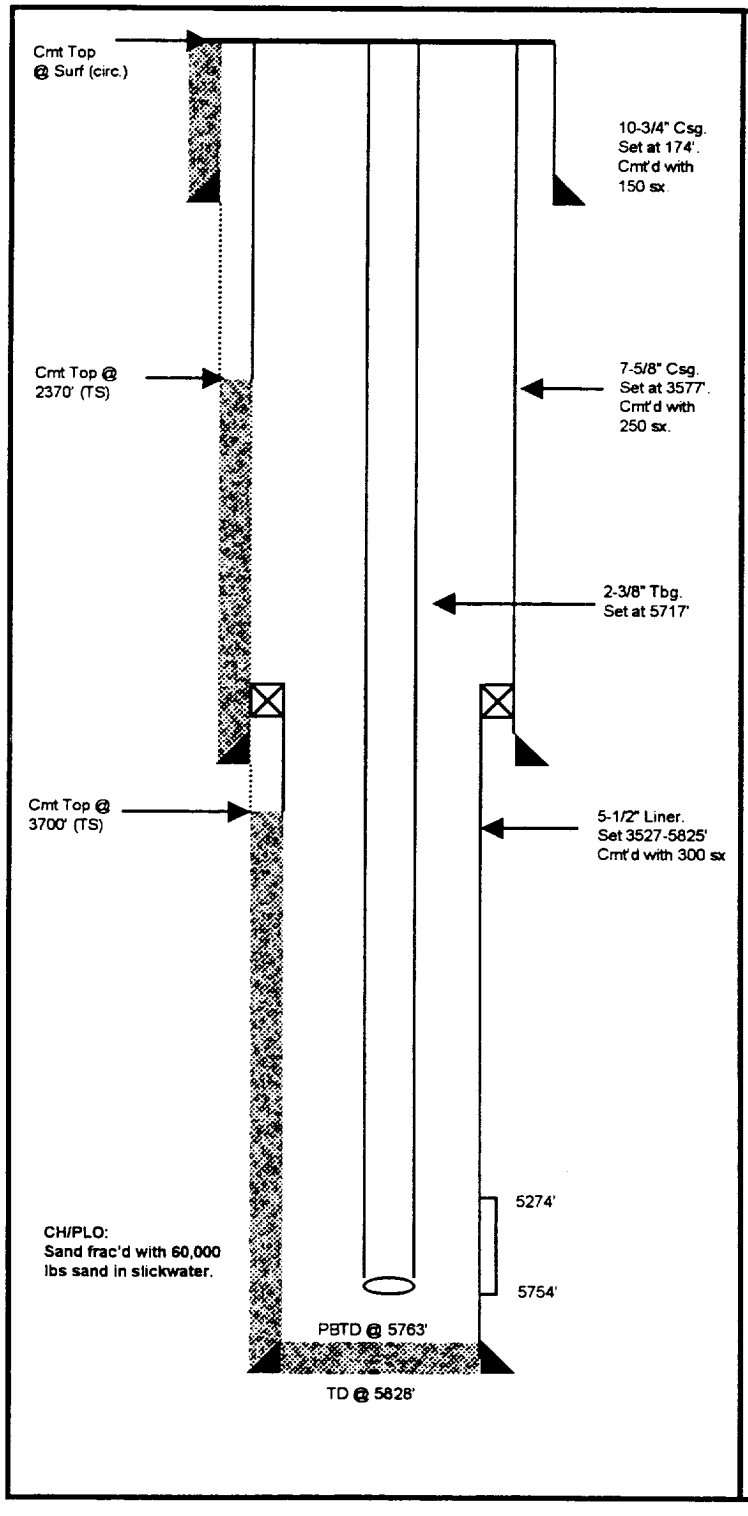
Contact:

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

San Juan 30-6 Unit #54

Unit H, Section 21, T30N, R6W
Rio Arriba County, NM
Lat: 36° - 48.04596'/Long: 107° - 27.7698'

Current Schematic



Proposed Schematic