

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

98 JUN -8 PM 4:11

1. Type of Well
GAS

5. Lease Number
SF-078919
6. If Indian, All. or
Tribe Name

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

820' FNL, 1845' FWL, Sec. 12, T-29-N, R-7-W, NMPM

7. Unit Agreement Name
San Juan 29-7 Unit

8. Well Name & Number
San Juan 29-7 Unit #37A

9. API Well No.
30-039-23951

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

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to recomplete the Pictured Cliffs formation in the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JUN 12 1998
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (BLG) Title Regulatory Administrator Date 5/21/98
VKH

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Regulatory Administrator Date JUN 10 1998

CONDITION OF APPROVAL, if any:

21

AMOCN

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

District II
PO Drawer 00, 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

Form U-
Revised February 21, 1988

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

RECEIVED
SLM

☐ AMENDED REPORT

98 JUN -8 PM 4:11

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number' 30-039-23951	'Pool Code' 72319/77200	'Well Name' Blanco Mesaverde/Fulcher Kutz Pict Cliff
'Property Code' 7465	'Property Name' SAN JUAN 29-7 UNIT	
'OGRID No.' 14538	'Operator Name' BURLINGTON RESOURCES OIL & GAS COMPANY	
		'Well Number' 37A
		'Elevation' 6369'

10 Surface Location

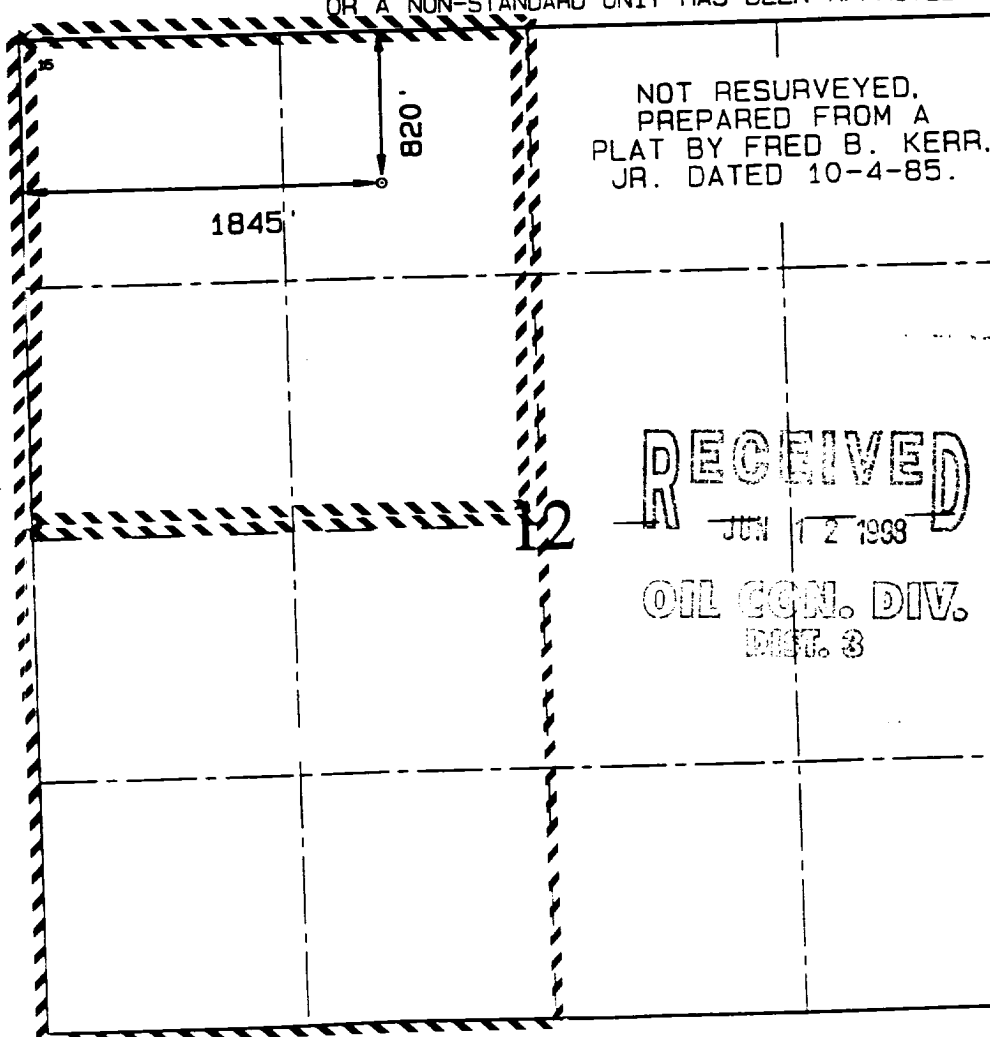
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
C	12	29N	7W		820	NORTH	1845	WEST	RIO ARRI

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County

'Dedicated Acres' 160 W/320	'Joint or Infill'	'Consolidation Code'	'Order No.' 160 acres for density purposes for the PC 320 acres for revenue purposes for the PC
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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



17 OPERATOR CERTIFICATION

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

Signature

Peggy Bradfield

Printed Name

Regulatory Administrator

Title

Date

6-8-98

18 SURVEYOR CERTIFICATION

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

JUNE 3, 1998

Date of Survey

Signature and Seal of Professional

NEALE C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR

San Juan 29-7 Unit #37A
Burlington Resources Oil & Gas
Pictured Cliffs Recompletion
Unit C, Sec 12, T29N - R07W
Lat: 36° 44.73'
Long: 107° 31.48'

-
- Comply with all BLM, NMOCD, & BR rules & regulations.
 - **Always Hold Safety Meetings.** Place fire and safety equipment in strategic locations.
 - Spot and fill 2 frac tanks with 4% KCl water
 - (1) 7" RBP required for 7" 20# J-55 casing
 - (1) 7" Model 'EA' Retreivamatic Packer
 - (1) 7" Model R-3 Production Packer
 - 3500' 3-1/2" 9.3# N-80 Frac string
-

The well is completed in the Blanco Mesaverde (Point Lookout, Menefee, and Cliffhouse) and is currently producing 169 MCFD. Cumulative production is 918 MMCF with remaining reserves of 1134 MMCF. The Pictured Cliffs will be recompleted in this well and treated with a 70 Quality foam and 20# Linear gel fracture stimulation. The well is to be completed as a dual with a production packer set in the 7" casing and the Pictured Cliffs producing up the annulus.

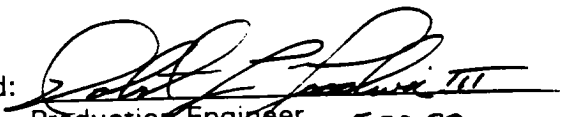
NOTE: Point Lookout perfs open 5417' - 5796'
Cliffhouse/Menefee perfs open 5004' - 5314'

1. MIRU. Record and report SI pressures on tubing, casing, and bradenhead. Blow down casing and tubing. Kill well w/ 2% KCl. ND WH, NU BOP.
2. TOOH with 2-3/8" 4.7# J-55 tubing from 5714' (191 joints) and standback. Visually inspect tubing, note any scale. Replace any bad tubing.
3. RU wireline unit. Run gauge ring to 3380'. Wireline set 7" RBP at 3370' to isolate the open Mesaverde perfs. POOH. Dump 2 sxs of sand on top of the RBP. TIH with 7" pkr, set at 3350', pressure test to 3000 psi. ***Note: Liner top is at 3395'**
4. Close pipe rams and pressure test 7" casing down annulus to 1000 psi for 10 minutes. If casing fails hunt hole(s) while tripping out of hole. Engineering (B. Goodwin at 326-9713) will provide squeeze design if required.
5. With hole loaded and 1000 psi, run CBL from 3350' to surface. Send logs into B. Goodwin for evaluation. RD wireline unit.
6. RU wireline under packoff. Perforate at the following depths with select fire HSC gun using Owen 3125-302T 10g charges (0.32" hole, 16.64" penetration), 2 SPF @ 120 degree phasing.

**3250', 3254', 3258', 3262', 3266', 3270', 3274', 3278', 3282', 3285', 3288',
3291', 3326', 3329', 3332' (30 total holes, 82' gross interval)**

7. TIH with 7" pkr on 3-1/2" 9.3# N-80 frac string set at 3100'.
8. RU stimulation company. Test surface lines to 4350 psi. **Max surface pressure = 3250 psi at 5 BPM. Max static pressure = 3000 psi.** Break down with 1000 gallons 15% HCl and 60 RCN 7/8" 1.3 s.g. ball sealers. Release pressure, RD stimulation company. Lower pkr to knock off perf balls. Reset pkr at 3100'.
9. RU flowback equipment so that flowback can commence within 30 min after shutdown.
10. RU stimulation company. Test surface lines to 8000 psi. **Max surface pressure = 7000 psi.** Stimulate w/135,000# 20/40 Arizona sand 70 Quality foam with 20# Linear Gel at 50 BPM. Frac will be tagged with 3 RA tracers. See attached frac schedule for details. (2 frac tank needed)
11. Shut well in after frac and record ISIP. RD stimulation company. Begin flowback on choke manifold within 30 min of shutdown. Open well to pit, starting with an 8/64" choke. If minimal sand is being produced, change to a larger choke size. If choke plugs off, change chokes and clean obstruction. Continue increasing choke size and cleaning well up until fluid returns are minimal. Take pitot gauges when possible. TOOH.
12. RD flowback equipment. TOOH.
13. TIH w/retrieving head on 2-3/8" tubing and clean out to RBP at 3370'. Pull above perfs and obtain a one hour stabilized pitot gauge on the Pictured Cliffs. Retrieve RBP, TOOH.
14. TIH with 2-3/8" tbg and clean out to PBTD. TOOH. An acid wash may be needed based on the condition of the tubing, contact B. Goodwin to discuss this procedure.
15. Hydrotest and run production tubing string as follows: expendable check, one joint 2-3/8" tubing, 1.78" seating nipple, and approx 78 jts tubing to Model R packer at 3370'. Run remaining 112 jts 2-3/8" tubing to surface. Land tubing @ 5714' with Model R packer at 3370'.
16. ND BOP's, NU single tubing hanger wellhead. Pump off expendable check. Obtain final pitot up tubing, and a final gauge up the casing. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production. **The Pictured Cliffs will be produced up the casing annulus.**

Recommended:


Production Engineer 5-20-98

San Juan 29-7 Unit #37A
Burlington Resources Oil & Gas
05/19/98

Approved:

 5/20/98
Basin Opportunities Team Leader

Approved:

Drilling Superintendent

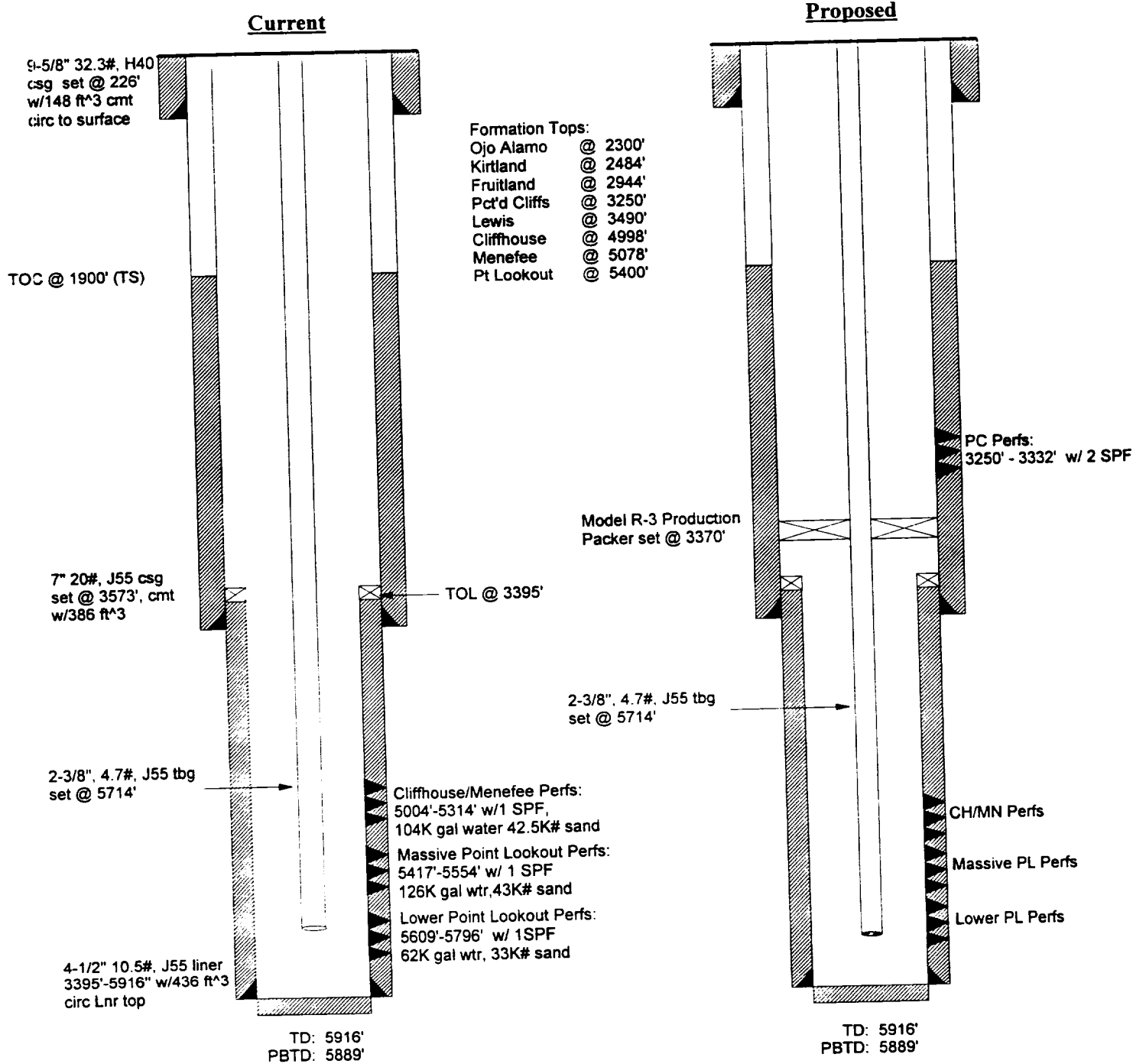
Vendors:

Wireline	Schlumberger	325-5006
Stimulation	Dowell	325-5096
RA Tagging	Pro-Technics	326-7133

Production Engineer: **Bobby Goodwin**
326-9713-work
564-7096-pager
599-0992-home

San Juan 29-7 Unit #37A

Blanco Mesaverde
Unit C, Section 12, T29N, R7W
Rio Arriba County, NM
Elevation: 6369' GR
LAT: 36 44.73' / LONG: 107 31.48'
date spud: 12/14/85



PERTINENT DATA SHEET

5/12/98

WELLNAME: San Juan 29-7 Unit # 37A				DP NUMBER: 1804 PROP. NUMBER:																																											
WELL TYPE: Blanco Mesaverde				ELEVATION: DF 6349' GL 6369'																																											
LOCATION: 820' FNL, 1845' FWL Unit C, Sec. 12, T29N, R07W Rio Arriba County, NM				INITIAL POTENTIAL: 0 MCFD INITIAL SITP: 901 psi																																											
OWNERSHIP: GWI: 62.5190% NRI: 52.8040% SJB: 0.0000% <div style="display: inline-block; vertical-align: top; margin-left: 20px;"> MY 87.5000% 72.8120% 0.0000% PC </div>				DRILLING: SPUD DATE: 12/14/85 COMPLETED: 12/22/85 TOTAL DEPTH: 5916' PBTD: 5889'																																											
CASING RECORD: <table border="1"> <thead> <tr> <th>HOLE SIZE</th> <th>SIZE</th> <th>WEIGHT</th> <th>GRADE</th> <th>DEPTH</th> <th>EQUIP.</th> <th>CEMENT</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>9-5/8"</td> <td>32.3#</td> <td>H40</td> <td>226'</td> <td>Casing</td> <td>148 ft^3</td> <td>Circ to Surface</td> </tr> <tr> <td>8-3/4"</td> <td>7"</td> <td>20#</td> <td>J55</td> <td>3573'</td> <td>Casing</td> <td>386 ft^3</td> <td>1900' (TS)</td> </tr> <tr> <td>6-1/4"</td> <td>4-1/2"</td> <td>10.5#</td> <td>J55</td> <td>3395'-5916'</td> <td>Casing</td> <td>436 ft^3</td> <td>Circ In to top</td> </tr> <tr> <td></td> <td>2-3/8"</td> <td>4.7#</td> <td>J55</td> <td>5714'</td> <td>Tubing SN @ 5680'</td> <td></td> <td></td> </tr> </tbody> </table>								HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	9-5/8"	32.3#	H40	226'	Casing	148 ft^3	Circ to Surface	8-3/4"	7"	20#	J55	3573'	Casing	386 ft^3	1900' (TS)	6-1/4"	4-1/2"	10.5#	J55	3395'-5916'	Casing	436 ft^3	Circ In to top		2-3/8"	4.7#	J55	5714'	Tubing SN @ 5680'		
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PERFORATIONS Massive PL 5417' - 5554' (16 holes) Lower PL 5609' - 5796' (7 holes) Cliffhouse 5004' - 5314' (17 holes)																																															
STIMULATION: Massive PL Frac w/ 126K gal. water, 43K # sand Lower PL Frac w/ 62K gal. water, 33K # sand Cliffhouse Frac w/ 104K gal. water, 42.5K # sand																																															
WORKOVER HISTORY: None																																															
PRODUCTION HISTORY: Cumulative 918 MMCF Current 169 MCFD				RESERVE INFORMATION: Gross EUR 2,052 MMCF Gross Remaining Reserves 1,134 MMCF																																											
PIPELINE: El Paso Natural Gas																																															