## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

	AFFEIGATIO	N FOR PERMIT TO DRILL, DEE	LII, OR FLUG BAUK		
1a.	Type of Work		5. Lease Number		
	DRILL	70 Partity facilities	NM-02151B		
			Unit Reporting Number		
			MV-8910005380		
ib.	Type of Well		6. If Indian, All. or Tribe		
	GAS				
2.	Operator		7. Unit Agreement Name		
	BURLINGTON				
		Oil & Gas Company	San Juan 30-6 Unit		
3.	Address & Phone No. of Operator		8. Farm or Lease Name		
	PO Box 4289, Farmin	ngton, NM 87499	San Juan 30-6 Unit		
		12 1A 15 /6 17 70	9. Well Number		
	(505) 326-9700		93М		
4.	Location of Well	= 0003	70. Field, Pool, Wildcat		
₹.	<del>1210'</del> FSL, <del>660</del> ' FWL	APR 2003	La Jara Pictured Clif		
	540 340		Blanco MV/Basin DK		
	•		11. Sec., Twn, Rge, Mer. (NMPM)		
	Latitude 36 <sup>0</sup> 45.9, Lo	ongitude \070 34.9	조기 M Sec. 33, T-30-N, R-7-		
		The state of the s	API# 30-039- 26894		
14.	Distance in Miles from Neare	not Tourn	<u> </u>		
14.	6 miles from Navajo	The read	12. County 13. State Rio Arriba NM		
	o milios illom navajo	Cloy	NIO ALLIDA MM		
15.	Distance from Proposed Loc	ation to Nearest Property or Lease	Line		
	660'				
16.	Acres in Lease		17. Acres Assigned to Welj		
	• • •		PC - 160 Suff		
		•	MV/DK - 320 W/2		
18.	Distance from Proposed Lee	estion to Necrest Well Dyle Compl	or Applied for an this Lagra		
10.	800'	ation to Nearest Well, Drlg, Compl	, or Applied for on this Lease		
	This s	action le subject to technical and			
	Proposed Depth proces	dural review pursuant to 43 CFR 31	<sup>ಟರ್</sup> ಿ 20. Rotary or Cable Tools		
1 <del>9</del> .	7633' and a	ppeal pursuant to 43 CFR 3165.4.	Rotary		
19.			<u> </u>		
		1 1	22. Approx. Date Work will Start		
19. 21.	Elevations (DF, FT, GR, Etc.)				
	<del>6296'</del> _GR		•		
21.	62964 GR 4243				
	62964 GR 4243  Proposed Casing and Cemer	nting Program			
21.	62964 GR 4243	nting Program	SUBJECT TO COMPLIANCE WITH ATTA		
21.	62964 GR 4243  Proposed Casing and Cemer	nting Program			
21.	62964 GR 4243  Proposed Casing and Cemer	nting Program	SUBJECT TO COMPLIANCE WITH ATTA "GENERAL REQUIREMENTS".		
21.	62964 GR 4243  Proposed Casing and Cemer	nting Program	SUBJECT TO COMPLIANCE WITH ATTA		
21.	Proposed Casing and Cemer See Operations Plan  Authorized by:	nting Program	SUBJECT TO COMPLIANCE WITH ATTA "GENERAL REQUIREMENTS". //-/6-0/		
21.	Proposed Casing and Cemer See Operations Plan  Authorized by:	nting Program n attached	SUBJECT TO COMPLIANCE WITH ATTA "GENERAL REQUIREMENTS". //-/6-0/		
21. 23. 24.	Proposed Casing and Cemer See Operations Plan  Authorized by:	nting Program n attached	SUBJECT TO COMPLIANCE WITH ATTA "GENERAL REQUIREMENTS":  //-/6-0  Date		

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3
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 presentations as to any matter within its jurisdiction.

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

District II PO Drawer OD, Artesia. NM 88211-0719

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

District IV PO Box 2088, Senta Fe. NM 87504-2088

LAT: 35 45,8050 N LONG: 107 35.0147 W

5280.00

State of New Mexico Energy, Hinerals & Naturel Resources Department

DIL 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

LOWARD

Certificate Number

WELL LOCATION AND ACREAGE DEDICATION PLAT API NUMBER-Pool Name Basin Dakota 86199/72319/71599 La Jara Pictured Cliffs/Blanco Mesaverde/ 30-039-Property Name Property Code ME<sub>2</sub> SAN JUAN 30-6 UNIT 7469 Elevation \*Operator Name OGRIO No. 6293 BURLINGTON RESOURCES OIL & GAS COMPANY, LP 14538 10 Surface Location County North/South Line East/Most life Feet from the Lot Ion UL or lot no. Anna RIO WEST 540 SOUTH 340 MOE 7W 33 M ARRIBA 11 Bottom Hole Location If Different From Surface UL or lot no. "Joint or Infill Coresisdetion Code Order No. Dedicated Acres DK-W/320, MV-W/320, PC-160NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION 52B0.00' I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Reissued to show revised Signature 1ocation Peggy Cole Printed Name Regulatory Supervisor Bw1 Title 10.15-02 Date MM-02/51-8 "SURVEYOR CERTIFICATION" 8 I hereby certify that the well location shown on this plat was plotted from field notes of actual aureops made by me or unk my supervision, and that the hame is true and correct to the best of my belief. 8 Survey Date: SEPTEMBER 9, 20 Signature and Seal of Professional Survey EDWARDS 200, A MELIC ALFESSION 2300

bmitted in lieu of Form 3160-5

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wel	ls	
	5.	
1. Type of Well GAS	6.	NMNM-02151B If Indian, All. or Tribe Name
	7.	Unit Agreement Name
2. Name of Operator		
BURLINGTON RESOURCES OIL & GAS COMPANY		San Juan 30-6 Unit
3. Address & Phone No. of Operator	. 8.	. Well Name & Number San Juan 30-6 U #931
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	. API Well No.
4. Location of Well, Footage, Sec., T, R, M 540'FSL, 340'FWL, Sec.33, T-30-N, R-7-W, NMPM	. 10	30-039- D. <b>Field and Pool</b> La Jara Pict Cliffs/
	11	Blanco MV/Basin DK L. County and State Rio Arriba Co, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE		ER DATA
Type of Submission Type of Ac _X_ Notice of Intent Abandonment	X Change of I	Plans
Recompletion Recompletion Plugging Back Casing Repair	New Constru Non-Routine Water Shut	e Fracturing
Final Abandonment Casing Repair  Altering Casing _  X Other -		
13. Describe Proposed or Completed Operations		
The subject well has been moved from 1210'FSL, 6 540'FSL, 340'FWL, Sec. 33, T-30-N, R-7-W Attached are a new C-102 plat, Topograph APR 20	at the reques	t of the BLM.
14. I hereby certify that the foregoing is true and Signed (CDS) Title Regulator		Date 10/15/02 
(This space for Federal or State Office use) APPROVED BY CONDITION OF APPROVAL, if any:	Date	APR 1 0 2003

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.

### OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #93M

Location: 1210'FSL, 660'FWL, Section 33, T-30-N, R-7-W

Rio Arriba County, New Mexico

Latitude 36° 45.9, Longitude 107° 34.9

Formation: La Jara Pictured Cliffs/Blanco Mesa Verde/Basin Dakota

Elevation: 6296'GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	2108′	
Ojo Alamo	2108'	2283'	aquifer
_	2283'		adurrer
Kirtland		2693'	
Fruitland	2693!	3148'	gas
Pictured Cliffs	3148'	3308'	gas
Lewis	3308 <b>′</b>	3833 <b>′</b>	gas
Intermediate TD	3408'		
Huerfanito Bentonite	3833 <b>′</b>	4153'	gas
Chacra	4153'	4883'	gas
Cliff House	4883'	4983'	_
Menefee	4983'	5348 <b>′</b>	gas
Point Lookout	5348'	5748 <b>′</b>	gas
Mancos	5748 <b>'</b>	6603 <b>′</b>	gas
Gallup	6603 <b>'</b>	7328 <b>′</b>	gas
Greenhorn	7328'	7378'	gas
Graneros	7378'	7443'	gas
Dakota	7443′		gas
TD	7633'		

#### Logging Program:

Mud logs - none

Open hole - Array Induction - intermediate TD to surface;

CDL-CNL - intermediate TD to 2200'

Cased hole - CBL-CCL-GR - TD to surface

Cores - none

## Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200	' Spud	8.4-9.0	40-50	no control
200- 340	8' LSND	8.4-9.0	30-60	no control
3408- 763	3' Air/N2	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

#### Casing Program (as listed, the equivalent, or better):

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3408'	7"	20.0#	J-55
6 1/4"	3308' - 7633'	4 1/2"	10.5#	K-55

#### Tubing Program:

0' - 7633' 2 3/8" 4.7# J-55

## BOP Specifications, Wellhead and Tests:

#### Surface to Intermediate TD -

11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

#### Intermediate TD to Total Depth -

11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

## Surface to Total Depth -

2" nominal, 3000 psi minimum choke manifold (Reference Figure #2).

#### Completion Operations -

7 1/16" 3000 psi double gate BOP stack (Reference Figure #3). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

#### Wellhead -

9 5/8" x 7" x 2 3/8" x 3000 psi tree assembly.

#### General

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- · BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

## Cementing:

9 5/8" surface casing - cement with 159 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

#### 7" intermediate casing -

Lead w/352 sx 50/50 Class "G" TXI Liteweight cement with 2% calcium chloride, 2.5% sodium metasilicate, 10 pps Gilsonite and 0.5 pps Celloflake. Tail w/90 sx Class "G" 50/50 poz w/2% gel, 2% calcium chloride, 5 pps Gilsonite, 0.25 pps Celloflake (1024 cu.ft. of slurry, 100% excess to circulate to surface.) WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL will be run during completion operations to determine TOC. Test casing to 1500 psi for 30 minutes.

See attached alternative intermediate lead slurry.

7" intermediate casing alternative two stage: Stage collar 2593'. First stage: cement with w/191 sx Class "G" 50/50 poz w/2% gel, 2% calcium chloride, 5 pps gilsonite, 0.25 pps Celloflake. Second stage: 302 sx 50/50 Class "G"/TXI Liteweight with 2% calcium chloride, 2.5% sodium metasilicate, 10 pps Gilsonite, 0.25 pps Celloflake (1024 cu.ft., 100% excess to circulate to surface).

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every other joint off bottom, to the base of the Ojo Alamo at 2283'. Two turbolating centralizers at the base of the Ojo Alamo at 2283'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

#### 4 1/2" Production Liner -

Cement to cover minimum of 100' of 4  $1/2" \times 7"$  overlap. Lead with 431 sx 50/50 Class "G" Poz with 5% gel, 0.25 pps Celloflake, 5 pps Gilsonite (621 cu.ft.), 40% excess to cement 4  $1/2" \times 7"$  overlap). WOC a minimum of 18 hrs prior to completing.

Cement float shoe on bottom with float collar spaced on top of float shoe.