

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

NMOCB

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

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

API Number 30-039-26894	Pool Code 86199/72319/71599	Pool Name Basin Dakota La Jara Pictured Cliffs/Blanco Mesaverde/
Property Code 7469	Property Name SAN JUAN 30-6 UNIT	Well Number 93M
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	Elevation 6293'

10 Surface Location

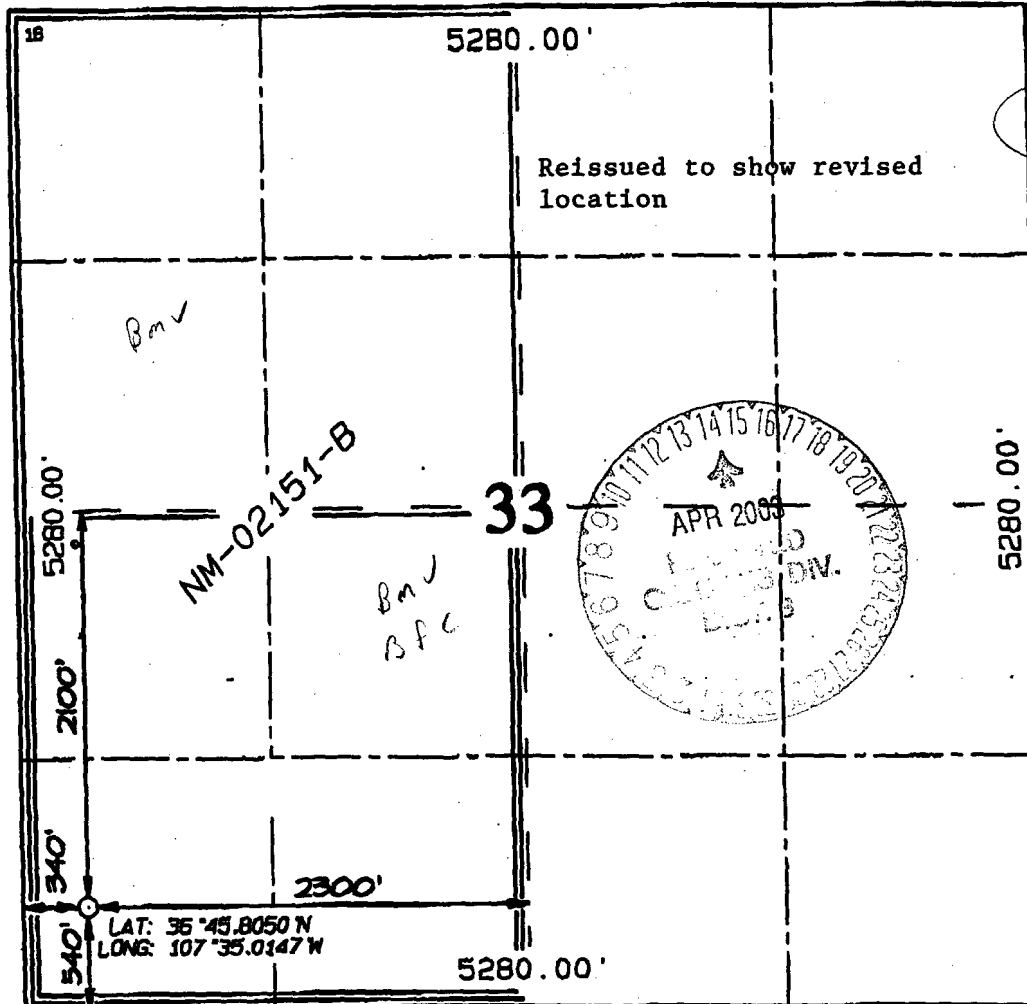
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
M	33	30N	7W		540	SOUTH	340	WEST	RIO ARriba

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 DK-W/320, MV-W/320, PC-160	Joint or Infill	Consolidation Code	Order No.
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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 herein is true and complete to the best of my knowledge and belief.

Signature

Peggy Cole

Printed Name

Regulatory Supervisor

Title

10-15-02

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.

Survey Date: SEPTEMBER 9, 20

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

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

540' FSL, 340' FWL, Sec. 33, T-30-N, R-7-W, NMPM

5. Lease Number
NMNM-02151B

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 #93M
9. API Well No.
30-039-
10. Field and Pool
La Jara Pict Cliffs/
Blanco MV/Basin DK
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

The subject well has been moved from 1210' FSL, 660' FWL, Sec. 33, T-30-N, R-7-W to 540' FSL, 340' FWL, Sec. 33, T-30-N, R-7-W at the request of the BLM. Attached are a new C-102 plat, Topographic Map and Cut and Fill diagram.



070 FARMINGTON, NM

2002 OCT 15 AM 11:39

RECEIVED

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

Signed *Peggy Cole* (CDS) Title Regulatory Supervisor Date 10/15/02
no

(This space for Federal or State Office use)

APPROVED BY *David J. Mankiewicz* Title _____ Date APR 10 2003

CONDITION OF APPROVAL, if any:

NMOCD

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

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2108'	
Ojo Alamo	2108'	2283'	aquifer
Kirtland	2283'	2693'	
Fruitland	2693'	3148'	gas
Pictured Cliffs	3148'	3308'	gas
Lewis	3308'	3833'	gas
Intermediate TD	3408'		
Huerfano Bentonite	3833'	4153'	gas
Chacra	4153'	4883'	gas
Cliff House	4883'	4983'	
Menefee	4983'	5348'	gas
Point Lookout	5348'	5748'	gas
Mancos	5748'	6603'	gas
Gallup	6603'	7328'	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:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200- 3408'	LSND	8.4-9.0	30-60	no control
3408- 7633'	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):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
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" x 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" x 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.