

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	57 JUL 23 PM 2:15 070 FARMINGTON, NM	5. Lease Number SF-080713A Unit Reporting Number 8910005380
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company		7. Unit Agreement Name San Juan 30-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7469 San Juan 30-6 Unit 9. Well Number 102A ✓
4. Location of Well 915' FSL, 2205' FEL Latitude 36° 47.6, Longitude 107° 26.9		10. Field, Pool, Wildcat 723/9 Blanco Mesa Verde / <i>Blain 71599</i> 11. Sec., Twn, Rge, Mer. (NMPM) <i>Dakota</i> ○ Sec 22, T-30-N, R-6-W API # 30-039-25804
14. Distance in Miles from Nearest Town 6 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 915'		
16. Acres in Lease	17. Acres Assigned to Well 320 E/2 <i>320 E/2</i>	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'		
19. Proposed Depth <i>5005'</i> <i>7935'</i> This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6463' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by: <i>Deann Brannick</i> Regulatory/Compliance Administrator	<i>6/9/97</i> Date	

PERMIT NO. _____ APPROVAL DATE *MAR 08 1998*
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted by Arboles Contract Archaeology
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Hold C-104 For NSL @

NMOCD

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #102A
Location: 915'S, 2205'FEL Section 33, T-30-N, R-6-W
Rio Arriba County, New Mexico
Latitude 36° 47.6, Longitude 107° 26.9
Formation: Blanco Mesa Verde
Elevation: 6463'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2500'	aquifer
Ojo Alamo	2500'	2550'	aquifer
Kirtland	2550'	2940'	
Fruitland	2940'	3345'	gas
Pictured Cliffs	3345'	3495'	gas
Lewis	3495'	4103'	gas
Intermediate TD	3595'		
Mesa Verde	4103'	5290'	gas
Massive Cliff House	5290'	5324'	gas
Menefee	5324'	5605'	gas
Massive Point Lookout	5605'		gas
Total Depth	6005'		

DIAPYTA
7935

Logging Program:

Cased hole logging - Gamma Ray Neutron
Coring/DST - 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
200-3595'	LSND	8.4-9.0	30-60	no control
3595-6005'	Gas/Mist	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3595'	7"	20.0#	J-55
6 1/4"	3445' - 6005'	4 1/2"	10.5#	J-55

Tubing Program:

<i>3495' - 7935'</i>	<i>5 1/2"</i>	<i>15.5#</i>	<i>J-55</i>
0' - 6005'	2 3/8"	4.7#	J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 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.

Revised February 21, 19

Instructions on ba

Submit to Appropriate District Office

State Lease - 4 Cop

Free Lease - 3 Cop.

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25804		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota	
Property Code 7469	Property Name San Juan 30-6 Unit			Well Number 102A
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 6463'

¹⁰ Surface Location

Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	22	30-N	6-W		915	South	2205	East	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
If Dedicated Acreage Is Not Indicated, Assume 1/4 Acre									

12 Dedication Acres E/320 E/320	13 Joint or Infill	14 Consolidation Code	15 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

16	5269.44'			17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
				<i>Peggy Bradford</i>
				Signature
				Peggy Bradford
				Printed Name
				Regulatory Administrator
				Title
				2/11/98
				Date
				18 SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this plan 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.
				5/13/97
				Date of Survey
				Signature and Seal of Professional Surveyor
				<i>Neale C. Edwards</i>
				NEALE C. EDWARDS
				NEW MEXICO
				6857
				6857
				Certificate Number

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

Sundry Notices and Reports on Wells

1. Type of Well
GAS

RECEIVED
MAR 11 1998

MAR 11 1998
OIL CON. DIV.

2. Name of Operator

**BURLINGTON
RESOURCES**

DIST. 3

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

915' FSL, 2205' FEL, Sec. 22, T-30-N, R-6-W, NMPM

5. Lease Number

SF-080713A

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 #102A

9. API Well No.

30-039-

10. Field and Pool

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

An application for permit to drill has been submitted for the subject well as a single Mesaverde. It is now intended to drill and complete the well as a Mesaverde Dakota dual. A revised C-102 well location plat is attached. The new proposed total depth is now 7935'. The revised casing and cementing program is as follows: a 5 1/2" 15.5# K-55 flushjoint liner will be run from 3495-7935'. The 5 1/2" production liner will be cemented as follows: cement to cover a minimum of 100' of 5 1/2" x 7" overlap with 225 sx Class "B" 50/50 poz w/2% gel, 5 pps Gilsonite, 0.25 pps Cellophane, 0.4% fluid loss additive (299 cu.ft., 40% excess cement). WOC a minimum of 18 hours prior to completion. A cement float shoe will be run on bottom with float collar on top of the shoe joint. Note: to facilitate higher hydraulic stimulation, no liner hanger will be used. Instead, a longstring of 5 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 5 1/2" and 7" casing strings. After completion of the well, a 5 1/2" CIBP will be set above the last fracturing job to cut and pull the 5 1/2" casing above the 7" casing shoe. The 5 1/2" bridge plug will then be milled and two strings of tubing with a packer will be run for a dual completion.

A variance is requested from Onshore Order #2, III, B. The casing collar clearance in the 5 1/2" flushjoint/6 1/4" hole will be 0.375", a 0.047" variance.

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

Signed *Donna W. Spencer* (KASPUD) Title Regulatory Administrator Date 2/12/98

(This space for Federal or State Office use)

APPROVED BY *AS/Donna W. Spencer* TitleDate *2/12/98*

CONDITION OF APPROVAL, if any:

**BURLINGTON
RESOURCES**
SAN JUAN 30-6 UNIT #102A
T30N, R6W
1000' BLM New Construction
T30N, R6W
Section 22: SWSE 1000'
APD MAP #1

