

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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97 JAN 27 AM 9:56

070 FARMINGTON, NM

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APR 14 1997

1a. Type of Work DRILL	5. Lease Number SF-079074
1b. Type of Well GAS	Unit Reporting Number 8910005380
2. Operator BURLINGTON RESOURCES 14538	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 30-6 Unit
4. Location of Well 1850' FNL, 1190' FWL Latitude 36° 47.2, Longitude 107° 33.8	8. Farm or Lease Name 7469 San Juan 30-6 Unit ✓
	9. Well Number 38A ✓
	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde ✓
	11. Sec., Twn, Rge, Mer. (NMPM) E Sec 27, T-30-N, R-7-W ✓
	API # 30-039-25673 ✓
14. Distance in Miles from Nearest Town 7 miles to Navajo City	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1190'	
16. Acres in Lease	17. Acres Assigned to Well 320 W/2,
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2800'	
19. Proposed Depth 6374 ✓	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6887' 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: <u>[Signature]</u> Regulatory/Compliance Administrator	1-17-97 Date

PERMIT NO. _____ APPROVAL DATE APR 14 1997

APPROVED BY _____ TITLE _____ DATE APR 14 1997

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
NOTE: an APD was approved for this well in this 1/4 section in Feb 1986

[Signature]

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Hondo 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

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Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25673	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7469	Property Name San Juan 30-6 Unit	Well Number 38A
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS, INC.	Elevation 6887'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	27	30-N	7-W		1850	North	1190	West	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

12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.

W/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

5282.64' 1850' 1190' SF-079074 27 5280.00' 5276.04'	RECEIVED APR 14 1997 OIL CON. DIV. DIST. 3	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 1-17-97 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. 10/10/96 Date of Survey NEALE C. EDWARDS 8857 Signature and Seal of Professional Surveyor 8857 Certificate Number
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OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #38A
Location: 1850' FNL, 1190' FWL Section 27, T-30-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 47.2, Longitude 107° 33.3
Formation: Blanco Mesa Verde
Elevation: 6887' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2834'	aquifer
Ojo Alamo	2834'	2884'	aquifer
Kirtland	2884'	3324'	
Fruitland	3324'	3789'	gas
Pictured Cliffs	3789'	3914'	gas
Lewis	3914'	4469'	gas
Intermediate TD	3964'		
Mesa Verde	4469'	5599'	gas
Massive Cliff House	5599'	5669'	gas
Menefee	5669'	5974'	gas
Point Lookout	5974'		gas
Total Depth	6374'		

Logging Program:

Cased hole logging - Gamma Ray Neutron from 2834' to TD
Mud Logs/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
200-3964'	LSND	8.4-9.0	30-60	no control
3964-6374'	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3964'	7"	20.0#	J-55
6 1/4"	3864' - 6374'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6374' 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.

EXISTING
ROW

FEE
LANDS

NEW BLM
ROW

BURLINGTON
RESOURCES
SAN JUAN 30-6 UNIT #38A
T30N, R7W

450' New Construction
T30N, R7W

Section 27: SWNW 450'

APD MAP #1