

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079048 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator 14538 BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 32-9 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 32-9 Unit 9. Well Number 36A
4. Location of Well 1125' FNL, 1560' FWL Latitude 36° 56.7, Longitude 107° 47.3	10. Field, Pool, Wildcat Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) Sec 33, T-32-N, R-9-W API # 30-045-
14. Distance in Miles from Nearest Town 5 miles to Cedar Hill	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1125'	17. Acres Assigned to Well 320 W/2 318.67
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2500'	
19. Proposed Depth 6305'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6725' 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>Regan Branfield</u> (Regulatory/Compliance Administrator)	Date <u>5-4-98</u>

PERMIT NO. _____

APPROVAL DATE JUN 11 1998

APPROVED BY [Signature]

TITLE [Signature]

DATE JUN 11 1998

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.

NMOC

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

District II
PO Drawer CC, 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
Revised February 21,
Instructions on
Submit to Appropriate District
State Lease - 4.0
Fee Lease - 3.0

2/27/98 12:55 ☐ AMENDED REF

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	'Pool Code	'Pool Name
30-045- 29621	72319	Blanco Mesaverde
'Property Code	'Property Name	'Well Number
7473	SAN JUAN 32-9 UNIT	36A
'GRID No.	'Operator Name	'Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	6725'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	33	32N	9W		1125	NORTH	1560	WEST	SAN J

11 Bottom Hole Location If Different From Surface

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

'Dedicated Acres	'Joint or Infill	'Consolidation Code	'Order No.
W/320 318.67			

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

15		5243.04'		17 OPERATOR CERTIFICATE	
4		3		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
1560'		1125'		Signature	
5280.00'		2		Peggy Bradfield	
5		6		Printed Name	
SF-079048		7		Regulatory Administrator	
33		8		Title	
5303.76'		9		Date	
FEE		10		18 SURVEYOR CERTIFICATE	
36		11		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.	
5280.00'		2623.50'		FEBRUARY 27, 1998	
		2613.50'		Date of Survey	
				Signature and Seal of Professional Surveyor	
				NEALE C. EDWARDS	
				NEW MEXICO	
				6857	
				6857	
				Certificated Professional Surveyor	

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #36A
Location: 1125'FNL, 1560'FWL Section 33, T-32-N, R-9-W
San Juan County, New Mexico
Latitude 36° 56.7, Longitude 107° 47.3
Formation: Blanco Mesa Verde
Elevation: 6725'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2212'	aquifer
Ojo Alamo	2212'	2321'	aquifer
Kirtland	2321'	2980'	
Fruitland	2980'	3581'	
Pictured Cliffs	3581'	3721'	gas
Lewis	3721'	4315'	gas
Intermediate TD	3821'		
Huerfanito Bentonite	4315'	4751'	
Chacra	4751'	5545'	
Massive Cliff House	5545'	5589'	gas
Menefee	5589'	5905'	gas
Massive Point Lookout	5905'	6275'	gas
Mancos Shale	6275'		
Total Depth	6305'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
Coring - 4100-4500'; 4600-5000'; 4850-5300

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
200-3821'	LSND	8.4-9.0	30-60	no control
3821-6305'	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' - 3821'	7"	20.0#	J-55
6 1/4"	3721' - 6305'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6305' 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.

SAN JUAN COUNTY, NEW MEXICO

1500' NEW BLM CONSTRUCTION
700' NW/NE SECTION 33, T32N, R9W
800' NE/NW SECTION 33, T32N, R9W

