

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-078504 Unit Reporting Number
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 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 7473 9. Well Number 68A
4. Location of Well 1205' FNL, 1705' FWL Latitude 36° 58.4, Longitude 107° 50.3	10. Field, Pool, Wildcat Blanco MV 72319 11. Sec., Twn, Rge, Mer. (NMPM) Sec 24, T-32-N, R-10-W API # 30-045- 29619
14. Distance in Miles from Nearest Town 4 miles to Cedar Hill	12. County SJ 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1205'	17. Acres Assigned to Well 320 W/2 301.86
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 75'	
19. Proposed Depth 6387' 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.) 6941'	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	Date 4-27-98

PERMIT NO. _____

APPROVAL DATE _____

JUN 12 1998

APPROVED BY [Signature]

TITLE [Signature]

DATE

JUN 12 1998

Archaeological Report - Please use Arboles Tech Report #875 dated 3-25-96 for SJ 32-9 POW #1

Threatened and Endangered Species Report 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.

NMOCD

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

District II
PO Drawer DD, 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

007.710 PM 2:52 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045 29619		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7473	*Property Name SAN JUAN 32-9 UNIT		*Well Number 68A
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6941'

10 Surface Location

UL or lot no. C	Section 24	Township 32N	Range 10W	Lot Idn	Feet from the 1205	North/South line North	Feet from the 1705	East/West line West	County SAN JUAN
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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
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12 Dedicated Acres W/320 301.86				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				17 OPERATOR CERTIFICATION			
5054.28'				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.			
1205'				Signature <i>Peggy Bradfield</i>			
1705'				Printed Name Peggy Bradfield			
2605.02'				Title Regulatory Administrator			
5247.00'				Date 4-27-98			
SF-078504				18 SURVEYOR CERTIFICATION			
24				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.			
12				FEBRUARY 2, 1998			
11				Date of Survey			
10				Signature and Seal of Professional Surveyor			
9				NEALE C. EDWARDS NEW MEXICO 6857			
13				6857			
14				Certificate Register			
15				6857			
16				6857			
4992.24'				6857			

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #68A
Location: 1205' FNL, 1705' FWL Section 24, T-32-N, R-10-W
San Juan County, New Mexico
Latitude 36° 58.4, Longitude 107° 50.3
Formation: Blanco Mesa Verde
Elevation: 6941' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2210'	aquifer
Ojo Alamo	2210'	2295'	aquifer
Kirtland	2295'	3014'	
Fruitland	3014'	3681'	
Pictured Cliffs	3681'	3808'	gas
Lewis	3808'	4389'	gas
Intermediate TD	3908'		
Huerfanito Bentonite	4389'	4883'	
Chacra	4883'	5624'	
Massive Cliff House	5624'	5679'	gas
Menefee	5679'	5987'	gas
Massive Point Lookout	5987'	6276'	gas
Mancos Shale	6276'		
Total Depth	6387'		

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
200-3908'	LSND	8.4-9.0	30-60	no control
3908-6387'	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' - 3908'	7"	20.0#	J-55
6 1/4"	3808' - 6387'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6387' 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.

APD MAP #1

*Cattail
Spring

Shove
Spring

EXISTING
R.O.W.

Mount Nebo

~~SECRET~~