

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-078509
1b. Type of Well GAS	Unit Reporting Number
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	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 32-9 Unit 7413
4. Location of Well 1620' FNL, 1645' FWL Latitude 36° 57.5, Longitude 107° 49.2	8. Farm or Lease Name San Juan 32-9 Unit
	9. Well Number 40A
	10. Field, Pool, Wildcat Blanco Mesa Verde 72319
	11. Sec., Twn, Rge, Mer. (NMPM) F Sec 30, T-32-N, R-9-W API # 30-045- 29627
14. Distance in Miles from Nearest Town 4 miles to Cedar Hill	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1620'	
16. Acres in Lease	17. Acres Assigned to Well 207.48 W/2 196.56
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1500'	
19. Proposed Depth 6150'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6609' 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	5-9-91 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

/s/ Deane W. Spencer

TITLE

DATE

JUN 16 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.

HOLD C-104 FOR NSL & NSP (C) NMOC

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 2068, Santa Fe, NM 87504-2068

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101

Revised February 21, 1999

Instructions on back

Submit to Appropriate District Office:

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

501 MAY 27 PM 12:55

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29627	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7473	*Property Name SAN JUAN 32-9 UNIT	*Well Number 40A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6609

10 Surface Location

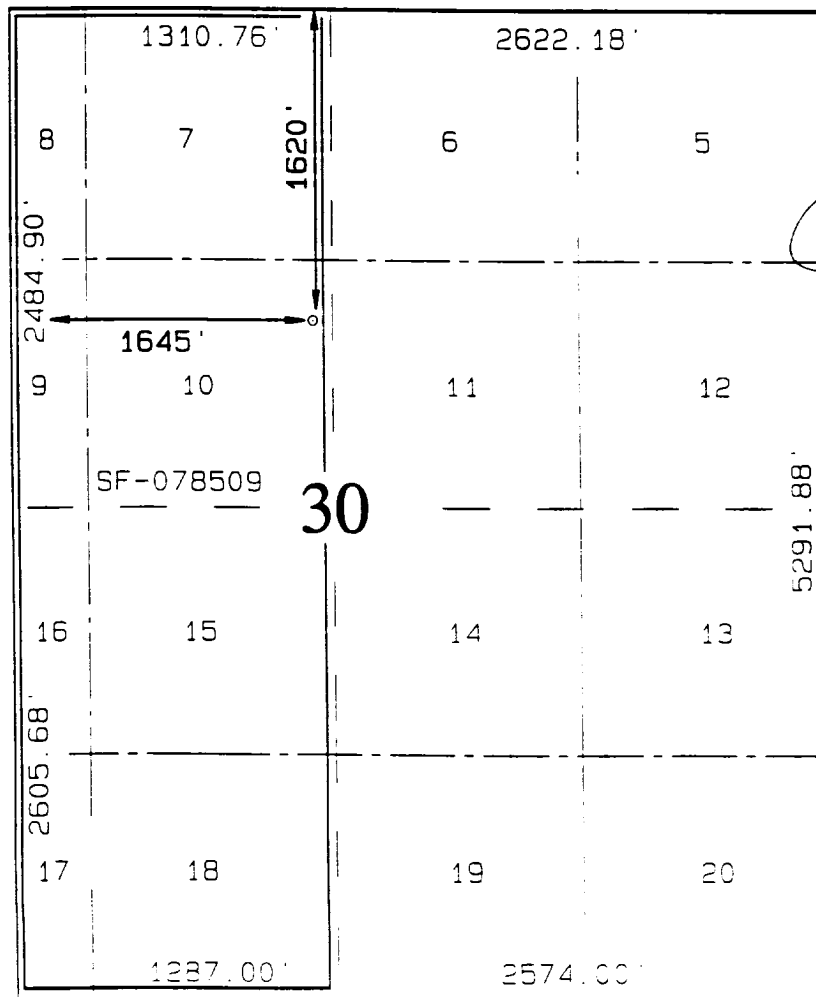
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	32N	9W		1620	NORTH	1645	WEST	SAN JUAN

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

12 Dedicated Acres 196.54 W/207.48	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
404.58' 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

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

5-9-98
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.

MARCH 17, 1998

Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6852
6852
Certificate No.

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #40A
Location: 1620' FNL, 1645' FWL Section 30, T-32-N, R-9-W
San Juan County, New Mexico
Latitude 36° 57.5, Longitude 107° 49.2
Formation: Blanco Mesa Verde
Elevation: 6609' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2015'	aquifer
Ojo Alamo	2015'	2126'	aquifer
Kirtland	2126'	2850'	
Fruitland	2850'	3449'	
Pictured Cliffs	3449'	3585'	gas
Lewis	3585'	4177'	gas
Intermediate TD	3685'		
Huerfanito Bentonite	4177'	4630'	
Chacra	4630'	5409'	
Massive Cliff House	5409'	5434'	gas
Menefee	5434'	5750'	gas
Massive Point Lookout	5750'	6140'	gas
Mancos Shale	6140'		
Total Depth	6150'		

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
200-3685'	LSND	8.4-9.0	30-60	no control
3685-6150'	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' - 3685'	7"	20.0#	J-55
6 1/4"	3585' - 6150'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6150' 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.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 32-9 UNIT #40A

1620' FNL & 1645' FNL, SECTION 30, T32N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

1600' NEW BLM CONSTRUCTION
1300' SWNE SECTION 30, T32N, R9W
300' SE/NW SECTION 30, T32N, R9W

