

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-079250 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	7. Agreement Name San Juan 28-5 Unit 7460
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-5 Unit 9. Well Number 107
4. Location of Well 1600' FSL, 255' FWL Latitude 36° 40.4, Longitude 107° 19.1	10. Field, Pool, Wildcat Blanco Mesa Verde 72319 11. Sec., Twn, Rge, Mer. (NMPM) L Sec 12, T-28-N, R-5-W API # 30-039- 25931
14. Distance in Miles from Nearest Town 4 miles to Gobernador	12. County RA 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 255'	17. Acres Assigned to Well ALL 299.04
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 40'	
19. Proposed Depth 6936 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.) 7398' 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	Date 4-17-98

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report - please use report for San Juan 28-5 Unit #242 - 1575' FSL, 215' FWL 12-28-5 dated 1994
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.

NSL-4046 @

NMOC

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

District II
PO Drawer CD, 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
Revised February 21,
Instructions on
Submit to Appropriate District Office
State Lease - 4 C
Fee Lease - 3 C

93 JUN -5 PM 3:17

AMENDED REPORT

WELL LOCATION AND ACREAGE CERTIFICATION

API Number 30-039-25931	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7460	Property Name SAN JUAN 28-5 UNIT	Well Number 107
CGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 7398'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot (in)	Feet from the	North/South line	Feet from the	East/West line	County
	12	28N	5W		1600	SOUTH	255	WEST	RIC ARRI

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres All - 299.04	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 COMPLETION HAS BEEN APPROVED BY THE DIVISION

RECEIVED
AUG 7 1998
OIL CON. DIV.
DIST. 3

17 OPERATOR CERTIFICATE

I hereby certify that the information contained hereon is true and complete to the best of my knowledge and belief.

Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
Date
4-17-98

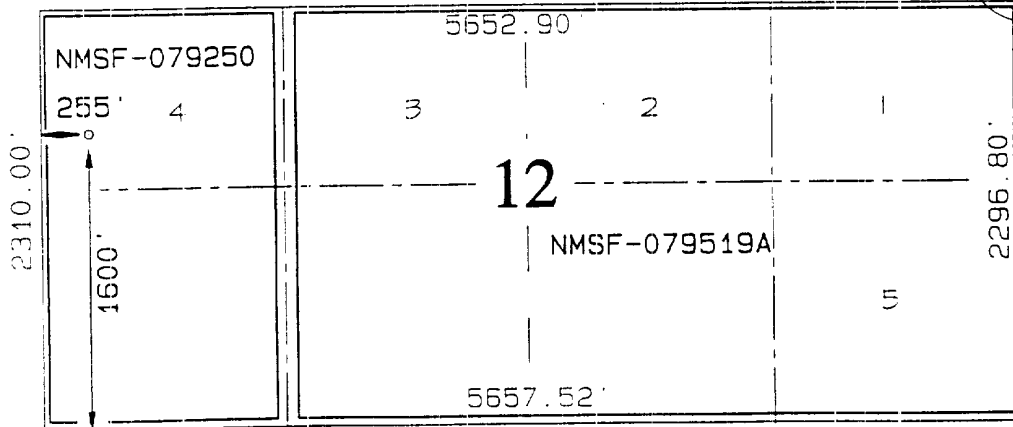
18 SURVEYOR CERTIFICATE

I hereby certify that the well location shown on this map was plotted from field notes of actual surveys made on or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 15, 1998

Date of Survey
Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
PROFESSIONAL SURVEYOR
Certificate Number



OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #107
Location: 1600' FSL, 255' FWL Section 12, T-28-N, R-5-W
Rio Arriba County, New Mexico
Latitude 36° 40.4, Longitude 107° 19.1
Formation: Blanco Mesa Verde
Elevation: 7398' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3655'	aquifer
Ojo Alamo	3655'	3855'	aquifer
Kirtland	3855'	3936'	
Fruitland	3936'	4378'	
Pictured Cliffs	4378'	4450'	gas
Lewis	4450'	5357'	gas
Intermediate TD	4550'		
Chacra	5357'	6206'	
Massive Cliff House	6206'	6242'	gas
Menefee	6242'	6536'	gas
Massive Point Lookout	6536'		gas
Total Depth	6936'		

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
200-4550'	LSND	8.4-9.0	30-60	no control
4550-6936'	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' - 4550'	7"	20.0#	J-55
6 1/4"	4450' - 6936'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6936'	2 3/8"	4.7#	J-55
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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 28-5 UNIT #107
1600' FSL & 255' FWL, SECTION 12, T28N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NW/4SW SECTION 12, T28N, R5W

