

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-079392
1b. Type of Well GAS	Unit Reporting Number 8910009500- Dk 891000950A-MV
2. Operator BURLINGTON RESOURCES 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 27-5 Unit
4. Location of Well 1335' FNL, 1130' FWL Latitude 36° 34.7, Longitude 107° 23.3 NSL-4068	8. Farm or Lease Name San Juan 27-5 Unit
14. Distance in Miles from Nearest Town 7 miles to Gobernador	9. Well Number 114M
15. Distance from Proposed Location to Nearest Property or Lease Line 1130'	10. Field, Pool, Wildcat Blanco MV/Basin Dk
16. Acres in Lease	11. Sec., Twn, Rge, Mer. (NMPM) Sec 17, T-27-N, R-5-W API # 30-039- 25922
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1130'	12. County RA
19. Proposed Depth 7815 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3, and appeal pursuant to 43 CFR 3165.4.	13. State NM
21. Elevations (DF, FT, GR, Etc.) 6590' GR	17. Acres Assigned to Well 320.41 311.82
23. Proposed Casing and Cementing Program See Operations Plan attached	20. Rotary or Cable Tools Rotary
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	22. Approx. Date Work will Start 6-16-98

PERMIT NO. _____ APPROVAL DATE 7/24/98
APPROVED BY _____ TITLE _____ DATE 7/24/98

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.

NSL-4068 @ NMOC

District 1
Box 1980, Hobbs, NM 88241-1980

District 11
Box 100, Artesia, NM 88211-0710

District 111
1000 Rio Brazos Rd., Aztec, NM 87410

District 111
Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form
Revised February 2
Instructions:
Submit to Appropriate District
State Lease - 1
Fee Lease - 3

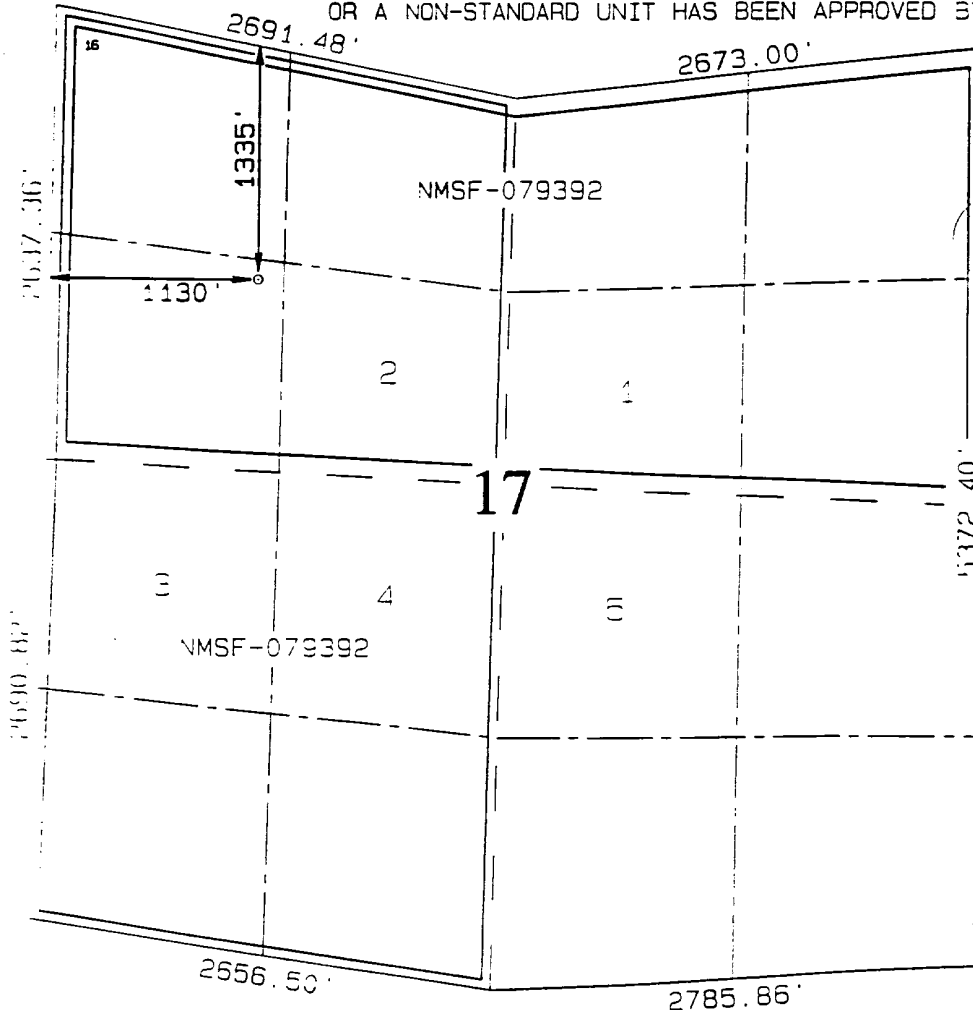
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

93 JUL 17 11:11:23 AMENDED RE

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25922		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota				
Property Code 7454	Property Name SAN JUAN 27-5 UNIT			Well Number 114M			
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 6590'			
10 Surface Location							
L or Lot No. E	Section 17	Township 27N	Range 5W	Lot Idn 1335	Feet from the North/South line NORTH	Feet from the East/West line WEST	Col R: ARR
11 Bottom Hole Location If Different From Surface							
Dedicated Acres MV-W/320.41 DK-N/311.82					Joint or Infill	Consolidation Code	Order No.

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



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

Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
6-16-98
Date

SURVEYOR CERTIFICATE
I hereby certify that the well location shown on this plat 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.

APRIL 21, 1998
Date of Survey
Signature and Seal
NEALE C. EDWARDS
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
6857
Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #114M
Location: 1335' FNL, 1130' FWL Sec 17, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 34.7, Longitude 107° 23.3
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6590' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2794'	
Ojo Alamo	2794'	2879'	aquifer
Kirtland	2879'	3074'	
Fruitland	3074'	3385'	gas
Pictured Cliffs	3385'	3535'	gas
Lewis	3535'	3911'	gas
Intermediate TD	3635'		
Huerfanito Bentonite	3911'	3948'	gas
Chacra	3948'	5034'	
Massive Cliff House	5034'	5160'	gas
Menefee	5160'	5550'	gas
Massive Point Lookout	5550'	5664'	gas
Lower Point Lookout	5664'	5764'	
Mancos Shale	5764'	6526'	
Gallup	6526'	7465'	gas
Greenhorn	7465'	7550'	gas
Dakota	7550'		gas
TD (4 1/2" liner)	7815'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

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
200-3635'	LSND	8.4-9.0	30-60	no control
3635-7815'	Gas	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#	WC-50
8 3/4"	0' - 3635'	7"	20.0#	J-55
6 1/4"	3535' - 7815'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 7815' 2 3/8" 4.70# EUE

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.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #114M

1335' FNL & 1130' FWL, SECTION 17, T27N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SWNN SECTION 17, T27N, R5W

