

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL

1b. Type of Well  
GAS

2. Operator  
**BURLINGTON RESOURCES** Oil & Gas Company

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499  
(505) 326-9700

4. Location of Well  
1620' FNL, 1730' FWL  
Latitude 36° 34' 31", Longitude 107° 14' 30"

5. Lease Number  
SF-080674  
Unit Reporting Number  
891001054A

6. If Indian, All. or Tribe

7. Unit Agreement Name  
San Juan 27-4 Unit

8. Farm or Lease Name  
San Juan 27-4 Unit

9. Well Number  
141A

10. Field, Pool, Wildcat  
Blanco Mesaverde

11. Sec., Twn, Rge, Mer. (NMPM)  
Sec. 15, T-27-N, R-4-W  
API # 30-039-26043

12. County  
Rio Arriba

13. State  
NM

14. Distance in Miles from Nearest Town  
60 miles to Bloomfield

15. Distance from Proposed Location to Nearest Property or Lease Line  
1620'

16. Acres in Lease

17. Acres Assigned to Well  
320 W/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease  
1900'

19. Proposed Depth  
6553'

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
7128' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: Laura Bradstreet  
Regulatory/Compliance Administrator

Date 10-23-98

PERMIT NO. \_\_\_\_\_ APPROVAL DATE JUN 04 1999

APPROVED BY /S/ Duane W. Snencer TITLE Team Lead, Petroleum Management DATE \_\_\_\_\_

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.

NMOCD

District I  
PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer KK, Aramis, NM 87211-0719  
District III  
1000 Rio Benito 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  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-26043		2 Pool Code 72319		3 Pool Name Blanco Mesaverde		
4 Property Code 7452		5 Property Name SAN JUAN 27-4 UNIT			6 Well Number # 141A	
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 7128	

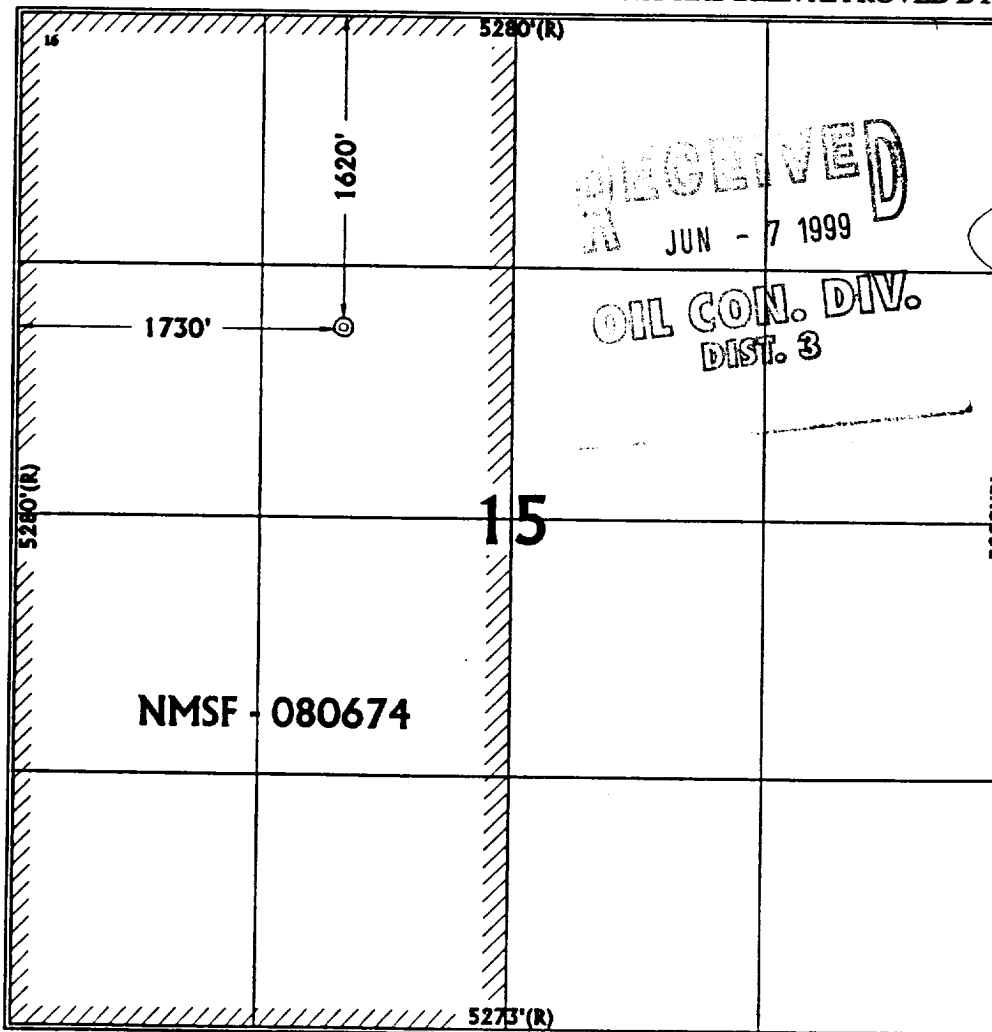
10 Surface Location

UL or Lot No. F	Section 15	Township 27 N	Range 4 W	Lot Idn	Feet from the 1620	North/South line NORTH	Feet from the 1730	East/West line WEST	County RIO ARRIBA
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11 Bottom Hole Location If Different From Surface

1 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
W/320									
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		15 Order No.			
W/320									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature: <i>Peggy Bradfield</i> Printed Name: Peggy Bradfield Title: Regulatory Administrator Date: 10-25-98	
		<b>18 SURVEYOR CERTIFICATION</b> 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.  August 7, 1998 Date of Survey Signature and Seal of Professional Surveyor: <i>GARY D. VANN</i> 7016 Certificate Number	

## OPERATIONS PLAN

**Well Name:** San Juan 27-4 Unit #141A  
**Location:** 1620' FNL, 1730' FEL Section 15, T-27-N, R-4-W  
Rio Arriba County, New Mexico  
Latitude 36° 34' 31", Longitude 107° 14' 30"  
**Formation:** Blanco Mesa Verde  
**Elevation:** 7128' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3403'	aquifer
Ojo Alamo	3403'	3584'	aquifer
Kirtland	3584'	3631'	gas
Fruitland	3631'	3962'	gas
Pictured Cliffs	3962'	4097'	gas
Lewis	4097'	4505'	gas
<b>Intermediate TD</b>	<b>4197'</b>		
Mesa Verde	4505'	4976'	gas
Chacra	4976'	5705'	gas
Massive Cliff House	5705'	5850'	gas
Menefee	5850'	6153'	gas
Point Lookout	6153'		gas
<b>Total Depth</b>	<b>6553'</b>		

### Logging Program:

Cased hole logging - Gamma Ray Neutron  
Mud Logs/Coring/DST - none

### Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 500'	Spud	8.4-9.0	40-50	no control
500-4197'	LSND	8.4-9.0	30-60	no control
4197-6553'	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' - 500'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4197'	7"	20.0#	J-55
6 1/4"	4097' - 6553'	4 1/2"	10.5#	J-55

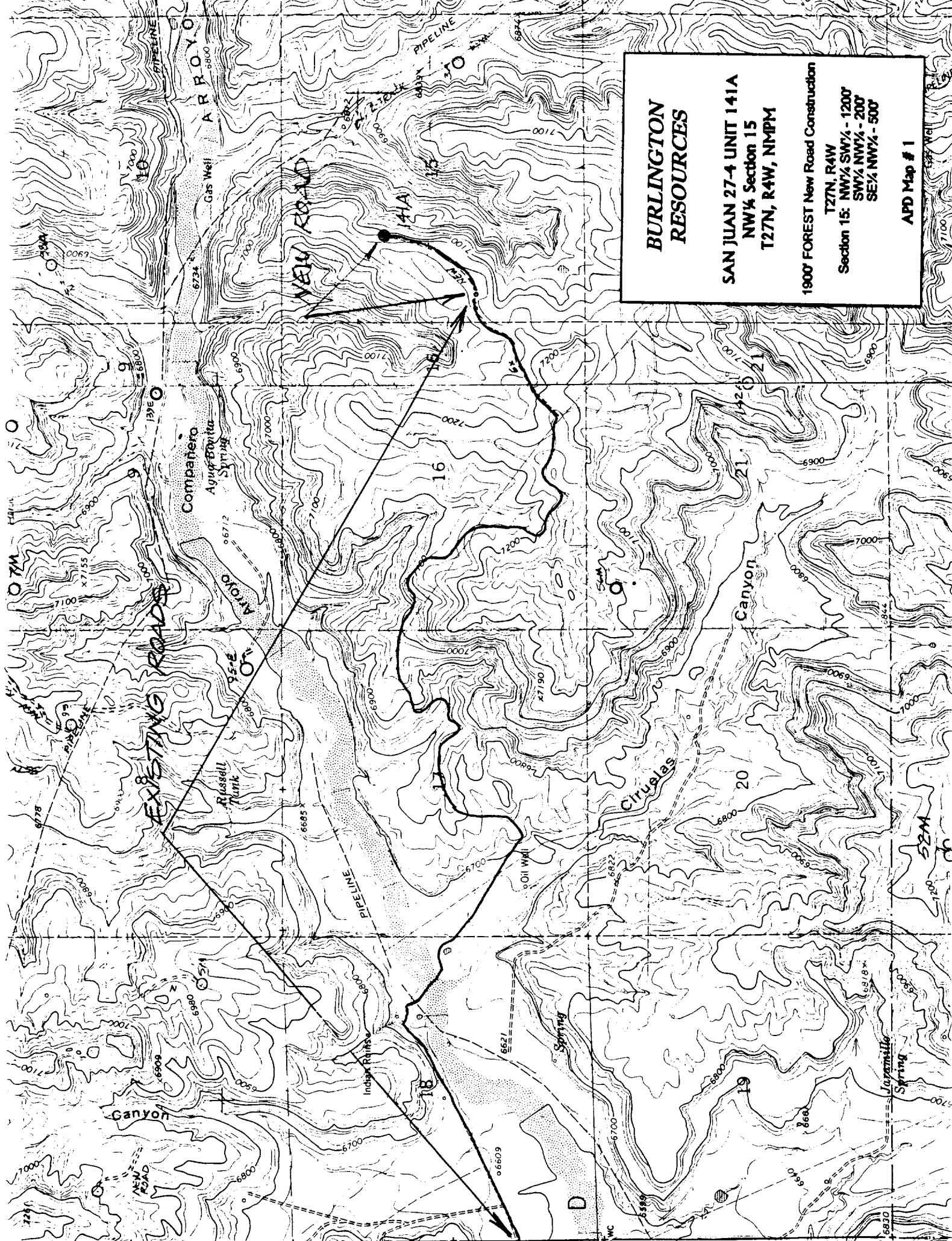
### Tubing Program:

0' - 6553'	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

SAN JUAN 27-4 UNIT 141A  
NW¼ Section 15  
T27N, R4W, N4MPM

1900' FOREST New Road Construction

T27N, R4W  
Section 15: NW¼ SW¼ - 1200'  
SW¼ NW¼ - 200'  
SE¼ NW¼ - 500'

APD Map # 1