

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
14538

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

4. Location of Well
450' FNL, 990' FWL

Latitude 36° 36.6, Longitude 107° 27.6

14. Distance in Miles from Nearest Town
7 miles to Gobernador

15. Distance from Proposed Location to Nearest Property or Lease Line
450'

16. Acres in Lease

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1300'

19. Proposed Depth
7910'
This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

21. Elevations (DF, FT, GR, Etc.)
6693' GR

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Duane W. Spencer
Regulatory/Compliance Administrator

5. Lease Number
SF-0790610B
Unit Reporting Number
891001051B - Dk
8910010510 - MV
6. If Indian, All. or Tribe

7. Unit Agreement Name
San Juan 28-6 Unit

8. Farm or Lease Name
7462 San Juan 28-6 Unit
9. Well Number
98M

10. Field, Pool, Wildcat
72319 Blanco Mesa Verde/
71599 Basin Dakota
11. Sec., Twn, Rge, Mer. (NMPM)
D Sec 3, T-27-N, R-6-W
API # 30-039-25740

12. County
Rio Arriba
13. State
NM

17. Acres Assigned to Well DK
mv 320.84 W/2; 321.12 N/2

20. Rotary or Cable Tools
Rotary

22. Approx. Date Work will Start

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

7-11-97
Date

PERMIT NO. _____

APPROVAL DATE

SEP 16 1997

APPROVED BY /S/ Duane W. Spencer

TITLE _____

DATE SEP 16 1997

Archaeological Report to be submitted by Arboles Contract Archaeology
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

HOLD C-104 FOR NSL

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer 00, Artesa, NM 88211-0719
District III
1000 Rio Grande Rd., Azusa, 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

RECEIVED
BLM

97 AUG -4 PM 1:14

Form
Revised February 21
Instructions o
Submit to Appropriate District
State Lease - 4
Fee Lease - 3

070 FARMINGTON, NM

☐ AMENDED RE

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25740	Well Code 72319/71599	Well Name Blanco Mesaverde/Basin Dakota
Property Code 7462	Property Name San Juan 28-6 Unit	Well Number 98M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Direction 6693'

10 Surface Location

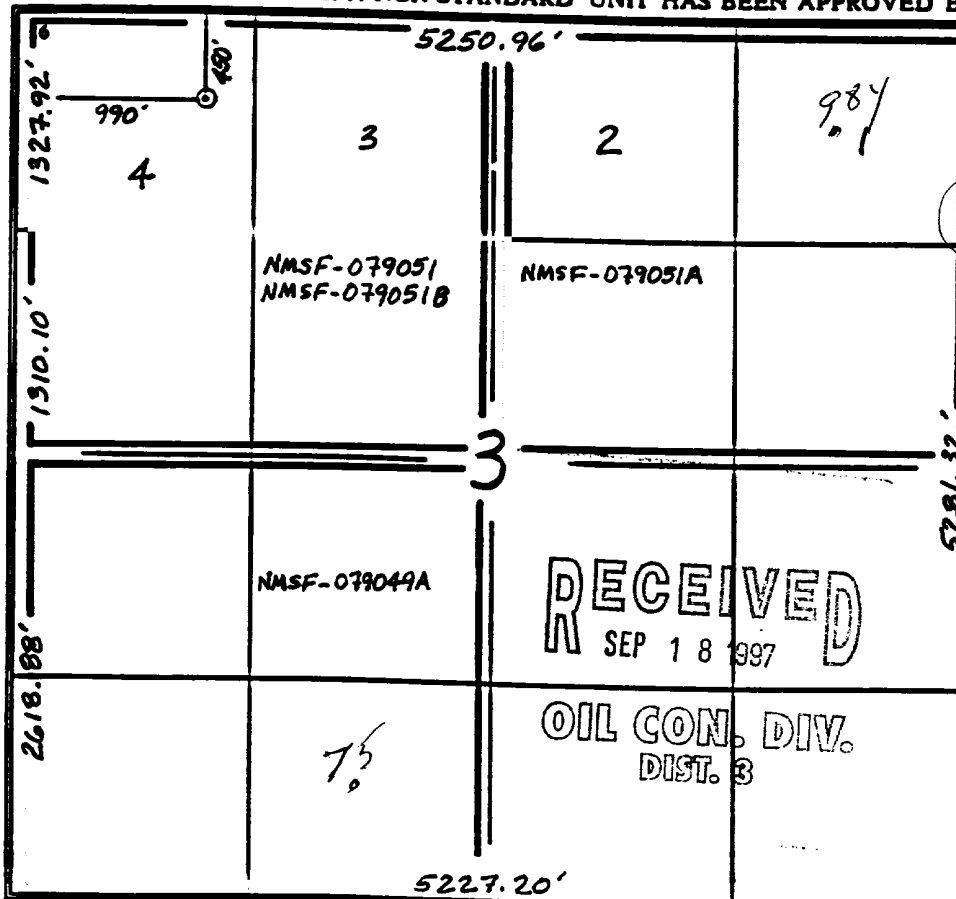
UL or lot no. D	Section 3	Township 27-N	Range 6-W	Lot Idn	Feet from the 450	North/South line North	Feet from the 990	East/West line West	County R.A.
--------------------	--------------	------------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------

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 Dedication Acres MV-W 320.84 DK-N 321.12	13 Joint or Infill	14 Consolidation Code	15 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



17 OPERATOR CERTIFICATE

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

7-11-97
Date

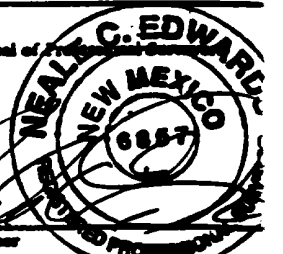
18 SURVEYOR CERTIFICATE

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

6/13/97

Date of Survey

Signature and Seal of Professional Surveyor



OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #98M
Location: 450' FNL, 990' FWL Sec 3, T-27-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 36.6, Longitude 107° 27.6
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6693' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2704'	
Ojo Alamo	2704'	3070'	aquifer
Fruitland	3070'	2455'	gas
Pictured Cliffs	3455'	3585'	gas
Lewis	3585'	3813'	gas
Intermediate TD	3685'		
Mesa Verde	3813'	4377'	gas
Chacra	4377'	5083'	
Massive Cliff House	5083'	5195'	gas
Menefee	5195'	5615'	gas
Massive Point Lookout	5615'	6823'	gas
Gallup	6823'	7555'	gas
Greenhorn	7555'	7660'	gas
Graneros	7660'	7772'	gas
Dakota	7772'		gas
TD (4 1/2" liner)	7910'		

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
200-3685'	LSND	8.4-9.0	30-60	no control
3685-7910'	Gas	n/a	n/a	n/a

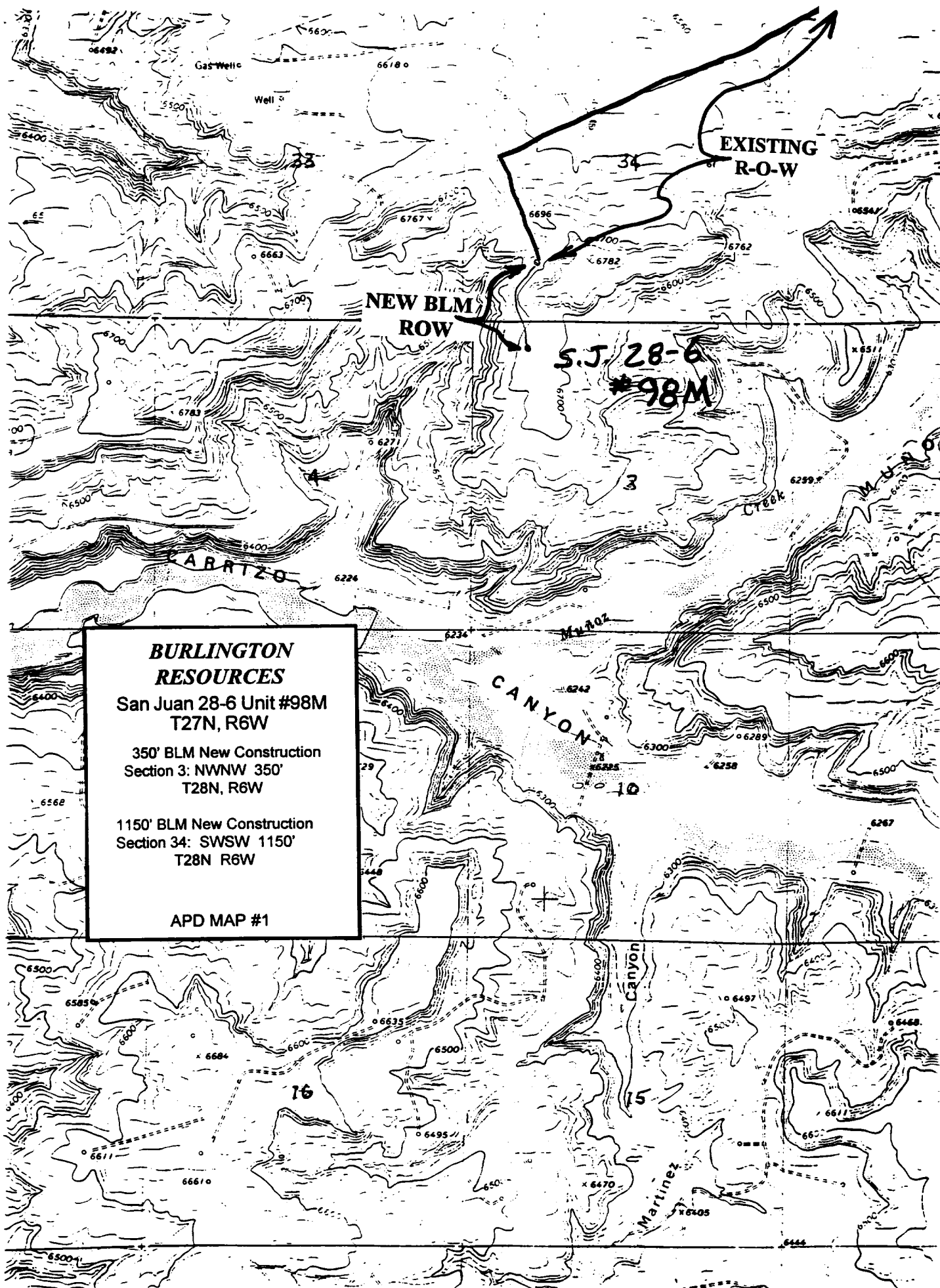
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 3685'	7"	20.0#	J-55
6 1/4"	3585' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7910'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7910' 2 3/8" 4.70# EUE



**BURLINGTON
RESOURCES**

San Juan 28-6 Unit #98M
T27N, R6W

350' BLM New Construction
Section 3: NWNW 350'
T28N, R6W

1150' BLM New Construction
Section 34: SWSW 1150'
T28N R6W

APD MAP #1