

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 NM-03583 Unit Reporting Number 891001051B-DK 8910010510-MV	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name San Juan 28-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7462 San Juan 28-6 Unit 9. Well Number 104M	
4. Location of Well 790' FNL, 1815' FWL Latitude 36° 35.6, Longitude 107° 29.6	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde/ 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec 8, T-27-N, R-6-W API # 30-039-25629	
14. Distance in Miles from Nearest Town 7 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'		
16. Acres in Lease	17. Acres Assigned to Well 320 W/2 320 W/2	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2500'
19. Proposed Depth 7311'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6184' GR	22. Approx. Date Work will Start 1-14-97	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u>[Signature]</u> (Regulatory/Compliance Administrator)	

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ 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

APPROVED
AS AMENDED

JAN 30 1997
/S/ Duane W. Spencer
DISTRICT MANAGER

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, 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-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

API Number 30-039-25629	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7462	Property Name San Juan 28-6 Unit	Well Number 104M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6184'

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
C	8	27-N	6-W		790	North	1815	West	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 Dedicated Acres
MV-W/320
DK-W/320

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

RECEIVED FEB - 3 1997 OIL CON. DIV. DIST. 3	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 1-14-97 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. 11/7/96 Date of Survey Signature and Seal of Professional Surveyor NEALE G. EDWARDS NEW MEXICO 6857 6857 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #104M
Location: 790' FNL, 1815' FWL Sec 8, T-27-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 35.6, Longitude 107° 29.6
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6184' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2086'	
Ojo Alamo	2086'	2476'	aquifer
Fruitland	2476'	2841'	gas
Pictured Cliffs	2841'	2966'	gas
Lewis	2966'	3306'	gas
Intermediate TD	3016'		
Mesa Verde	3306'	3806'	gas
Chacra	3806'	4506'	
Massive Cliff House	4506'	4626'	gas
Menefee	4626'	5031'	gas
Massive Point Lookout	5031'	6236'	gas
Gallup	6236'	6981'	gas
Greenhorn	6981'	7081'	gas
Graneros	7081'	7191'	gas
Dakota	7191'		gas
TD (4 1/2" liner)	7311'		

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
200-3016'	LSND	8.4-9.0	30-60	no control
3016-7311'	Gas	n/a	n/a	n/a

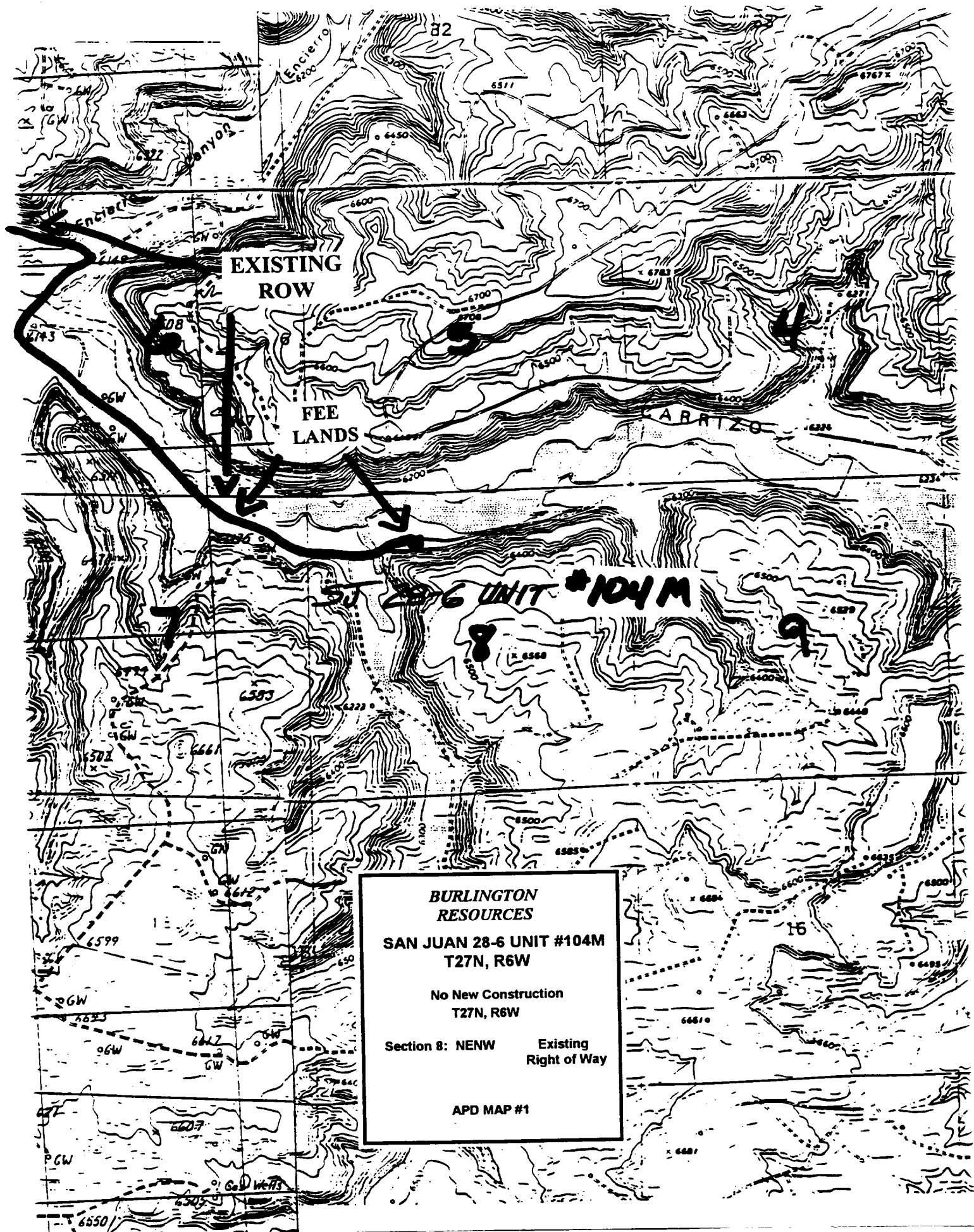
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>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' - 3016'	7"	20.0#	J-55
6 1/4"	2916' - 6855'	4 1/2"	10.5#	K-55
6 1/4"	6855' - 7311'	4 1/2"	11.6#	K-55

Tubing Program:

0' - 7311' 2 3/8" 4.70# EUE



**BURLINGTON
RESOURCES**

**SAN JUAN 28-6 UNIT #104M
T27N, R6W**

**No New Construction
T27N, R6W**

Section 8: NENW

**Existing
Right of Way**

APD MAP #1