

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-079049B
1b. Type of Well GAS	Unit Reporting Number 891001051B - Dk 8910010510 - MV
2. Operator BURLINGTON RESOURCES 14538 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 28-6 Unit
4. Location of Well 890' FSL, 1820' FEL Latitude 36° 35.9, Longitude 107° 28.1	8. Farm or Lease Name 7462 San Juan 28-6 Unit 9. Well Number 167M
14. Distance in Miles from Nearest Town 7 miles to Gobernador	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec 4, T-27-N, R-6-W API # 30-039-25741
15. Distance from Proposed Location to Nearest Property or Lease Line 890'	12. County Rio Arriba
16. Acres in Lease	13. State NM
17. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1900'	17. Acres Assigned to Well OK 320 S/2 and E/2 MV
18. Proposed Depth 7420'	20. Rotary or Cable Tools Rotary
21. Elevations (DE, FF, GR, Etc.) 6226 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	22. Approx. Date Work will Start 6-30-97
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regulatory/Compliance Administrator	Date 6-30-97

PERMIT NO.

APPROVAL DATE

APPROVED BY

/s/ Duane W. Spencer

TITLE

DATE

SEP 17 1997

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

NMOCD

District I
PO Box 1918, Hobbs, NM 88241-1918
District II
PO Drawer 00, 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 Cc
Fee Lease - 3 Cc

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25741	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7462	Property Name San Juan 28-6 Unit	Well Number 167M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Division 6226

10 Surface Location

UL or lot no. 0	Section 4	Township 27-N	Range 6-W	Lot Idn	Feet from the 890	North/South line South	Feet from the 1820	East/West line East	County R.A.
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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
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12 Dedication Acres MV-321.08 DK-S/320	13 Joint or Infill	14 Commencement 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 UNIT HAS BEEN APPROVED BY THE DIVISION

2639.34'	2616.90'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Peggy Bradfield Printed Name Regulatory Administrator Title Date
4 RECEIVED SEP 17 1997 OIL CON. DIV. DIST. 3	2 1 NMSF-079051 40	
1328.58'	1327.92'	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was placed from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief. 5/20/97 Date of Survey Signature and Seal of Professional Surveyor NEAL C. EDWARDS NEW MEXICO 6887 6887 Certificate Number
1312.74'	1310.10'	
2625.48'	2618.88'	
167 NMSF-079049B	1820'	
5229.18'		

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #167M
Location: 890' FSL, 1820' FEL Sec 4, T-27-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 35.9, Longitude 107° 28.1
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6226' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2198'	
Ojo Alamo	2198'	2595'	aquifer
Fruitland	2595'	2958'	gas
Pictured Cliffs	2958'	3083'	gas
Lewis	3083'	3403'	gas
Intermediate TD	3183'		
Mesa Verde	3403'	3885'	gas
Chacra	3885'	4578'	
Massive Cliff House	4578'	4714'	gas
Menefee	4714'	5118'	gas
Massive Point Lookout	5118'	6313'	gas
Gallup	6313'	7058'	gas
Greenhorn	7058'	7158'	gas
Graneros	7158'	7366'	gas
Dakota	7366'		gas
TD (4 1/2" liner)	7420'		

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
200-3183'	LSND	8.4-9.0	30-60	no control
3183-7420'	Gas	n/a	n/a	n/a

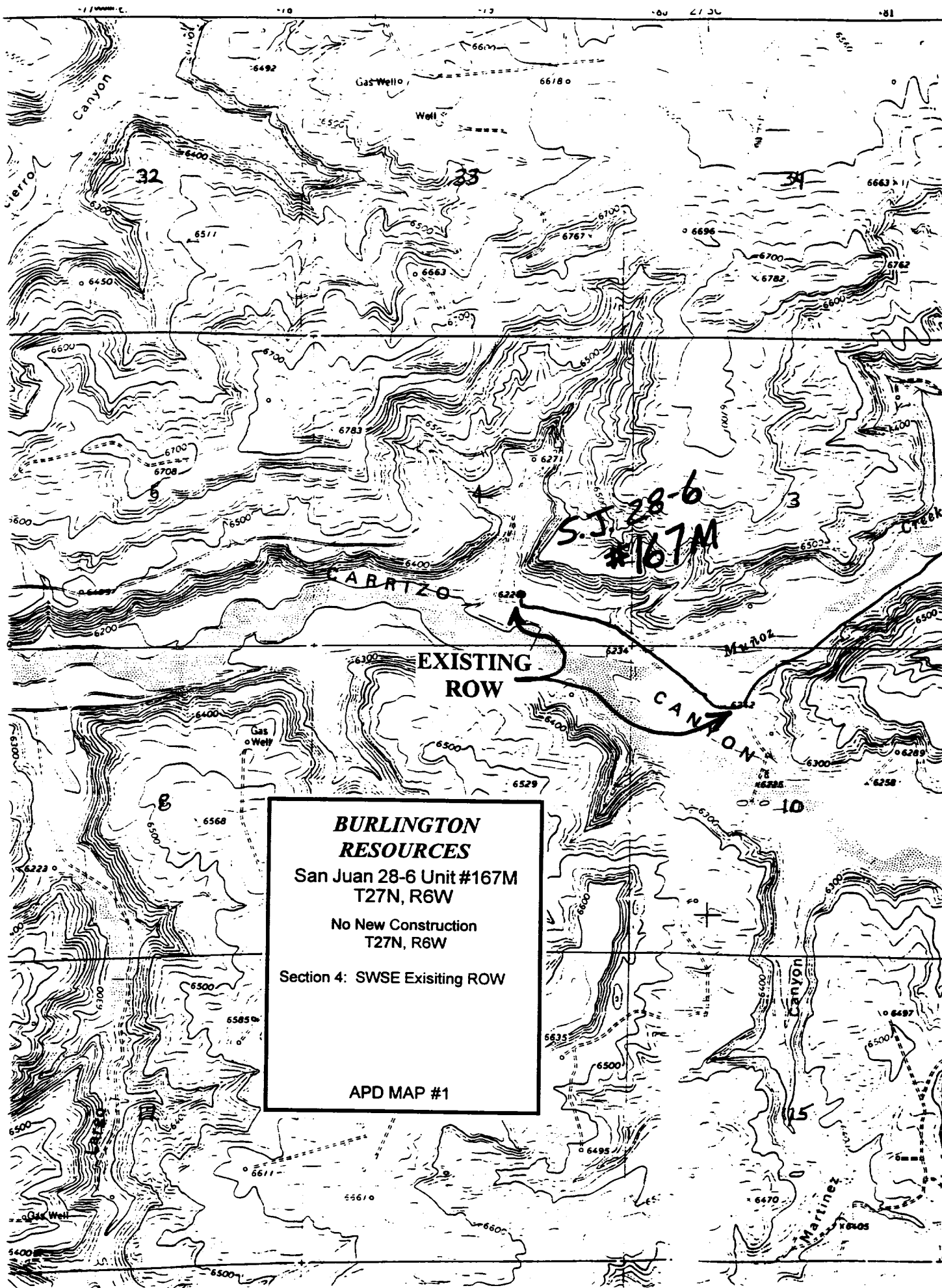
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 3183'	7"	20.0#	J-55
6 1/4"	3083' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7420'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7420' 2 3/8" 4.70# EUE



**BURLINGTON
RESOURCES**

San Juan 28-6 Unit #167M
T27N, R6W

No New Construction
T27N, R6W

Section 4: SWSE Existing ROW

APD MAP #1