

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN - 2 1998

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OIL CON. DIV.
DIST. 3

1a. Type of Work DRILL	9748522 AM11-44 070 FARMINGTON, NM	5. Lease Number SF-079049B 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 170M
4. Location of Well 1915' FSL, 1150' FEL Latitude 36° 36.1, Longitude 107° 29.1		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde/ 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) X Sec 5, T-27-N, R-6-W API # 30-039-25772
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 1150'		
16. Acres in Lease		17. Acres Assigned to Well 320.88 E/2 320.88 G/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1500'		
19. Proposed Depth 7640'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6473' GR		22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regulatory/Compliance Administrator		7-11-97 Date

PERMIT NO. _____

APPROVAL DATE 12/29/97

APPROVED BY Chip Haraden

TITLE Geologist
Acting TL

DATE 12/29/97

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

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-1
Revised February 21, 1977
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 30-039-25772	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7462	Property Name San Juan 28-6 Unit	Well Number 170M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6473'

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
I	5	27-N	6-W		1915	South	1150	East	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
MV-E/320.88 DK-E/320.88									

12 Dedication Acres: 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

16	4	3	2	5192.88	5	5266.80	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Peggy Bradfield</u> Printed Name: <u>Peggy Bradfield</u> Title: <u>Regulatory Administrator</u> Date: <u>7-11-97</u>
5325.54	RECEIVED JAN - 2 1998 OIL CON. DIV. DIST. 3	170	NMSF-079051A				
		1915'	NMSF-079051	1150'			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted 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. Date of Survey: <u>6/04/97</u> Signature and Seal of Professional Surveyor: <u>NEALE C. EDWARDS</u> Certificate Number: <u>6857</u>
			NMSF-079049B	5214.00			

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #170M
Location: 1915' FSL, 1150' FEL Sec 5, T-27-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 36.1, Longitude 107° 29.1
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6473' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2410'	
Ojo Alamo	2410'	2795'	aquifer
Fruitland	2795'	3168'	gas
Pictured Cliffs	3168'	3285'	gas
Lewis	3285'	3636'	gas
Intermediate TD	3385'		
Mesa Verde	3636'	4115'	gas
Chacra	4115'	4795'	
Massive Cliff House	4795'	4915'	gas
Menefee	4915'	5355'	gas
Massive Point Lookout	5355'	6548'	gas
Gallup	6548'	7285'	gas
Greenhorn	7285'	7385'	gas
Graneros	7385'	7497'	gas
Dakota	7497'		gas
TD (4 1/2" liner)	7640'		

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
200-3385'	LSND	8.4-9.0	30-60	no control
3385-7640'	Gas	n/a	n/a	n/a

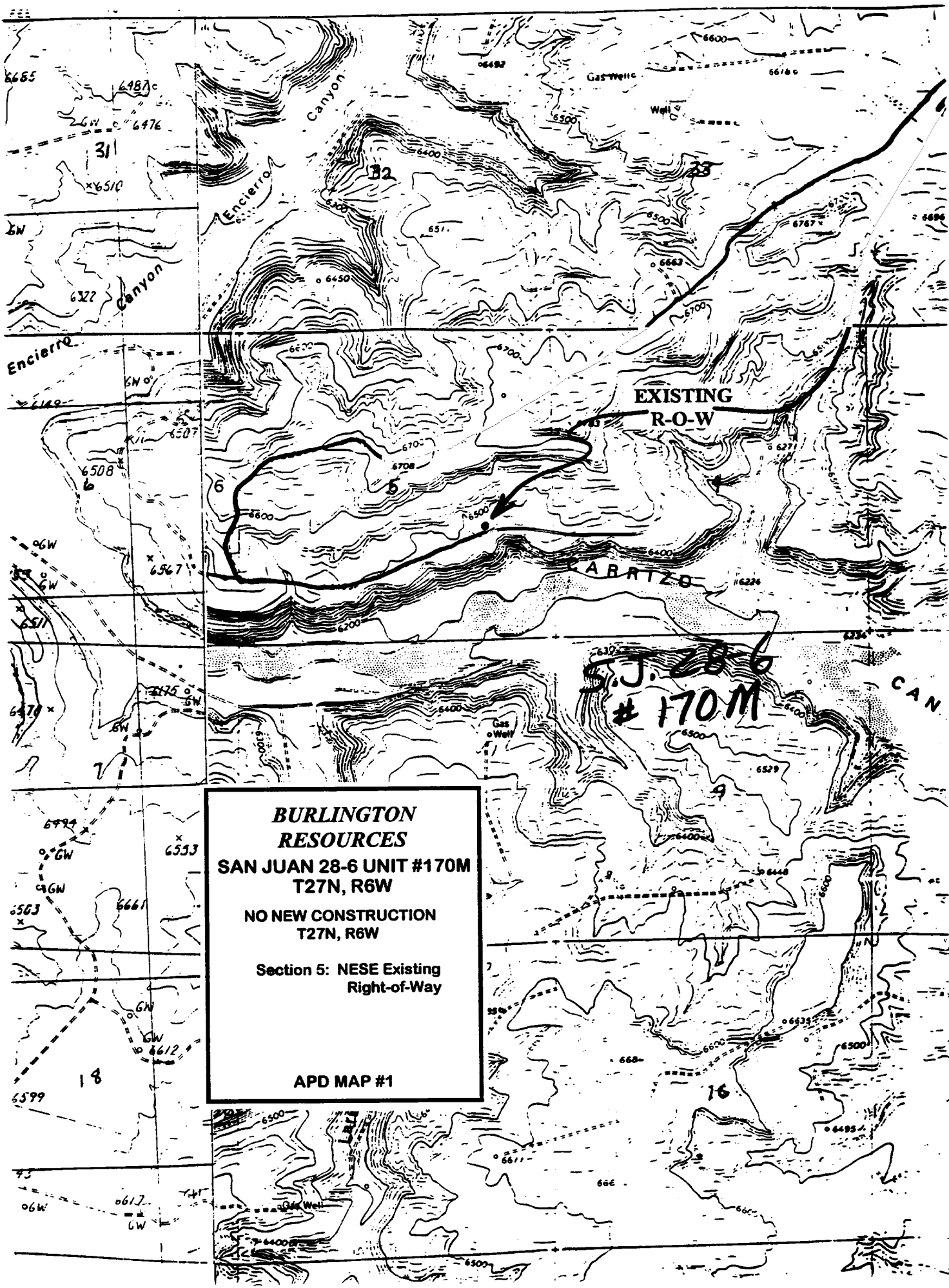
Pit levels will be visually monitored to detect gain or loss of fluid control.

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#	WC-50
8 3/4"	0' - 3385'	7"	20.0#	J-55
6 1/4"	3285' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7640'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7640'	2 3/8"	4.70# EUE
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**BURLINGTON
RESOURCES**
SAN JUAN 28-6 UNIT #170M
T27N, R6W
NO NEW CONSTRUCTION
T27N, R6W
Section 5: NESE Existing
Right-of-Way
APD MAP #1