

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-079365 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	7. Agreement Name San Juan 28-6 Unit 7462 7460
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-6 Unit 9. Well Number 171M
4. Location of Well 1390' FSL, 2060' FEL Latitude 36° 33.4, Longitude 107° 24.9	10. Field, Pool, Wildcat 72319 Blanco MV/Basin Dk 71599 11. Sec., Twn, Rge, Mer. (NMPM) J Sec 24, T-27-N, R-6-W API # 30-039- 25919
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 1390'	17. Acres Assigned to Well E/2 320 E/2 320
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 300'	
19. Proposed Depth 7709 This action is subject to technical and procedural review pursuant to 43 CFR 3105.1 and appeal pursuant to 43 CFR 3105.4.	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6582'	22. Approx. Date Work will Start 1/5/98
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u>[Signature]</u> (Regulatory/Compliance Administrator)	Date

PERMIT NO.

APPROVAL DATE

APPROVED BY AS/ Duane W. Spencer

TITLE

DATE JUL 28 1998

Archaeological Report submitted by Arboles - Technical Report #1145 dated 10-09-97
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NSL-4102

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980

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-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

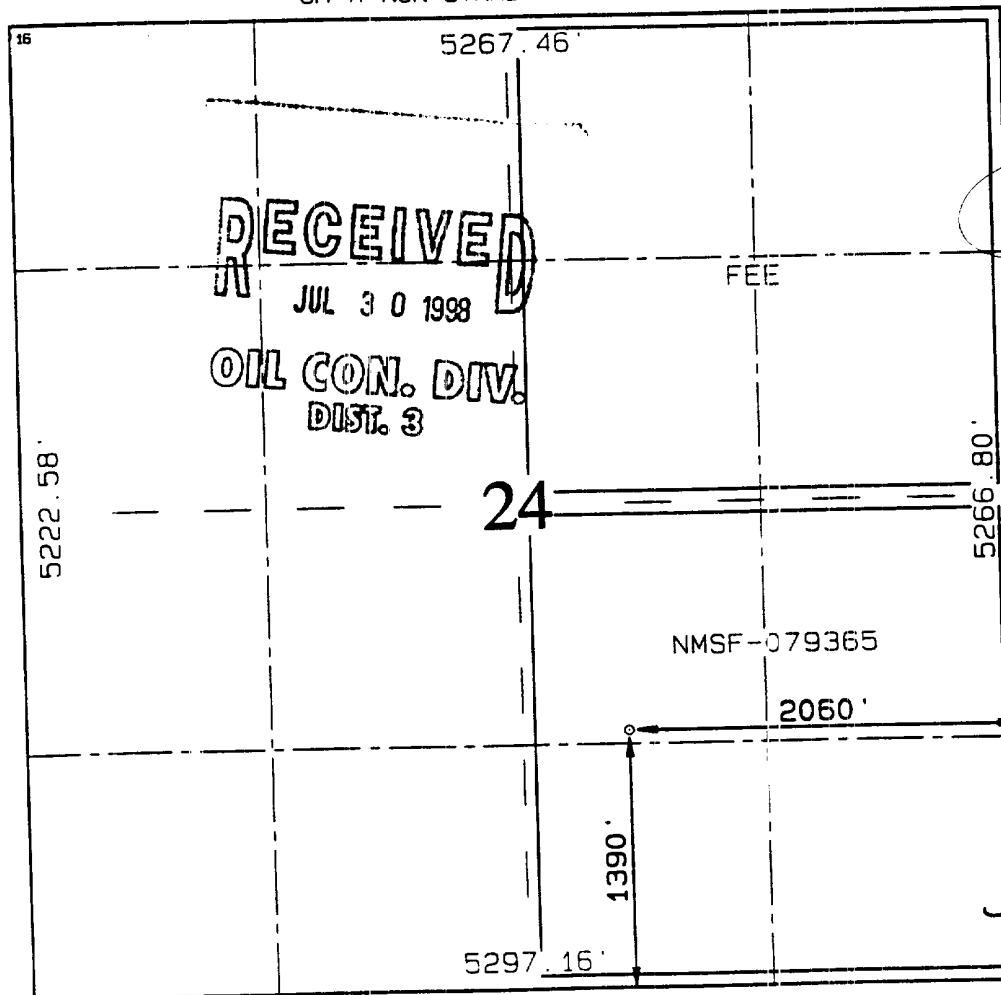
*API Number 30-039-25919		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7460	*Property Name SAN JUAN 28-5 UNIT		*Well Number 171M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6582'

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
J	24	27N	6W		1390	South	2060	East	RIO ARriba

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 14-E/320 DX-E/320	13 Joint or Infill	14 Consolidation 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



17 OPERATOR CERTIFICATION

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
1/5/98
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.

NOVEMBER 6, 1997
Date of Survey
Signature and Seal of Professional Surveyor
NEALE C. EDWARDS
NEW MEXICO
6857
Professional Surveyor
Certificate Number

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #171M
Location: 1390' FSL, 2060' FEL Sec 24, T-27-N, R-6-W
Rio Arriba County, NM
Latitude 36° 33.4, Longitude 107° 24.9
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6582' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2479'	
Ojo Alamo	2594'	2944'	aquifer
Fruitland	2944'	3279'	gas
Pictured Cliffs	3279'	3379'	gas
Lewis	3379'	3744'	gas
Intermediate TD	3479'		
Huerfanito Bentonite	3744'	3771'	gas
Chacra	4244'	4914'	
Massive Cliff House	4914'	5064'	gas
Menefee	5064'	5454'	gas
Massive Point Lookout	5454'	5904'	gas
Mancos	5904'	6954'	
Gallup	6954'	7374'	gas
Greenhorn	7374'	7674'	gas
Dakota	7674'		gas
TD (4 1/2" liner)	7709'		

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
200-3479'	LSND	8.4-9.0	30-60	no control
3479-7709'	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' - 3479'	7"	20.0#	J-55
6 1/4"	3379' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7709'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7709' 2 3/8" 4.70# EUE

**BURLINGTON
RESOURCES**

**San Juan 28-6 Unit #171M
T27N, R6W**

**No New Construction
T27N, R6W**

**Section 24: NWSE Existing
R.O.W.**

APD MAP #1

**EXISTING
ROW**

F I E

CARLIZO

Camino

