

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-012573
1b. Type of Well GAS	Unit Reporting Number
2. Operator BURLINGTON RESOURCES Oil & Gas Company	6. If Indian, All. or Tribe
7. Unit Agreement Name San Juan 30-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 30-6 Unit
4. Location of Well 1590' FSL, 975' FWL Latitude 36° 48.6, Longitude 107° 31.6	9. Well Number 71E
10. Field, Pool, Wildcat Basin Dakota	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 13, T-30-N, R-7-W
12. County Rio Arriba	13. State NM
14. Distance in Miles from Nearest Town 5 miles from Navajo City	15. Distance from Proposed Location to Nearest Property or Lease Line 975'
16. Acres in Lease	17. Acres Assigned to Well 320 S/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 150'	19. Proposed Depth 7900'
20. Rotary or Cable Tools Rotary	21. Elevations (DF, FT, GR, Etc.) 6230' GR
22. Approx. Date Work will Start	23. Proposed Casing and Cementing Program See Operations Plan attached
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	Date <u>2-1-99</u>

PERMIT NO. _____ APPROVAL DATE APR 14 1999
APPROVED BY /S/ Duane W. Spencer 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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

NMOC

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

93 FEB 11 PM 1:03 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26120	*Pool Code 71599	*Pool Name Basin Dakota
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT	*Well Number 71E
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6230'

10 Surface Location

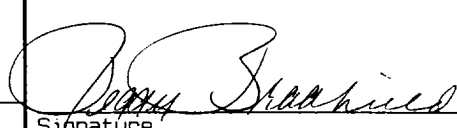
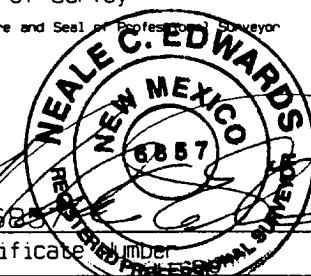
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	13	30N	7W		1590	SOUTH	975	WEST	RIO ARriba

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 S/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

16	5289.24'	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 2-1-99 Date
5280.00'	13 NMNM 012573 NMNM 012293 5278.68'	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. OCTOBER 5, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
975'		
1590'		

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #71E
Location: 1590' FSL, 975' FWL, Sec 13, T-30-N, R-7-W
Rio Arriba County, NM
Latitude 36° 48.6, Longitude 107° 31.6
Formation: Basin Dakota
Elevation: 6230' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2176'	
Ojo Alamo	2176'	2334'	aquifer
Kirtland	2334'	2898'	gas
Fruitland	2898'	3181'	gas
Pictured Cliffs	3181'	3398'	gas
Lewis	3398'	5054'	gas
Intermediate TD	3498'		
Mesa Verde	5054'	5844'	gas
Mancos	5844'	6252'	gas
Gallup	6252'	7389'	gas
Greenhorn	7389'	7432'	gas
Graneros	7432'	7564'	gas
Dakota	7564'		gas
TD (4 1/2" liner)	7900'		

Logging Program:

Cased hole - IEL-GR, CNL-CDL, ML - TD to surface

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 350'	Spud	8.4-9.0	40-50	no control
350- 3498'	LSND	8.4-9.0	30-60	no control
3498- 7900'	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' - 3498'	7"	20.0#	J-55
6 1/4"	3398' - 7900'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7900' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 30-6 UNIT #71E
1590' FSL & 975' FWL, SECTION 13, T30N, R7W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NW/4 SECTION 13, T30N, R7W

