

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-080712 Unit Reporting Number 8910005380	
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 30-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7469 San Juan 30-6 Unit 9. Well Number 82A	
4. Location of Well 1850' FNL, 965' FWL Latitude 36° 48' 02", Longitude 107° 29' 28"	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec, Twn, Rge, Mer. (NMPM) E Sec 20, T-30-N, R-6-W API # 30-039-25657	
14. Distance in Miles from Nearest Town 8 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 965'	17. Acres Assigned to Well 320 W/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1500'	
19. Proposed Depth 5830'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6288' GR	22. Approx. Date Work will Start	
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	<u>1-6-97</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY /S/ Duane W. Spencer TITLE _____ DATE _____

Archaeological Report to be submitted
Threatened and Endangered Species Report submitted by Ecosphere dated December 1996
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED
MAR 11 1997
DISTRICT MANAGER

NMDCD

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

RECEIVED
PLM

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

070 FARMINGTON, NM ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25657		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7469	Property Name San Juan 30-6 Unit		Well Number 82A
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6288'

10 Surface Location

UL or lot no. E	Section 20	Township 30-N	Range 6-W	Lot Idn	Feet from the 1850	North/South line North	Feet from the 965	East/West line West	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 Dedicated Acres W/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

<div>6</div> <div>5274.72'</div> <div>1850'</div> <div>965'</div> <div>SF-080712</div> <div>20</div> <div>5280.00'</div> <div>7 1/2</div> <div>FEE</div> <div>5272.08'</div>		<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div><div>Peggy Bradfield</div><div>Signature</div><div>Peggy Bradfield</div><div>Printed Name</div><div>Regulatory Administrator</div><div>Title</div><div>1-6-97</div><div>Date</div></div> <div>5280.00'</div> <div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>11/03/96</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div>NEALE C. EDWARDS</div> <div>NEW MEXICO</div> <div>6857</div> <div>REGISTERED PROFESSIONAL SURVEYOR</div> <div>6857</div> <div>Certificate Number</div>
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OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #82A
Location: 1850'FNL, 865'FWL Section 20, T-30-N, R-6-W
Rio Arriba County, New Mexico
Latitude 36° 48' 02", Longitude 107° 29' 28"
Formation: Blanco Mesa Verde
Elevation: 6288'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2325'	aquifer
Ojo Alamo	2325'	2755'	aquifer
Fruitland	2755'	3220'	gas
Pictured Cliffs	3220'	3315'	gas
Lewis	3315'	3915'	gas
Intermediate TD	3365'		
Mesa Verde	3915'	5235'	gas
Chacra	4270'	5105'	gas
Massive Cliff House	5105'	5150'	gas
Menefee	5150'	5430'	gas
Point Lookout	5430'		gas
Total Depth	5830'		

Logging Program:
Cased hole logging - Gamma Ray Neutron from 2325' to TD
Mud Logs/Coring/DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-3365'	LSND	8.4-9.0	30-60	no control
3365-5830'	Gas/Mist	n/a	n/a	n/a

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

Casing Program:

<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' - 3365'	7"	23.0#	CF-50
6 1/4"	3265' - 5830'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5830'	2 3/8"	4.7#	J-55
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BOP Specifications, Wellhead and Tests:
Surface to Intermediate TD -
11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

