

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL

1b. Type of Well  
GAS

2. Operator  
~~Meridian Oil Inc.~~

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499  
(505) 326-9700

4. Location of Well  
2530' FSL, 2315' FEL  
Latitude 36° 48.7, Longitude 107° 33.4

14. Distance in Miles from Nearest Town  
4 miles to Navajo City

15. Distance from Proposed Location to Nearest Property or Lease Line  
2315'

16. Acres in Lease

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease  
400'

19. Proposed Depth  
5747  
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

21. Elevations (DF, FT, GR, Etc.)  
6225' GR

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: *Debra Brashfield*  
Regulatory/Compliance Administrator

5. Lease Number  
NM-012694  
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name  
San Juan 30-6 Unit

8. Farm or Lease Name  
7469 San Juan 30-6 Unit

9. Well Number  
83A

10. Field, Pool, Wildcat  
72319 Blanco Mesa Verde

11. Sec., Twn, Rge, Mer. (NMPM)  
J Sec 15, T-30-N, R-7-W  
API # 30-039-25606

12. County  
Rio Arriba

13. State  
NM

17. Acres Assigned to Well  
E/2 320

20. Rotary or Cable Tools  
Rotary

22. Approx. Date Work will Start

DRILLING OPERATIONS AUTHORIZED AND  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

9-30-96  
Date

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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

APPROVED  
AS AMENDED

OCT 22 1996

DISTRICT MANAGER

NSL-3724

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

RECEIVED  
BLM

55 OCT -2 AM 7:48  
070 FARMINGTON, NM

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 30-039-25606		Pool Code 772319	Pool Name Blanco Mesaverde
Property Code 7469	Property Name San Juan 30-6 Unit		Well Number 83A
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6225'

<sup>10</sup> Surface Location

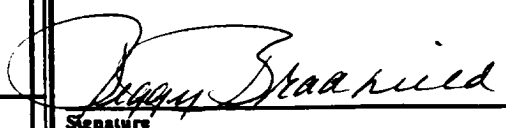
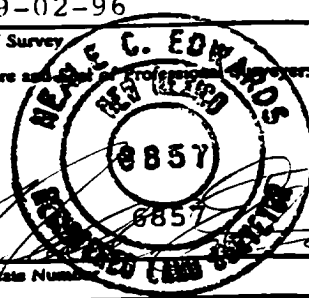
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	30 N	7 W		2530'	South	2315'	East	R.A.

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres E/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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>16</div> <div>5291.88'</div> <div>5280.00'</div> <div>5285.28'</div> <div>2315'</div> <div>2530'</div> <div>15</div> <div>RECEIVED OCT 25 1996 OIL CON. DIV. DIST. 3</div> <div>NM-012694</div>	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <div></div> <div>Signature Peggy Bradfield</div> <div>Printed Name Regulatory Administrator</div> <div>Title 9-30-96</div> <div>Date</div>
	<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <div>9-02-96</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor </div> <div>Certificate Number</div>

OPERATIONS PLAN

**Well Name:** San Juan 30-6 Unit #83A  
**Location:** 2530' FSL, 2315' FEL Section 15, T-30-N, R-7-W  
 Rio Arriba County, New Mexico  
 Latitude 36° 48.7, Longitude 107° 33.4  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6225' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2137'	aquifer
Ojo Alamo	2137'	2697'	aquifer
Fruitland	2697'	3137'	gas
Pictured Cliffs	3137'	3227'	gas
Lewis	3227'	3822'	gas
<b>Intermediate TD</b>	<b>3277'</b>		
Mesa Verde	3822'	4997'	gas
Massive Cliff House	4997'	5077'	gas
Menefee	5077'	5347'	gas
Point Lookout	5347'		gas
<b>Total Depth</b>	<b>5747'</b>		

**Logging Program:**

Openhole Wireline Logging - none  
 Cased hole logging - Gamma Ray Neutron  
 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
200-3277'	Weighted	8.4-9.0	30-60	no control
3277-5747'	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' - 3277'	7"	20.0#	K-55
6 1/4"	3127' - 5747'	4 1/2"	10.5#	K-55

**Tubing Program:**

0' - 5747'      2 3/8"      4.7#      J-55

**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.

**BURLINGTON  
RESOURCES**  
**SAN JUAN 30-6 UNIT #83A**  
**T30N, R7W**

**NO New Construction**  
**T30N, R7W**

**Section 15: NWSE 1200'**

**APD MAP #1**

