

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-080713B Unit Reporting Number 8910005380	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company 14538	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 43A	
4. Location of Well 2280' FSL, 1130' FEL Latitude 36° 48.7, Longitude 107° 25.3	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) 1 Sec 14, T-30-N, R-7-W API # 30-039-25837	
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 1130'	17. Acres Assigned to Well 320 E/2 320 E/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2200'	
19. Proposed Depth 5732' 7712'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6200' 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: <u>[Signature]</u> Regulatory/Compliance Administrator	
		Date 8-19-97

PERMIT NO. \_\_\_\_\_ APPROVAL DATE APR 15 1998  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Archaeological Report submitted  
Threatened and Endangered Species Report submitted by Ecosphere  
NOTE: Notice of Staking 8-4-97

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OIL CON. DIV.  
DIST. 3

HOLD C 104 FOR N54 @ NMOC

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State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-1  
Revised February 21, 1997  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

07 FEB 12 11:34 AM AMENDED REPOF

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25837	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT	*Well Number 43A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6200'

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	14	30	6		2280	South	1130	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 MV-E/320 DK-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

16	5268.12'	43	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 2/11/98 Date
RECEIVED APR 17 1998 OIL CON. DIV. DIST. 3	14	NMSF-080713B	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision and that the same is true and correct to the best of my belief.  JUNE 19, 1997 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS 6857 6857 Certificate Number
5280.00'	1130'	2280'	
5268.12'			

RECEIVED  
JAN 14 1964

1964 JAN 14

1964 JAN 14

## OPERATIONS PLAN

**Well Name:** San Juan 30-6 Unit #43A  
**Location:** 2280' FSL, 1130' FEL Section 14, T-30-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 48.7, Longitude 107° 25.3  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6200' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2237'	aquifer
Ojo Alamo	2237'	2652'	aquifer
Fruitland	2652'	2997'	
Pictured Cliffs	2997'	3212'	gas
Lewis	3212'	3842'	gas
Intermediate TD	3312'		
Mesa Verde	3842'	4207'	gas
Chacra	4207'	5077'	gas
Massive Cliff House	5077'	5112'	gas
Menefee	5112'	5332'	gas
Massive Point Lookout	5332'		gas
Total Depth	5732'		

*DAKOTA 7712*  
**Logging Program:**

Cased hole logging - Gamma Ray Neutron  
Coring/DST - none

**Mud Program:**

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3312'	LSND	8.4-9.0	30-60	no control
3312-5732'	Gas/Mist	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3312'	7"	20.0#	J-55
6 1/4"	3212' - 5732'	4 1/2"	10.5#	J-55

**Tubing Program:**

0' - 5732' 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.

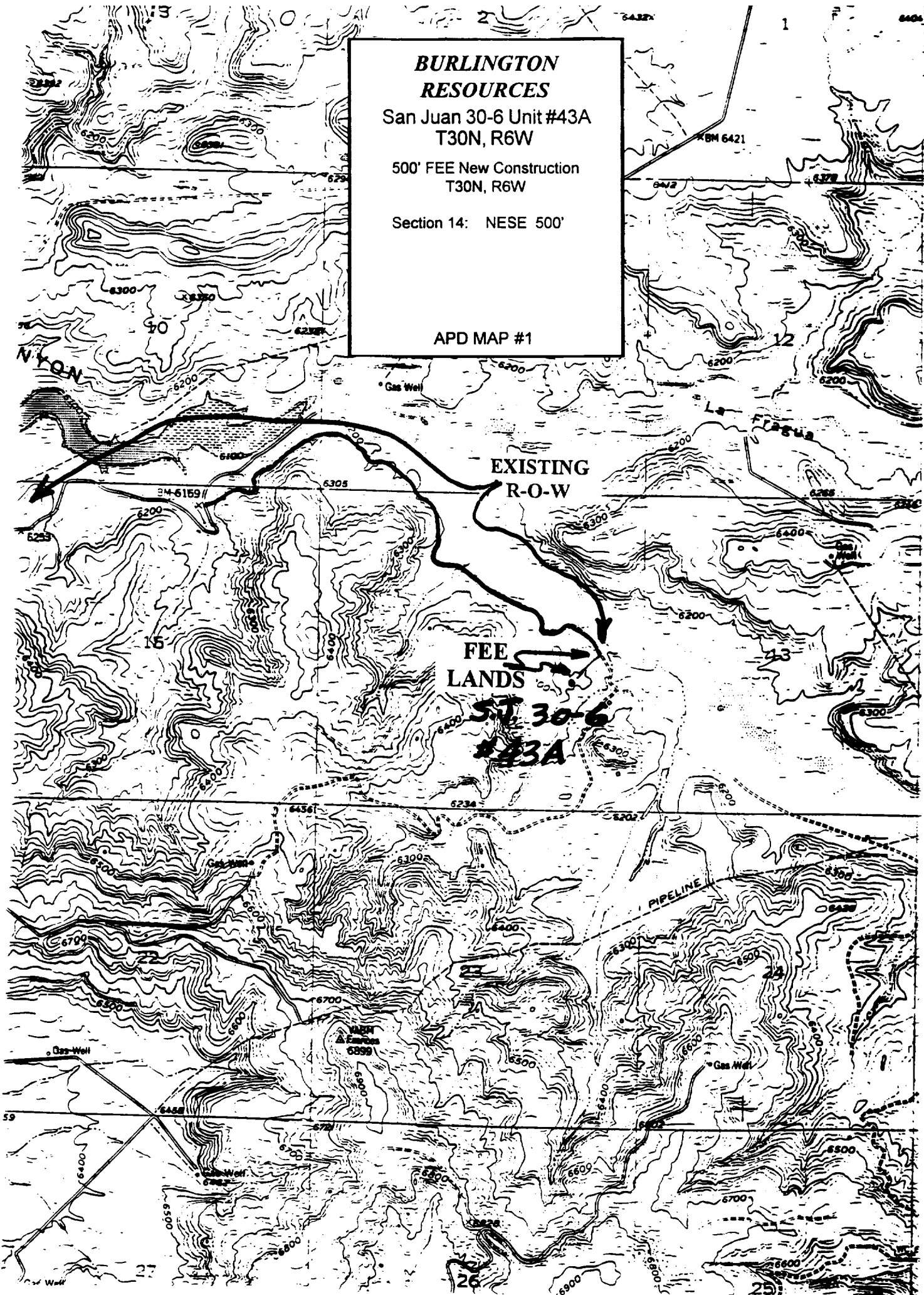
**BURLINGTON  
RESOURCES**

San Juan 30-6 Unit #43A  
T30N, R6W

500' FEE New Construction  
T30N, R6W

Section 14: NESE 500'

APD MAP #1



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

**RECEIVED**  
APR 17 1998

98 FEB 12 PM 3:46

070 FARMINGTON, NM

5. Lease Number  
SF-080713B

6. If Indian, All. or  
Tribe Name

2. Name of Operator

**OIL CON. DIV.**

**BURLINGTON**  
**RESOURCES**

DIST. 3

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. Well Name & Number

San Juan 30-6 U #43A

9. API Well No.

30-039-

4. Location of Well, Footage, Sec., T, R, M

2280' FSL, 1130' FEL, Sec. 14, T-30-N, R-6-W, NMPM

10. Field and Pool

Blanco MV/Basin DK

11. County and State

Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☒ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other -

13. Describe Proposed or Completed Operations

An application for permit to drill has been submitted for the subject well as a single Mesaverde. It is now intended to drill and complete the well as a Mesaverde Dakota dual. A revised C-102 well location plat is attached. The new proposed total depth is now 7712'. The revised casing and cementing program is as follows: a 5 1/2" 15.5# K-55 flushjoint liner will be run from 3212-7712'. The 5 1/2" production liner will be cemented as follows: cement to cover a minimum of 100' of 5 1/2" x 7" overlap with 228 sx Class "B" 50/50 poz w/2% gel, 5 pps Gilsonite, 0.25 pps Cellophane, 0.4% fluid loss additive (303 cu.ft., 40% excess cement). WOC a minimum of 18 hours prior to completion. A cement float shoe will be run on bottom with float collar on top of the shoe joint. Note: to facilitate higher hydraulic stimulation, no liner hanger will be used. Instead, a longstring of 5 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 5 1/2" and 7" casing strings. After completion of the well, a 5 1/2" CIBP will be set above the last fracturing job to cut and pull the 5 1/2" casing above the 7" casing shoe. The 5 1/2" bridge plug will then be milled and two strings of tubing with a packer will be run for a dual completion.

A variance is requested from Onshore Order #2, III, B. The casing collar clearance in the 5 1/2" flushjoint/6 1/4" hole will be 0.375", a 0.047" variance.

14. I hereby certify that the foregoing is true and correct.

Signed *David J. Kaspud* (KASPUD) Title Regulatory Administrator Date 2/12/98

(This space for Federal or State Office use)

APPROVED BY *TS/ Duane W. Spencer* Title \_\_\_\_\_

Date APR 15 1998

CONDITION OF APPROVAL, if any: \_\_\_\_\_