

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-080537 Unit Reporting Number
1b. Type of Well GAS	6. Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company 14538	7. Unit Agreement Name San Juan 30-5 Unit 17430
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 30-5 Unit 9. Well Number 262
4. Location of Well 1840' FSL, 2510' FWL Latitude 36° 49' 30", Longitude 107° 18' 30"	10. Field, Pool, Wildcat Basin Ft Coal 71639 11. Sec, Twn, Rge, Mer. (NMPM) K Sec 12, T-30-N, R-5-W API# 30-039-25959
14. Distance in Miles from Nearest Town 60 miles to Bloomfield	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1840'	17. Acres Assigned to Well 268.85 S/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 3498' 3458'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6661' GR	22. Approx. Date Work will Start 7-27-98
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

**AUG 21 1998**

APPROVED BY [Signature]

TITLE

Pet Eng.

DATE

8/21/98

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.

NMOCD

District I  
PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer KKK, Aramis, NM 87211-0719  
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

<sup>1</sup> API Number 30-039	<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal
<sup>4</sup> Property Code 17260	<sup>5</sup> Property Name SAN JUAN 30-5 UNIT	<sup>6</sup> Well Number # 262
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	<sup>9</sup> Elevation 6661

<sup>10</sup> Surface Location

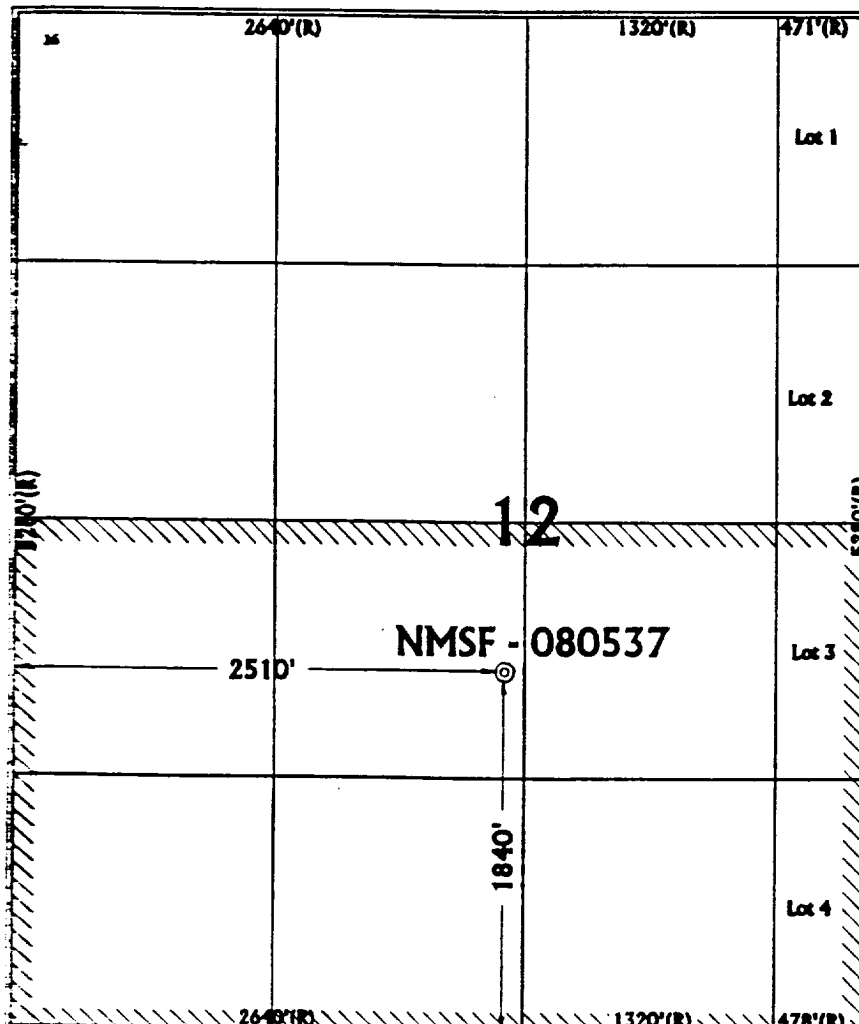
UL or Lot No.	Section	Township	Range	Lot 1/2/3/4	Feet from the	North/South line	Feet from the	East/West line	County
K	12	30 N	5 W		1840	SOUTH	2510	WEST	RIO ARriba

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/2/3/4	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres S/268.85	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> 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

Date

<sup>18</sup> 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.

July 13, 1998

Date of Survey

Signature and Seal of Professional Surveyor



7016  
Certificate Number

# OPERATIONS PLAN

**Well Name:** San Juan 30-5 Unit #262  
**Location:** 1840' FSL, 2510' FWL Section 12, T-30-N, R-5-W  
Latitude 36° 49' 30", Longitude 107° 18' 30"  
Rio Arriba County, NM  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6661' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2848'	
Ojo Alamo	2848'	2943'	aquifer
Kirtland	2943'	3239'	
Fruitland	3258'	3468'	gas
Fruitland Coal	3358'	3448'	gas
**Pictured Cliffs	3468'		
Total Depth	3498'		

**\*\*Pictured Cliffs top listed is actually upper PC inner-tongue. Main PC is approximately 150' deeper. Neither the main or inner-tongue is productive in this area and should not be affected by open hole cavitation operations.**

**Logging Program:** Mud logs from below 7" to Total Depth.

**Coring Program:** none

## **Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-3308'	Non-dispersed	8.4-9.0	30-60	no control
3308-3498'	Air			

## **Casing Program (as listed, the equivalent, or better):**

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3308'	7"	20.0#	K-55
6 1/4"	3208' - 3498'	5 1/2"	15.5#	K-55

## **Tubing Program:**

0' - 3498'	2 3/8"	4.7#	J-55
------------	--------	------	------

**Float Equipment:** 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill float collar. Three centralizers run every fourth joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2943'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - Pre-drilled liner run to the 7" casing with an overlap. Liner hanger is a slip grip type.

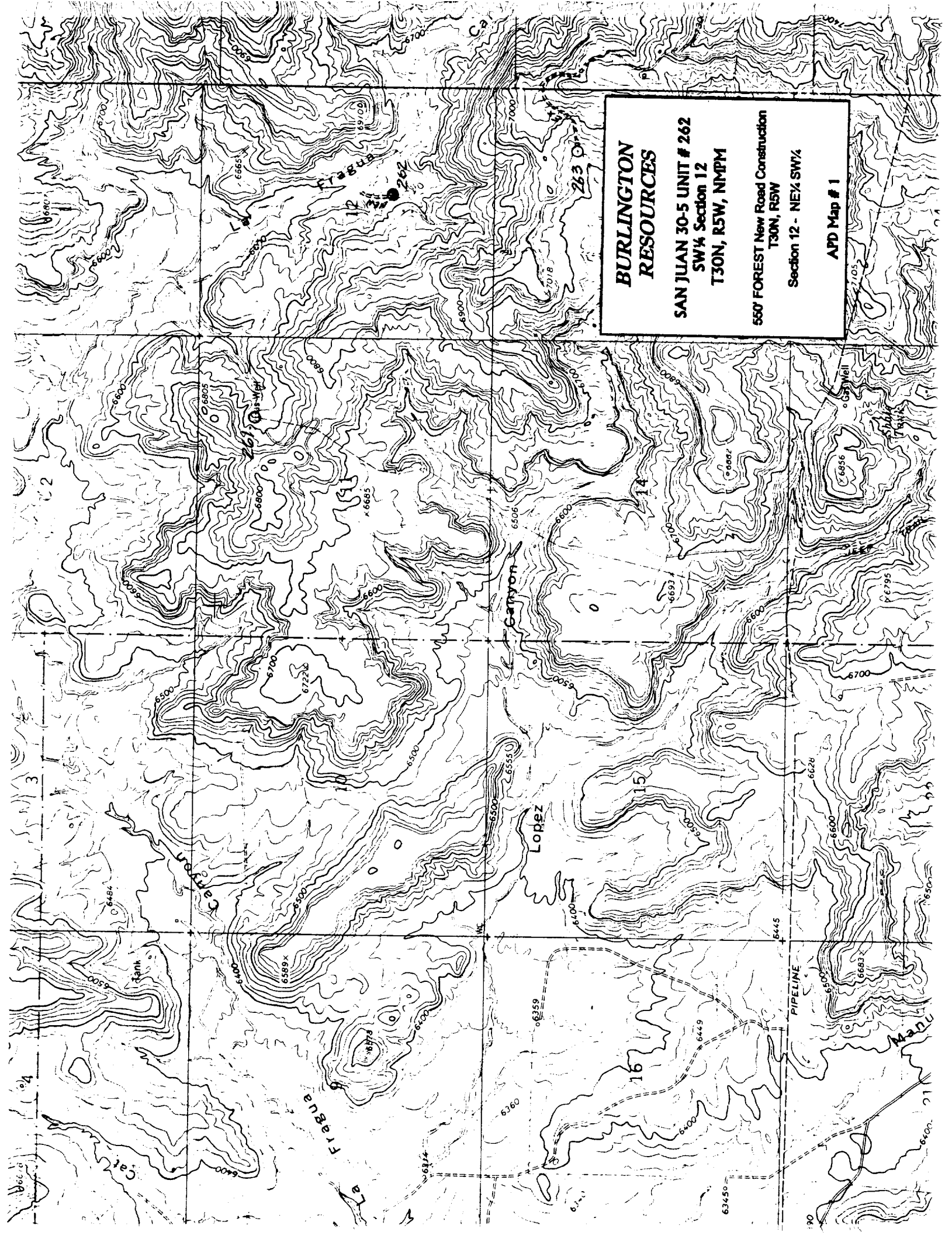
**Wellhead Equipment:** 9 5/8" x 7" x 2 3/8" x 11" 3000 psi xmas tree assembly.

**BURLINGTON  
RESOURCES**

**SAN JUAN 30-5 UNIT # 262  
SW 1/4 Section 12  
T30N, R5W, NMPM**

**550' FOREST New Road Construction  
T30N, R5W  
Section 12 - NE 1/4 SW 1/4**

**APD Map # 1**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

11. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

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

1840' FSL, 2510' FWL, Sec. 12, T-30-N, R-5-W, NMPM DIST. 3

5. Lease Number  
SF-080537

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 30-5 Unit

8. Well Name & Number  
San Juan 30-5 U #262

9. API Well No.  
30-039-25959

10. Field and Pool  
Basin Fruitland Coal

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 - Spud

13. Describe Proposed or Completed Operations

9-14-98 MIRU. Spud well @ 9:00 p.m. 9-14-98. Drill to 215'. Circ hole clean. TOOH. TIH w/5 jts 9 5/8" 32.3# WC-50 ST&C csg, set @ 210'.

9-15-98 Cmt w/185 sx Class "B" neat cmt w/3% calcium chloride, 0.25 pps Flocele (218 cu.ft.). Circ 14.75 bbl cmt to surface. WOC. NU BOP. PT BOP & csg to 600 psi/30 min, OK. Drilling ahead.

9-17-98 Drill to TD @ 3300'. Circ hole clean. TOOH. TIH w/82 jts 7" 20# J-55 ST&C csg, set @ 3289'. Pump 20 bbl wtr, 20 bbl chemical wash, 20 bbl wtr ahead. Cmt w/326 sx Class "B" neat cmt w/3% Econolite, 0.5 pps Cellophane, 7 pps Kolite (949 cu.ft.). Tailed w/104 sx Class "B" 50/50 poz w/2% gel, 2% calcium chloride, 0.5 pps Cellophane, 7 pps Kolite (146 cu.ft.). Circ 22 bbl cmt to surface. WOC. PT BOP & csg to 1500 psi/30 min, OK. ND BOP. NU WH. RD. Rig released.

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

Signed [Signature] Title Regulatory Administrator Date 9/21/98  
no

(This space for Federal or State Office use)

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

Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

**ACCEPTED FOR RECORD**

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

OCT 02 1998

FARMINGTON DISTRICT OFFICE

BY [Signature]

NMOC