

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-078423
1b. Type of Well GAS	Unit Reporting Number 891001695DC for Frt Coal
2. Operator BURLINGTON RESOURCES 14538	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 29-7 Unit
4. Location of Well 1600' FSL, 900' FWL Latitude 36° 44.3, Longitude 107° 36.0	8. Farm or Lease Name 7465 San Juan 29-7 Unit
	9. Well Number 520
	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal/ 72359 Blanco Pic. Cliffs
	11. Sec., Twn, Rge, Mer. (NMPM) L Sec 8, T-29-N, R-7-W API # 30-039-25635
14. Distance in Miles from Nearest Town 1 mile to Navajo City	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 900'	
16. Acres in Lease	17. Acres Assigned to Well 320 W/2; 160 SW/4
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 200'	
19. Proposed Depth 3300'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6270' 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><i>Regan Sheffield</i></u> Regulatory/Compliance Administrator	Date <u>10-31-96</u>

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

APPROVED
AS AMENDED

Archaeological Report submitted by SJC DCA Report #96-DCA-063
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

FEB 05 1997
DISTRICT MANAGER

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Hondo 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

Form C-10
Revised February 21, 199

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25635	Pool Code 71629/72439	Pool Name Basin Fruitland Coal/SF Blanco Pict.Cliff
Property Code 7465	Property Name San Juan 29-7 Unit	Well Number 520
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY	Elevation 6270'

10 Surface Location

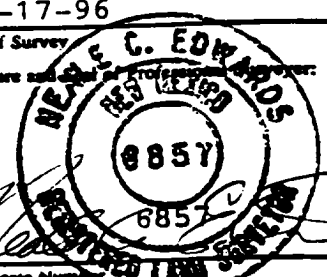
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	8	29 N	7 W		1600	South	900	West	R.A.

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 160-W/320	13 Joint or Infill	14 Consolidation Code	15 Order No. 160 acres for density purposes for the Pict.Cliff 320 acres for Revenue purposes for the Pict.Cliff
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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>5281.32'</div> <div>RECEIVED FEB - 7 1997 OIL CON. DIV. DIST. 3</div> <div>SF-078423</div> <div>5280.00'</div> <div>900'</div> <div>1600'</div> <div>5286.60'</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><u>Peggy Bradfield</u> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 10-31-96 Date</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>9-17-96 Date of Survey</div> <div><u>HELEN C. EDWARDS</u> Signature and Title of Surveyor</div> <div> Certificate Number</div>
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OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #520
Location: 1600' FSL, 900' FWL Section 8, T-29-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 44.3, Longitude 107° 36.0
Formation: Basin Fruitland Coal/Blanco Pictured Cliffs
Elevation: 6270' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2060'	
Ojo Alamo	2060'	2222'	aquifer
Kirtland	2222'	2750'	
Fruitland	2750'	3063'	
Fruitland Coal Top	2900'	3050'	gas
Pictured Cliffs	3063'		gas
Total Depth	3300'		

Logging Program: Mud logs from 2800' to Total Depth.
 HRI/GR/SP surface to Total Depth.
 CNT/LDT/MLT 2800' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3300'	Non-dispersed	8.4-8.9	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-40
7 7/8"	0 - 3300'	4 1/2"	10.5#	K-55

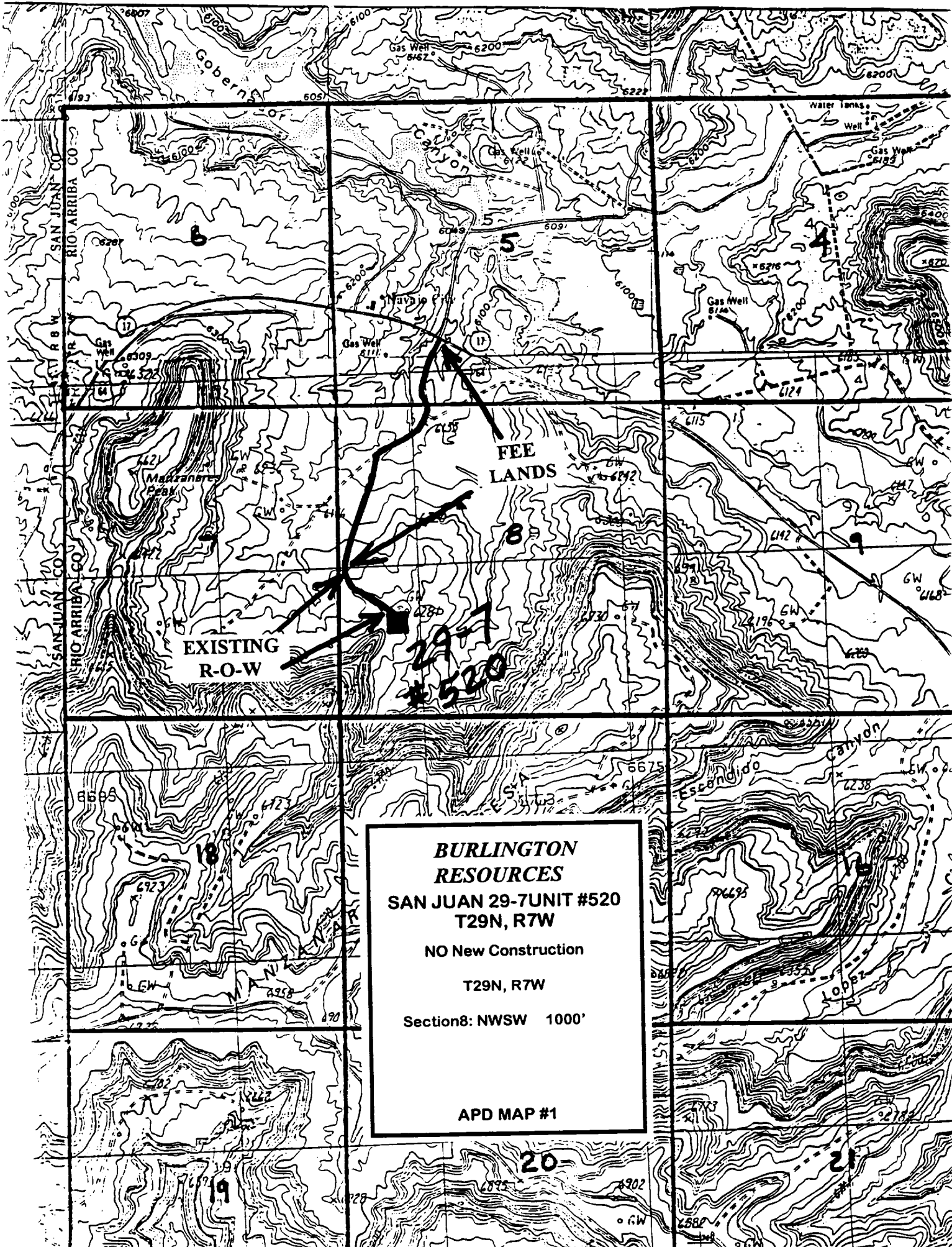
Tubing Program:

0 - 3300'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Six centralizers run every 3rd joint to the base of the Ojo Alamo @ 2222'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2222'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.



**BURLINGTON
RESOURCES**
SAN JUAN 29-7 UNIT #520
T29N, R7W

NO New Construction

T29N, R7W

Section 8: NWSW 1000'

APD MAP #1