UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR PERMIT TO DRILL, D	EEPEN, OR PLUG BACK
1a.	Type of Well Type of Well	5. Lease Number NM-4453 Unit Reporting Number 6. If Indian, All. or Tribe
15.	GAS MAY 2000	G. It fildian, All. of Tribe
2.	Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Name Carson SRC
	(505) 326 - 9700	9. Well Number
4.	Location of Well 1055' FSL, 1415' FWL	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36° 50.2, Longitude 107° 18.8	N Sec. 1, T-30-N, R-5-W API# 30-039- 2636/
14.	Distance in Miles from Nearest Town 10 miles from Gobernador	12. County 13. State Rio Arriba NM
15.	Distance from Proposed Location to Nearest Property or Le	ease Line
16.	Acres in Lease	17. Acres Assigned to Well 268.34 S/2
18.	Distance from Proposed Location to Nearest Well, Drlg, Co	mpl, or Applied for on this Lease
19.	Proposed Depthocedural review pursuant to 43 CFR 3186.3 3345' and appeal pursuant to 43 CFR 3185.4. 3356 Re N. O. Its non Alzsign Celt	20. Rotary or Cable Tools Rotary
21.	Elevations (DF, FT, GR, Etc.) 6571' GR	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE
23.	Proposed Casing and Cementing Program See Operations Plan attached	SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24.	Authorized by: Regulatory/Compliance Administ	2.300 Date
PERM		/AL DATE
APPR	OVED BY /s/ Jim Lovato TITLE	DATE OF THE PARTY

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.

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

Oistrict IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease – 4 Copies
Fee Lease – 3 Copies

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

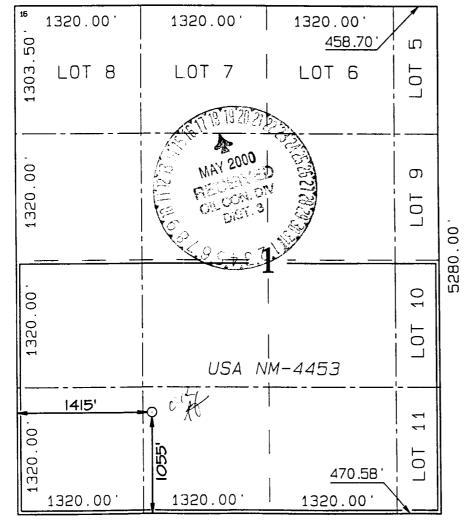
AMENDED REPORT

Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 'Pool Code 'Pool Name				e					
30-039-2636/			71	71629 Basin Fruitland Coal			L		
'Property Code 18492		• .	³Property Name				⁶ We	*Well Number 100 *Elevation	
			CARSON SRC						
'OGRID No.				Operator Name			•E		
14538 BI			BURLI	NGTON	RESOURCE	S OIL & GAS	COMPANY		6571
		-			^{lo} Surface	Location			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	1	30N	5W		1055	SOUTH	1415	WEST	RIO ARRIBA
		11 B	ottom	Hole L	ocation]	[f Different	From Surf	ace	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		¹³ Joint or Inf	ill ¹⁴ Cons	colidation Code	²⁵ Order No.	1	<u> </u>		1

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



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature Peggy Cole

Printed Name

Certificate

Regulatory Administrato

Title

2-3-00

Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this planes plotted from field notes of actual surveys made by an or under my supervision, and that the same is true and cornect to the best of my belief.

DECEMBER 10, 1999

Date of Survey C. ED Was Signature and Salar ME (6857)

8 6857

6857

OPERATIONS PLAN

Well Name: Carson SRC #100

Location: 1055' FSL, 1415' FWL, Section 1, T-30-N, R-5-W

Latitude 36° 50.2, Longitude 107° 18.8

Rio Arriba County, NM

Formation: Basin Fruitland Coal

Elevation: 6571' GR

Formation:	Top	Bottom	Contents
Surface Ojo Alamo Kirtland Fruitland	San Jose 2763' 2863' 3168'	2763' 2863' 3168' 3266'	aquifer gas gas
Intermediate casing Basal Coal Total Depth	3216′ 3266 ' 3356'	3200	gas

Logging Program:

Open hole - GR, CDL - TD to intermediate casing Mud log - TD to intermediate casing

Coring Program: none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-3356'	Non-dispersed	8.4-9.0	30-60	no control

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#	WC-50
8 3/4"	0' - 3216'	7"	20.0#	J-55
6 1/4"	3105' - 3356'	5 1/2"	15.5#	K-55
Tubing Program:				
_	0' - 3356'	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 @ 2863'. 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.

Cementing:

9 5/8" surface casing - cement with 160 sx Class "B" cement with $\frac{1}{2}$ pps cellophane and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi/30 minutes.

7" intermediate casing - lead w/297 sacks Class "B" with 3% sodium metasilicate, 10 pps Gilsonite, and 1/2 pps sack Flocele. Tail with 90 sacks 50/50 Class "B" Pozmix with 2% gel, 2% calcium chloride, 1/2 pps flocele and 7 pps Gilsonite (977 cu.ft., 100% excess to circulate to surface).

5 1/2" liner - uncemented.

BOP and tests:

Surface to intermediate TD - 11" 2000 psi (minimum) double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test rams to 600#/30 min.

Intermediate TD to Total Depth - $7\ 1/6"$ 3000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test blind rams and casing to 2500 psi for 30 minutes; all pipe rams and casing to 2500 psi for 30 minutes each.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- The Fruitland Coal formation will be completed.
- Anticipated pore pressure for the Fruitland is 1000 psi.
- This gas is dedicated.
- The south half of section 1 is dedicated to this well.

Drilling Engineer: Steer Cadrel Date: 2/3/2000

BURLINGTON RESOURCES OIL & GAS COMPANY CARSON SRC #100

1055' FSL & 1415' FWL, SECTION I, T3ON, R5W, N.M.P.M. RIO ARRIBA COUNTY, NEW MEXICO

