UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
2003 JAN -9 AM 10: 21
070 Farmington, NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

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

4. Location of Well
1905'FSL, 1820'FEL
Latitude 36° 58.6862, Longitude 107° 31.9700

5. Lease Number
NMSF078459B
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name
Allison Unit

8. Farm or Lease Name
Allison Unit
9. Well Number
126S

10. Field, Pool, Wildcat
Basin Fruitland Coal
11. Sec., Twn, Rge, Mer. (NMPM)
J Sec. 14, T-32-N, R-7-W
API # 30-045- 31335

14. Distance in Miles from Nearest Town
Ignacio 16 miles, Allison 8 miles

12. County San Juan **13. State** NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1820'

16. Acres in Lease

17. Acres Assigned to Well
346.2 E/2

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
75'

19. Proposed Depth
3585'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6843' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Peggy Cole
Regulatory/Compliance Supervisor Date 1-2-03

APR 2003

PERMIT NO. _____ **APPROVAL DATE** _____

APPROVED BY /s/ David J. Mankiewicz **TITLE** _____ **DATE** APR 14 2003

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.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

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

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

[1] API Number	[2] Pool Code	[3] Pool Name
30-045 31335	71629	Basin Fruitland Coal

[4] Property Code	[5] Property Name	[6] Well Number
6784	ALLISON UNIT	126S

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY, LP	6843'

[10] Surface Location

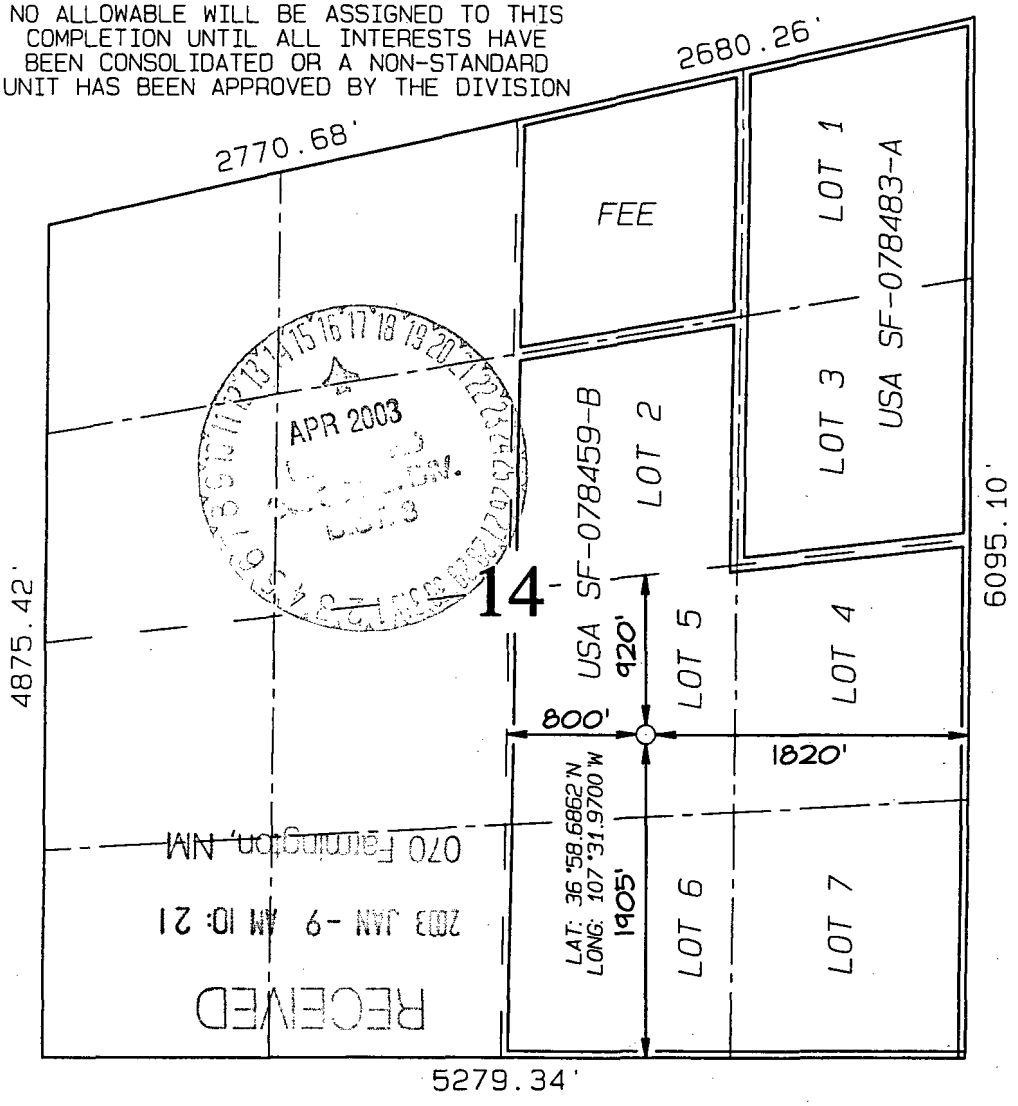
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	14	32N	7W		1905	SOUTH	1820	EAST	SAN JUAN

[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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
E/346.2			

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



[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 Cole

Peggy Cole
Printed Name

Regulatory Supervisor
Title

1-2-03
Date

[18] 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.

Survey Date: SEPTEMBER 19, 2002

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

OPERATIONS PLAN

Well Name: Allison Unit #126S
Location: 1905'FSL, 1820'FEL Section 14, T-32-N, R-7-W
Latitude 36° 58.6862'N, Longitude 107° 31.9700'W
San Juan County, NM
Formation: Basin Fruitland Coal
Elevation: 6843'GR

Formation:	Top	Bottom	Contents
Surface	San Jose	2595'	
Ojo Alamo	2595'	2707'	aquifer
Kirtland	2707'	3194'	
Fruitland	3194'	3396'	
Intermediate TD	**3366'**		
Fruitland Coal	3396'	3701'	gas
B/Basal Coal	3701'	3702'	gas
Total Depth	**3585'**		
Pictured Cliffs	3702'		

Logging Program: none
Coring Program: none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 250'	Spud	8.4-9.0	40-50	no control
250-3366'	Non-dispersed	8.4-9.0	30-60	no control
3366-3585'	Air/Mist			

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

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 250'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3366'	7"	20.0#	J-55
6 1/4"	3366' - 3585'	open hole		
Tubing Program:				
	0' - 3585'	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. Standard centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2707'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 9 5/8" x 7" x 2 3/8" x 11" 2000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 180 sx Type III cement w/2% calcium chloride, 0.25 pps celloflake (253 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hours. PT csg to 600 psi for 30 minutes.

7" intermediate casing - lead w/414 sacks Premium Lite with 3% calcium chloride, 5 pps LCM-1, and 1/4#/sack flocele, 0.4% FL-52, & 0.4% SMS. Tail with 90 sacks Type III cmt with 1% calcium chloride, 1/4#/sack flocele and 0.2% FL-52 (1066 cu.ft., 100% excess to circulate to surface).

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

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" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test blind rams and casing to 1500 psi for 30 minutes; all pipe rams and casing to 1500 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 less than 500 psi.
* This gas is dedicated.
* The east half of section 14 is dedicated to the Fruitland Coal.

Date: 1/8/03 Drilling Engineer: Erin J. Giles