

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2004 JAN 13 PM 2:40

1a. Type of Work DRILL	5. Lease Number NMNM-6893 Unit Reporting Number 070 Farmington, NM
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	8. Farm or Lease Name Wilmer Canyon 9. Well Number #101S
4. Location of Well 1235' FNL, 1630' FWL Latitude 36° 57.4770'N, Longitude 107° 37.7911W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 25, T32N, R8W API # 30-045-32132
14. Distance in Miles from Nearest Town 29.1 miles to Blanco Post Office	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1235'	17. Acres Assigned to Well 320 W/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 21'	
19. Proposed Depth 3797'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6927' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Joni Clark</u> Regulatory/Compliance Specialist	<u>12-10-03</u> Date

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY /s/ David J. Mankiewicz

TITLE _____

DATE FEB 25 2004

Archaeological Report attached

Threatened and Endangered Species Report attached

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.

THIS ACTION IS SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

NMOCD

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

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

DISTRICT II
511 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 32132	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 18641	⁵ Property Name WILMER CANYON	⁶ Well Number 101S
⁷ OGRIID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6927

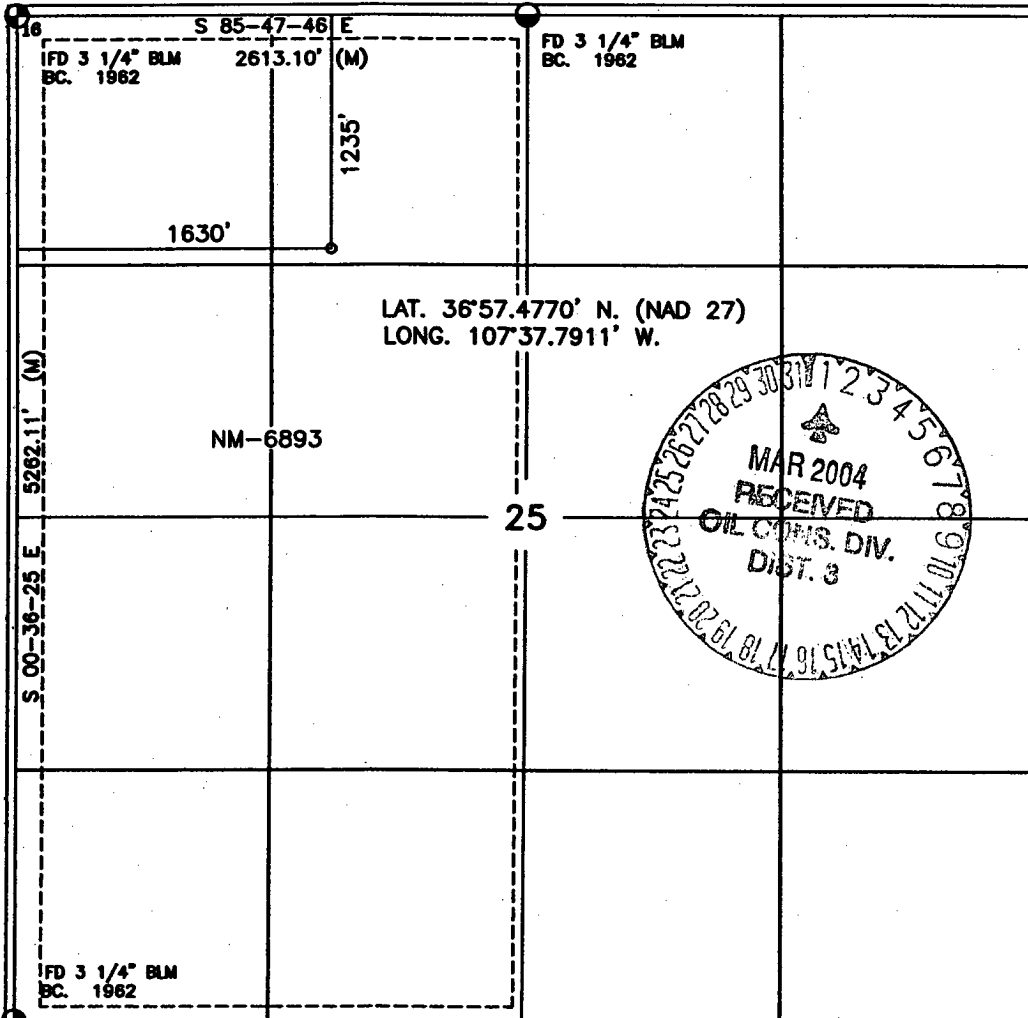
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	32-N	8-W		1235	NORTH	1630	WEST	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 W/320			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

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.

Joni Clark
Signature

Joni Clark

Printed Name

Regulatory Specialist

Title

12-10-03

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.

DAVID A. JOHNSON
Date of Survey
Signature and Seal of Professional Surveyor:
14827

Certificate Number

BURLINGTON RESOURCES

RECEIVED

SAN JUAN DIVISION

2004 FEB 11 AM 10:18

February 10, 2004

070 Farmington, NM

Bureau of Land Management
1235 La Plata Highway
Farmington, New Mexico 87401

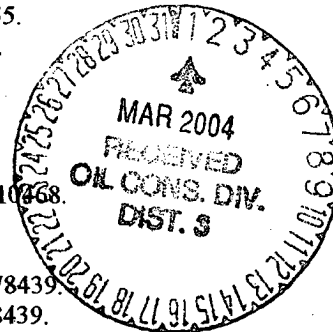
Dear Adrienne Garcia:

The surface cement slurry has been changed for the following wells to:

Cement with Type III cement with 0.25 pps Celloflake, 3% calcium chloride. (1.28 yeild, 15.2 ppg, 200% excess, bring cement to surface). Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. Test casing to 600 psi for 30 minutes.

9-5/8" csg set @ 120'
88 sxs cmt
113 cu. ft. of slurry

Allison Unit 120S, NWSE, Sec. 30, T-32-N, R-6-W, Federal lease NM-04207.
Allison Unit 121S, SENW, Sec. 30, T-32-N, R-6-W, Federal lease SF-081155.
Carson SRC 101S, SWNW, Sec. 1, T-30-N, R-5-W, Federal lease NM-4453.
Federal G 1N, SESW, Sec. 35, T-31-N, R-12-W, Federal lease SF-078120A.
Hale 351S, SWNW, Sec. 34, T-31-N, R-8-W, Federal lease SF-079037.
Hale 352S, NWSE, Sec. 27, T-31-N, R-8-W, Federal lease SF-079037.
Howell A 301S, NENW, Sec. 4, T-30-N, R-8-W, Federal lease SF-078580.
Howell Com J 301S, NWNW, Sec. 11, T-30-N, R-8-W, Federal lease NM-010268.
Howell D 350S, SWSW, Sec. 28, T-31-N, R-8-W, Federal lease SF-078387.
Howell D 351S, SENW, Sec. 29, T-31-N, R-8-W, Federal lease SF-078387.
Johnston Federal 15S, NWSW, Sec. 35, T-31-N, R-9-W, Federal lease SF-078439.
Johnston Federal 26S, SWNW, Sec. 7, T-31-N, R-9-W, Federal lease SF-078439.
Johnston Federal 29S, SWSE, Sec. 7, T-31-N, R-9-W, Federal lease SF-078439.
San Juan 32-9 Unit 250S, SWSE, Sec. 4, T-31-N, R-9-W, Federal lease SF-080875.
San Juan 32-9 Unit 277S, SENW, Sec. 30, T-32-N, R-9-W, Federal lease SF-078509.
San Juan 32-9 Unit 283S, NENW, Sec. 33, T-32-N, R-9-W, Federal lease SF-079048.
Scott 100S, SENW, Sec. 29, T-32-N, R-10-W, Federal lease SF-078604.
Scott Com 291S, NESE, Sec. 29, T-32-N, R-10-W, Federal lease SF-078604.
Vanderslice 100S, SWNW, Sec. 18, T-32-N, R-10-W, Federal lease SF-078215A.
Waller 100S, SESE, Sec. 11, T-32-N, R-11-W, Federal lease SF-078119A.
Wilmer Canyon 101S, NENW, Sec. 25, T-32-N, R-8-W, Federal lease NM-6893.



Sincerely,

Tammy Wimsatt

Tammy Wimsatt
Regulatory Specialist

ACCEPTED FOR RECORD

FEB 23 2004

FARMINGTON FIELD OFFICE
Ju

NMOCD

OPERATIONS PLAN

Well Name: Wilmer Canyon #101S
Location: 1235' FNL, 1630' FWL Section 25, T-32-N, R-08-W
Latitude 36° 57.4770' N, Longitude 107° 37.7911' W
San Juan County, NM
Formation: Basin Fruitland Coal
Elevation: 6927' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	2579'	
Ojo Alamo	2579'	2650'	aquifer
Kirtland	2650'	3228'	
Fruitland	3228'	3504'	
Intermediate TD	3474'		
Fruitland Coal	3504'	3792'	gas
B/Basal Coal	3792'	3801'	gas
Total Depth	3797'		
Pictured Cliffs	3801'		

Logging Program: none
Mudlog: from 7" to 3000'
Coring Program: none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud Mud/Air/Air Mist	8.4-9.0	40-50	no control
120-3474'	Non-dispersed	8.4-9.0	30-60	no control
3474-3797'	Air/Mist			

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3474'	7"	20.0#	J-55
6 1/4"	3474' - 3797'	open hole		

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3474'	7"	20.0#	J-55
6 1/4"	3434' - 3797'	5 1/2"	15.5#	J-55

Tubing Program:

0' - 3797'	2 3/8"	4.7#	J-55
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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 @ 2650'. 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 -

Pre-Set Drilled Cement with 23 sx Type I, II cement with 20% flyash mixed at 14.5 ppg, 1.61 cu ft per sack yield. (37 cu ft of slurry, bring cement to surface) Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

Conventionally Drilled

Cement with 80 sx Type III cement with 0.25 pps Celloflake, 2% CaCl. (113 cu ft of slurry, 200% excess, bring cement to surface) Wait on cement for 8 hrs for conventionally set holes before pressure tessting or drilling out from under surface.

~~Waive the 6 hours WOC in lieu of 4 hours prior to NU of BOPE.~~ See BHM General

Requirements

7" intermediate casing - lead w/309 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 (783 cu.ft., 50% excess to circulate to surface).

5 1/2" liner - will not be cemented if run.

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 west half of Section 25 is dedicated to the Fruitland Coal.

Date:

12-22-2003

Drilling Engineer:

James McCarthy

BURLINGTON RESOURCES

SAN JUAN DIVISION

*Received
3-2-04*

January 14, 2004

(Certified Mail – Return Receipt Requested)

Re: Wilmer Canyon 101S
Basin Fruitland Coal
1235'FNL, 1630'FWL Section 25, T-32-N, R-8-W
San Juan County, New Mexico

To the Affected Persons:

Burlington Resources Oil & Gas Company LP is submitting the enclosed Application for Permit to Drill to the appropriate regulatory agency(s) for approval. This well is located inside the High Productivity Area of the Basin-Fruitland Coal Pool as indicated on the attached plat. Notice is being made pursuant to New Mexico Oil Conservation Commission Order R-8768-F dated July 17, 2003.

The affected parties have twenty (20) days from receipt of this notice in which to file with the District Office of the New Mexico Oil Conservation Division written objection to the proposed Application for Permit to Drill.

Sincerely,

Frances Bond

Frances Bond
Regulatory Assistant



Legend



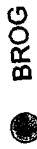
FRUITLAND COAL

Current Oper

Current Operator



Unknown

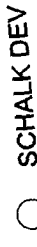


BROG

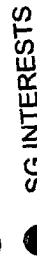
CONOCOPHILLIPS



DOMINION EXPL



SCHALK DEV



SG INTERESTS



Sections



Townships



County Lines

San Juan Federal Units Outlines



U.S. Water Bodies

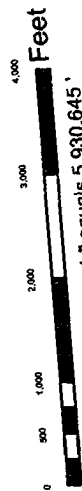
N



BURLINGTON
RESOURCES



PLAT



1:71,167,736 - 1" equals 5,930,645'

GCS North American 1927

BURLINGTON RESOURCES
San Juan

Wilmer Canyon 101S - HPA
Sec 25, T32N, R8W

Prepared By:

mlb

Date: 1/14/2004

Revised Date:

1/14/2004

File Number:

File Name: Public\Projects\1 San Juan Basin Users\1 San Juan Basin Users

13

4638901

23

4540701

80964201

1451301

32N8W

Wilmer Canyon 101S
85056201

4529101

26

1451401

84008701

SAN JUAN 32-8

83546001

84755701

84753801

25

84646101

36

3526301

UAN 32-8

2. Article Number		COMPLETE THIS SECTION ON DELIVERY	
1. Article Addressed to: CONOCO PHILLIPS COMPANY ATTN CHIEF LANDMAN SAN JUAN/ROCKIES PO BOX 2197 HOUSTON, TX 77252-2197		A. Signature X <i>[Signature]</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
		B. Received by (Printed Name)	C. Date of Delivery JAN 21 2004
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below	
		3. Service Type <input checked="" type="checkbox"/> Certified	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

Wilmer Canyon 1015

PS Form 3811

9:39 AM 1/14/2004

Code: ETC HPA INEIL Domestic Return Receipt

File:

2. Article Number		COMPLETE THIS SECTION ON DELIVERY	
1. Article Addressed to: SG INTERESTS I LTD 1331 LAMAR ST STE 501 HOUSTON, TX 77010		A. Signature X <i>[Signature]</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
		B. Received by (Printed Name)	C. Date of Delivery 1-21-04
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below	
		3. Service Type <input checked="" type="checkbox"/> Certified	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

Wilmer Canyon 1015

PS Form 3811

9:39 AM 1/14/2004

Code: ETC HPA INEIL Domestic Return Receipt

File:

2. Article Number		COMPLETE THIS SECTION ON DELIVERY	
1. Article Addressed to: SCHALK DEVELOPMENT CO PO BOX 25825 ALBUQUERQUE, NM 78125		A. Signature X <i>[Signature]</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
		B. Received by (Printed Name) Steve Schalk	C. Date of Delivery 1-15-04
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below	
		3. Service Type <input checked="" type="checkbox"/> Certified	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

Wilmer Canyon 1015

PS Form 3811

9:39 AM 1/14/2004

Code: ETC HPA INEIL Domestic Return Receipt

File: