

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF - 000133 080875 Unit Reporting Number 270 Farmington, NM
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 32-9 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 32-9 Unit 9. Well Number #250S
4. Location of Well 765' FSL, 1850' FEL Latitude 36° 55.3077'N, Longitude 107° 46.9450'W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 4, T31N, R09W API # 30-045-32088
14. Distance in Miles from Nearest Town 15.6 miles to the intersection of Hwy 550 & 173 in Aztec, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 765'	
16. Acres in Lease	17. Acres Assigned to Well 311.27 1/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 21'	
19. Proposed Depth 3424'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6584' 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	Date <u>10-23-03</u>

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY WAYNE TOWNSEND TITLE _____ DATE 3/8/04

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.

NMOCD

This action is subject to technical and
procedural review pursuant to 43 CFR 3105.3
and appeal pursuant to 43 CFR 3105.4

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

DISTRICT II
811 South First, Artesia, N.M. 88210DISTRICT III
1000 Rio Brazos Rd., Artesia, N.M. 87410DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045 32088		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7473	*Property Name SAN JUAN 32-9 UNIT		*Well Number 250S
*OGRND No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6584'

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
0	4	31-N	9-W		765'	SOUTH	1850'	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
*Dedicated Acres E 311.27 320 1/2					*Joint or Infill		*Consolidation Code		*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

18	LOT 4	LOT 7	LOT 6	LOT 5
LOT 8	LOT 9	LOT 10	LOT 11	
LOT 15	LOT 14	LOT 13	LOT 12	
LOT 16	LOT 17	LOT 18		

MAR 2004
LOT 9
OIL & GAS DIV.
N.M.

SF-080133

SF-080875

1850'

765'

N 02-02-44 E
2595.78'

LAT: 36°55.3077' N
LONG: 107°46.9450' W
NAD 1927

N 89-34-38 W
2625.10'

17 OPERATOR CERTIFICATION

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

Signature Joni Clark
Printed Name Joni Clark
Title Regulatory Specialist
Date 10/23/03

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.

Date of Survey 10/23/03
Signature GENA RUSSELL
Title REGISTERED PROFESSIONAL SURVEYOR
Certificate Number 15703

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-010468.
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
Regulatory Specialist

ACCEPTED FOR RECORD

NMOC

MAR 08 2004

FARMINGTON

FARMINGTON FIELD OFFICE

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #250S
Location: 765' FSL, 1850' FEL Section 4, T-31-N, R-09-W
Latitude 36° 55.3077'N, Longitude 107° 46.9450'W
San Juan County, NM
Formation: Basin Fruitland Coal
Elevation: 6584' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	2076'	
Ojo Alamo	2076'	2106'	aquifer
Kirtland	2106'	2896'	
Fruitland	2896'	3046'	
Intermediate TD	3146'		
Fruitland Coal	3046'	3414'	gas
B/Basal Coal	3414'	3426'	gas
Pictured Cliffs	3426'		
Total Depth	3424'		

Logging Program: none
Mudlog: from 7" to 3424'
Coring Program: none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud Mud/Air/Air Mist	8.4-9.0	40-50	no control
120-3146'	Non-dispersed	8.4-9.0	30-60	no control
3146-3424'	Air/Mist			

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3146'	7"	20.0#	J-55
6 1/4"	3146' - 3424'	open hole		

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3146'	7"	20.0#	J-55
6 1/4"	3106' - 3424'	5 1/2"	15.5#	J-55

Tubing Program:

0' - 3424' 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 @ 2106'. 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 testing or drilling out from under surface.

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

7" intermediate casing - lead w/274 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 (709 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 4 is dedicated to the Fruitland Coal.

Date: Dec 17, 2023

Drilling Engineer: Jennifer McCarthy

BURLINGTON RESOURCES

SAN JUAN DIVISION

*Released
3-11-04*

November 14, 2003

(Certified Mail – Return Receipt Requested)

ff
Re: San Juan 32-9 Unit 250S
Basin Fruitland Coal
765'FSL, 1850'FEL Section 4, T-31-N, R-9-W
San Juan County, New Mexico

To the Affected Persons:

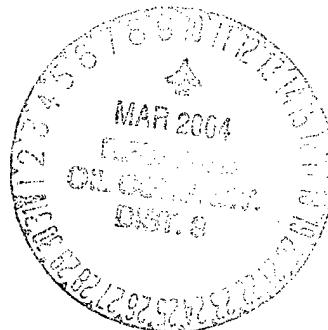
Burlington Resources Oil & Gas Company LP is submitting the enclosed Application for Permit to Drill to the appropriate regulatory agency(s) for approval. This well is located inside the High Productivity Area of the Basin-Fruitland Coal Pool as indicated on the attached plat. Notice is being made pursuant 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

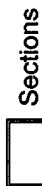
Current Operator

Current Operator

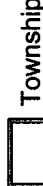
UNKNOWN

BROG

CONOCOPHILLIPS



Sections

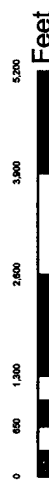


Townships

County Lines

San Juan Federal Units Outlines

BURLINGTON
RESOURCES



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

GCS North American 1927

BURLINGTON RESOURCES

San Juan

San Juan 32-9 Unit 250S (HPA)

T31N R9W

Prepared By: mlb Date: 10/27/2003

File Number: 10/27/2003

File Name: Public\Protects\1 San Juan Basin Users\1 San Juan Basin Users.mxd

34

33

32

3

4

5

San Juan 32-9 Unit 250S

496201

3895001

31N9W

1582901

533401

485601

481001 9

10

501001

540401

2. Article Number

COMPLETE THIS SECTION ON DELIVERY

1. Article Number

ATTN CHIEF LANDMAN SAN JUAN/ROCKIES
PO BOX 2197

HOUSTON, TX 77252-2197

A. Signature

X *[Signature]*

☐ Agent
☐ Addressee

B. Received by (Printed Name)

NOV 9 Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

☒ No (Yes enter full delivery address below) 000000 473

3. Service Type

☒ Certified

4. Restricted Delivery? (Extra Fee)

☐ Yes

PS Form 3811

11:22 AM 10/27/2003

Domestic Return Receipt
Code: S.J. 3239 DRI 7505

File: HPA INEIL