

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 NMBF-078507	
1b. Type of Well GAS	Unit Reporting Number NMMNM-784050	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	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 32-9 Unit	
4. Location of Well Unit J (NESE), 1790' FSL, 1425' FEL Latitude 36° 55.4876'N Longitude 107° 49.8839'W	8. Farm or Lease Name 9. Well Number #2688	
10. Field, Pool, Wildcat Basin Fruitland Coal	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T31N, R10W API # 30-045- 33357	
14. Distance in Miles from Nearest Town 16.4 miles to Aztec, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1425'	17. Acres Assigned to Well 292.43 E2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 53'- San Juan 32-9 Unit #3A	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 3410'	22. Approx. Date Work will Start	
21. Elevations (DF, FT, GR, Etc.) 6574' GL		
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Amanda Sandora</u> Regulatory Compliance Assistant II	<u>9-22-05</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Mankie

TITLE APM

DATE 10/26/05

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.

Not HPA Well

DRILLING OPERATIONS ACTION
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

NMOC

DISTRICT I
1025 N. French Dr., Hobbs, N.M. 88240

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

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-33357	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 7473	⁵ Property Name SAN JUAN 32-9 UNIT	⁶ Well Number 268S
⁷ OGHD No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6574'

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	1	31-N	10-W		1790'	SOUTH	1425'	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 292.73 E2			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

¹⁶			
LOT 8	LOT 7	LOT 6	LOT 5
USA SF-078507			
LOT 9	LOT 10	LOT 11	LOT 12
1			
LOT 16	LOT 15	LOT 14	LOT 13
LOT 17	LOT 18	LOT 19	LOT 20

LAT: 36°55.4876' N.
LONG: 107°49.8839' W
NAD 1927

1425'

1790'

S 87°32'53" W
2200.16'

N 0°15'59" E
2861.21'

¹⁷ OPERATOR CERTIFICATION

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

Amanda Sandoval
Signature
Amanda Sandoval
Printed Name
Regulatory Assistant II
Title
8-16-05
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.

Date of Survey
Signature
GLEN W. RUSSELL
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO. 30-045- **33357**

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
NMSF-078507

7. Lease Name or Unit Agreement Name
San Juan 32-9 Unit

8. Well Number
268S

9. OGRID Number
14538

10. Pool name or Wildcat
Basin Fruitland Coal

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator
3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location
Unit Letter J : 1790 feet from the South line and 1425 feet from the East line
Section 1 Township 31N Range 10W NMPM County San Juan, NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6574'

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type New Drill Depth to Groundwater > 100' Distance from nearest fresh water well > 1000' Distance from nearest surface water > 1000'
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: New Drill ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

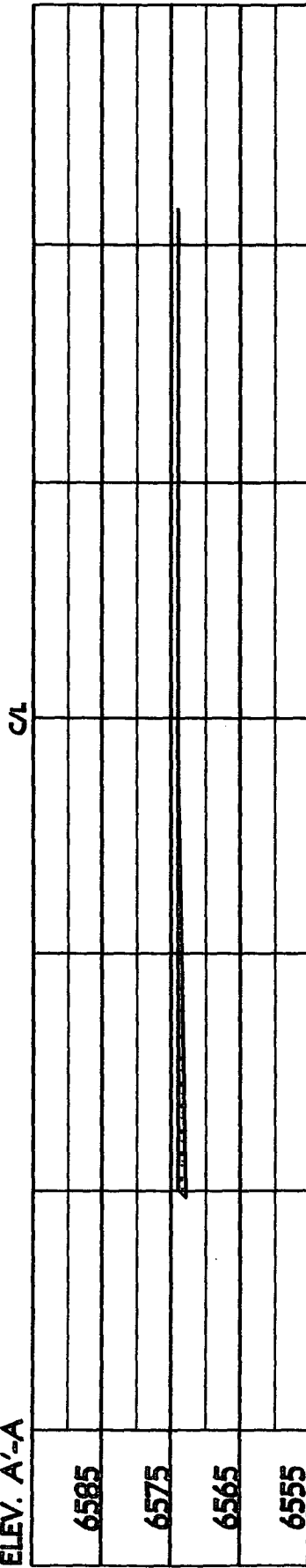
SIGNATURE Amanda Sandoval TITLE Regulatory Assistant II DATE 8/30/2005

Type or print name Amanda Sandoval E-mail address: asandoval@br-inc.com Telephone No. 326-9700
For State Use Only

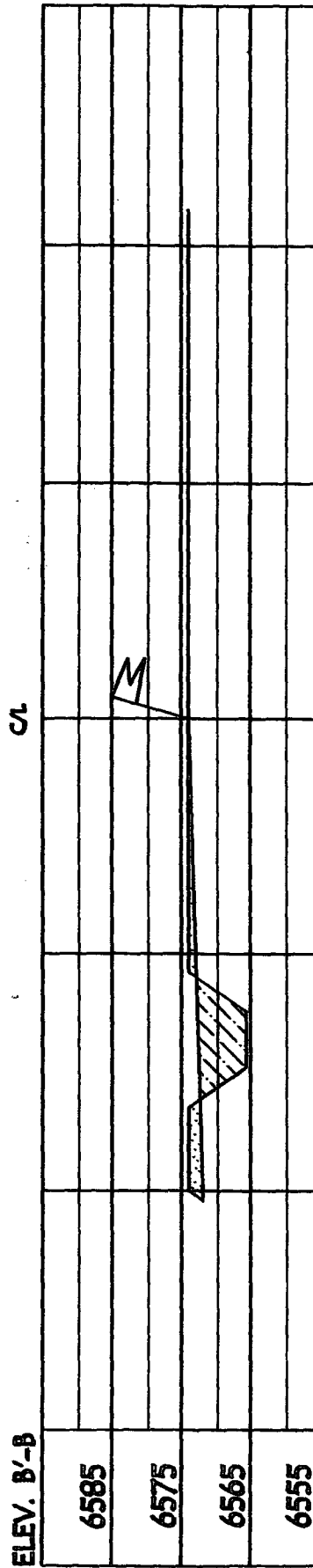
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 6 DATE OCT 28 2005
Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 32-9 UNIT 268S, 1790' FSL & 1425' FEL
SECTION 1, T-31-N, R-10-W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 6574', DATE: JULY 7, 2005

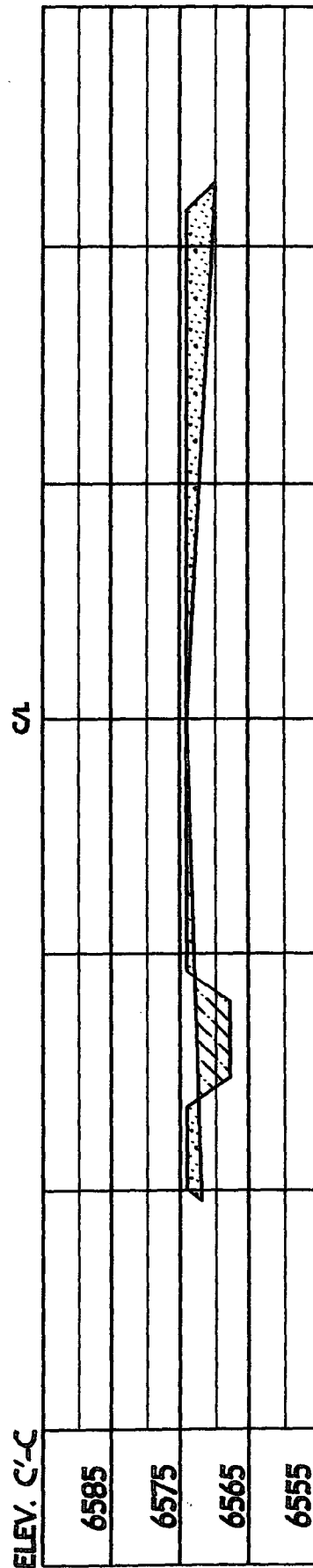
ELEV. A'-A



ELEV. B'-B



ELEV. C'-C



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
 PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #268S

Location: 1790' FSL, 1425' FEL, Sec 1, T-31-N, R-10-W
San Juan County, NM

Latitude 36° 55.4876'N, Longitude 107° 49.8839'W

Formation: Basin Fruitland Coal

Total Depth: 3410'

TD above Main PC.

~~Burlington Resources is requesting a sump on this well~~

CEH

9/26/05

Logging Program: See San Juan 32-9 Unit Wells Master Operations Plan

Mud Program: See San Juan 32-9 Unit Wells Master Operations Plan

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

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement	
12 1/4	0' - 120'	9.625"	32.3#	H-40	131	cu.ft
8 3/4	0' - 3140'	7"	20.0#	J-55	714	cu.ft
6 1/4	3140' - 3410'	5 1/2"	15.5#	J-55	uncemented	

- changes made by Jenny McCarthy 9/22/05

Tubing Program: See San Juan 32-9 Unit Wells Master Operations Plan

- * The Fruitland Coal formation will be completed.
- * The east half of Section 1 is dedicated to the Fruitland Coal formation in this well.
- * Gas is dedicated.

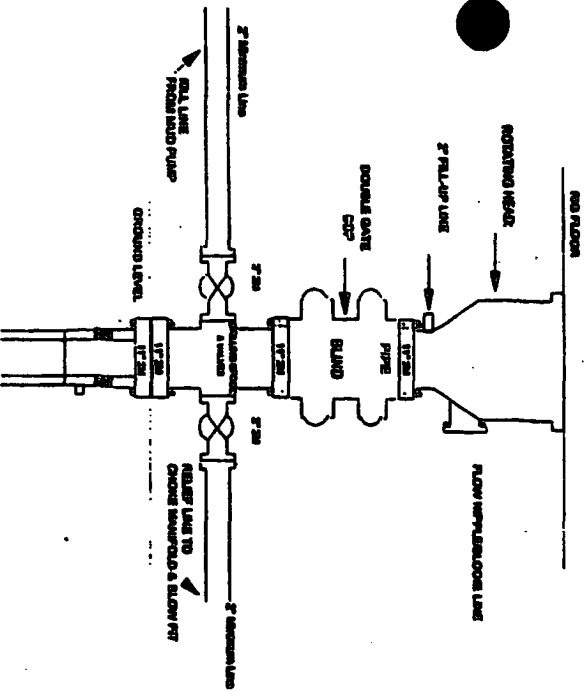
Drilling Engineer

Date

8/30/05

Burlington Resources

Drilling Rig 2000 psi System



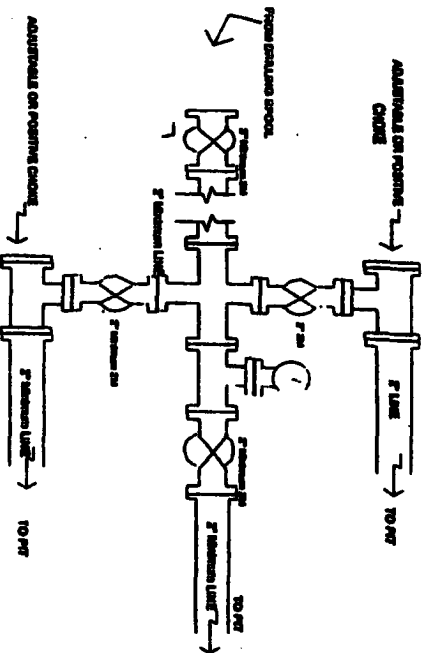
BCP Installation from Surface Casing Point to Total Depth. 1 1/2\"/>

Figure #71

4-20-01

BURLINGTON RESOURCES

Drilling Rig Choke Manifold Configuration 2000 psi System



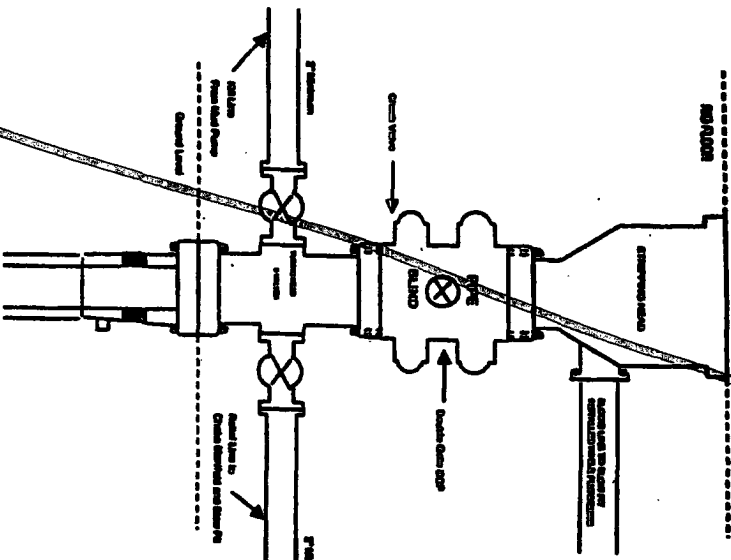
Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #73

4-20-01

BURLINGTON RESOURCES

Completion/Workover Rig BCP Configuration 2,000 psi System



Minimum BCP Installation for all Completion/Workover Operations. 7-1/16\"/>

Figure #72

4-20-01