

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2005 JAN 11 PM 2:30 RECEIVED OTO FARMINGTON NM	5. Lease Number NMNM-03385 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP		7. Unit Agreement Name San Juan 30-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name San Juan 30-6 Unit 9. Well Number 454S
4. Location of Well 1455' FSL, 1500' FEL Latitude 36° 48.5620, Longitude 107° 28.9078		10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) J Sec. 17, T-30-N, R-6-W API # 30-039-29405
14. Distance in Miles from Nearest Town 13 miles from Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1455'		
16. Acres in Lease	17. Acres Assigned to Well 320 E/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 50'		
19. Proposed Depth 3443'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6431' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Nancy Oltmanns</u> Senior Staff Specialist	<u>12-30-04</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY Wayne Townsend

TITLE Acting AFM

DATE 1-26-05

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.

✓
DRILLING AND PLUG BACK AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

NMOC

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
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-10
Revised February 21, 199

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

2005 JAN 11 PM 2:10 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-29405	*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT	*Well Number 454S
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6431'

10 Surface Location

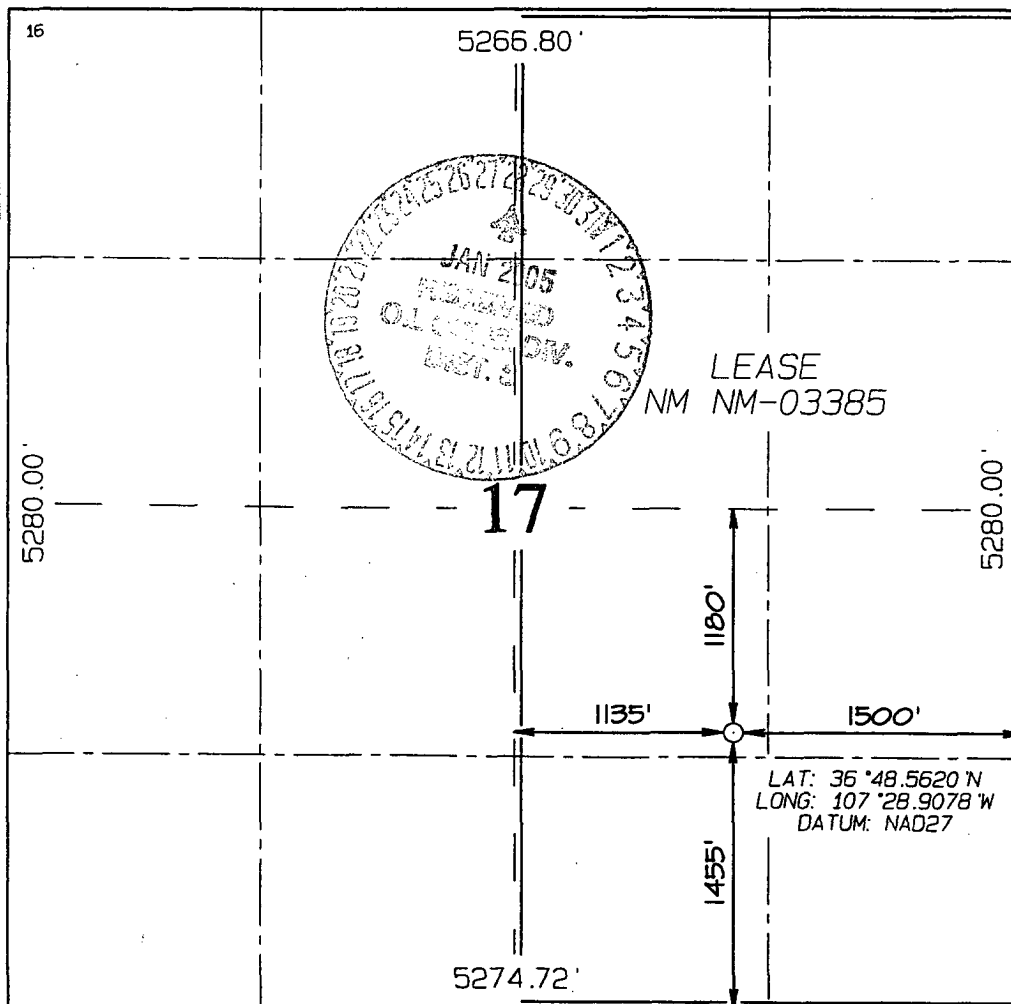
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	30N	6W		1455	SOUTH	1500	EAST	RIO ARriba

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
J									

12 Dedicated Acres 320 E/2	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

Patsy Clugston
Signature

Patsy Clugston
Printed Name

Sr. Regulatory Specialist
Title

12-10-04
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: NOVEMBER 6, 2004

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

Office

Energy, Minerals and Natural Resources

May 27, 2004

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-039-

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease NMNM-03385

7. Lease Name or Unit Agreement Name

San Juan 30-6 Unit

8. Well Number

454S

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 : 1455' feet from the South line and 1500' feet from the East lineSection 17 Township 30N Range 6W NMPM County Rio Arriba

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

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 <50'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 ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

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

OTHER:

New Drill ☒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 Nancy Oltmanns TITLE Senior Staff Regulatory Specialist DATE 1/7/2004Type or print name
For State Use Only

Nancy Oltmanns

E-mail address: noltmanns@br-inc.com Telephone No. 505-326-9891

APPROVED BY

TITLE

DATE

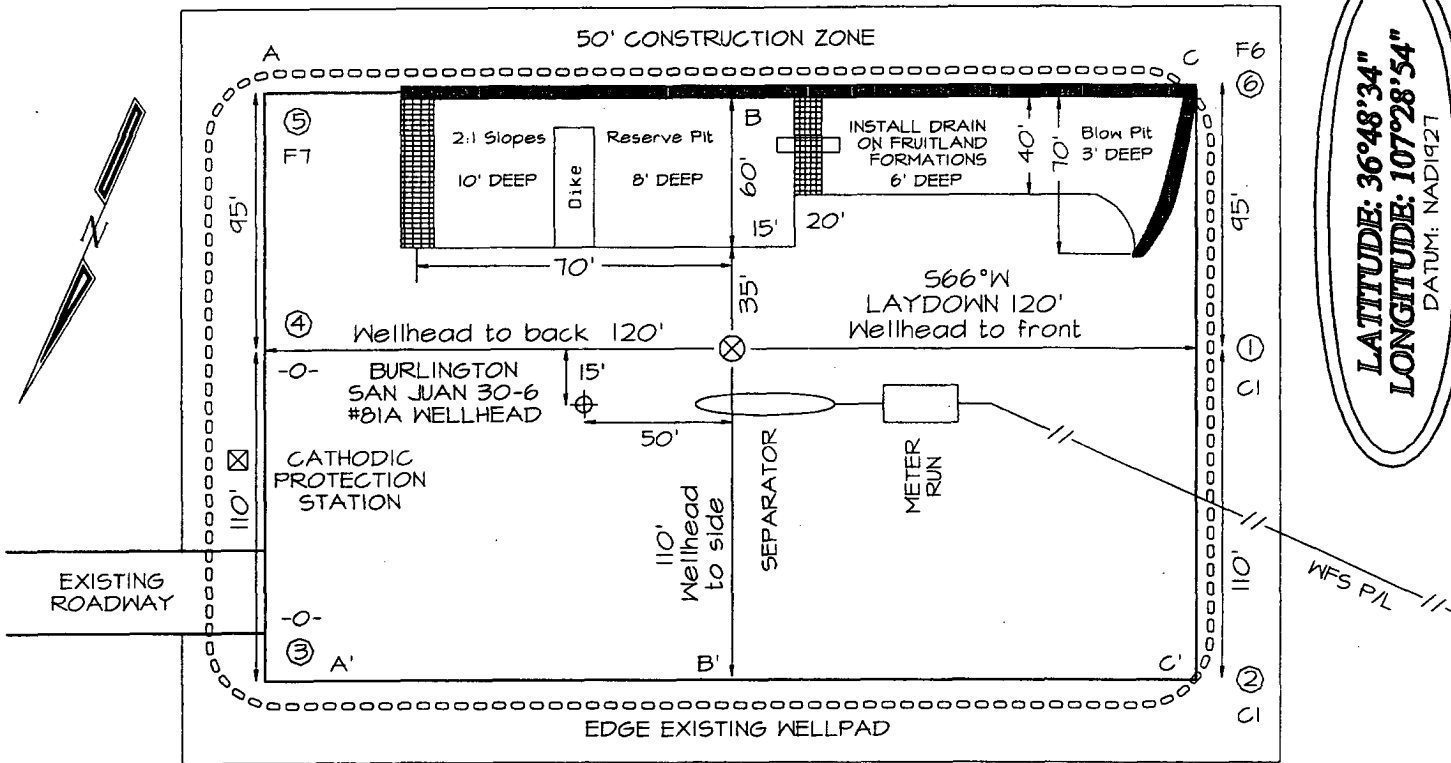
Conditions of Approval (if any):

DEPUTY OIL & GAS INSPECTOR, DIST. #8

JAN 28 2005

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 30-6 UNIT #454S
1455' FSL & 1500' FEL, SECTION 17, T30N, R6W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6431' DATE: NOVEMBER 6, 2004

205' X 240' 305' X 340' = 2.38 ACRES



LATITUDE: 36°48'34"
LONGITUDE: 107°28'54"
 DATUM: NAD1927

Reserve Pit Dike: to be 8' above Deep side (overflow - 3' wide and 1' above shallow side).
 Blow Pit: overflow pipe halfway between top and bottom and to extend over plastic liner and into blow pit.

A-A'						
6441'						
6431'						
6421'						

B-B'						
6441'						
6431'						
6421'						

C-C'						
6441'						
6431'						
6421'						

Note: 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 30-6 Unit #454S

Location: 1455'FSL, 1500'FEL, Sec. 17, T-30-N, R-6-W
Rio Arriba County, NM

Latitude 36° 48.5620'N, Longitude 107° 28.9078'W

Formation: Basin Fruitland Coal

Total Depth: 3443'

Burlington Resources is requesting a sump on this well.

Logging Program: See San Juan 30-6 Unit Wells Master Operations Plan

Mud Program: See San Juan 30-6 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	113 cu.ft
8 3/4	0' - 3124	7"	20.0#	J-55	698 cu.ft
6 1/4	3074 - 3443	5 1/2"	15.5#	J-55	uncemented

Tubing Program: See San Juan 30-6 Unit Wells Master Operations Plan

- * The Fruitland Coal formation will be completed.
- * The east half of Section 17 is dedicated to the Fruitland Coal formation in this well.
- * Gas is dedicated.


Drilling Engineer

1-5-05
Date

MULTI-POINT SURFACE USE PLAN

San Juan 30-6 Unit #454S

- * Duke Energy Field Services will be submitting right-of-way application for the pipeline including Archeology Reports and Threatened and Endangered Reports.
- * No new road will be built.
- * Water supply from the LaJara Water Hole located SW/4 Section 11, T-30-N, R-6-W, New Mexico.
- * Surface ownership: Bureau of Land Management
- * The well location is twinned on the San Juna 30-6 Unit #81A
- * Archaeological Resources: See Archaeological Survey technical report CASA 04-131 from Complete Archaeological Service Associates

Nancy Altman
Senior Staff Regulatory Specialist

1-11-05
Date