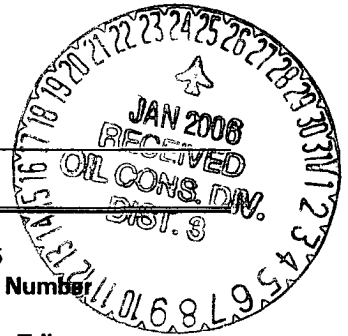


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK



1a. Type of Work DRILL	2005 DEC 21 PM 2 59 RECEIVED 070 FARMINGTON NM	5. Lease Number NMSF-078945 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538		7. Unit Agreement Name San Juan 29-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name San Juan 29-7 Unit 7465 9. Well Number #40N
4. Location of Well 410' FSL, 2385' FEL Latitude 36° 41.4472'N, Longitude 107° 34.4913'W		10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 28, T29N, R07W API # 30-039-29731
14. Distance in Miles from Nearest Town 17.2 miles to Intersection Blanco Post Office	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 410'		
16. Acres in Lease	17. Acres Assigned to Well E/2 320 MV/DK	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1630'		
19. Proposed Depth 7974'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6756' 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 Specialist	<u>12/20/05</u> Date	

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY Jim Webb

TITLE Acting AFM

DATE 1/23/06

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 technical and
approval. A review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

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

NMOC

16

28

N 89-35-26 W
2638.20' (M)

FD. 2 1/2" BC
1913 G.L.O.

410'

2385'

LAT. 36°41.4472' N. (NAD 27)
LONG. 107°34.4913 W. (NAD 27)

NMSF-078945
(DK/MV)

N 00-06-24 W
2638.14' (M)

FD. BC
1913 G.L.O.

17

NMSF-078424
(DK/MV)

FD. 2 1/2" BC
1913 G.L.O.

18

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

Sr. Regulatory Specialist
Title

10-29-05
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.

OCTOBER 7, 2005
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

8894
Certificate Number

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

May 27, 2004

WELL API NO. 30-039- 29731	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. NMSF-078945	
7. Lease Name or Unit Agreement Name San Juan 29-7 Unit	
8. Well Number 40M	
9. OGRID Number 14538	
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota	

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 O : 410 feet from the South line and 2385 feet from the East line
Section 28 Township 29N Range 7W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6756'

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: n/a 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.

New Drill, Unlined:

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 and vent/flare pit will be an unlined 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 unlined, 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 Joni Clark TITLE Regulatory Assistant II DATE 11/28/2005

Type or print name Joni Clark E-mail address: jclark@br-inc.com Telephone No. 505-326-9701

For State Use Only

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 6 DATE JAN 25 2006

Conditions of Approval (if any):

CONSTRUCTION ZONE

⑤ A
F 1.1
80'
10' DEEP
DIKE
2.1 Slopes Reserve Pit 8' DEEP
45'
C 4.9
6' DEEP
INSTALL DRAIN PIPE ON FRUITLAND FORMATIONS ONLY
BLOW PIT
40'
70'
C 13.2
80'
⑥

④
F 5.8 REAR
70'
Wellhead to Back
140'
C 0.0
15'
LAYDOWN S 85°03' E (T)
Wellhead to Front
160'
C 0.2
130'
Wellhead to side
130'
NEW ACCESS 792' ± (0% TO 6%)
A' F 8.6
③
210' X 300'
VOLUMES EXCLUDING PIT CUT:
TOTAL CUT: 2356 CU. YDS.
TOTAL FILL: 7621 CU. YDS.
B' F 8.1
①
C 0.2
130'
②
C' F 9.6
(310' X 400') = 2.85 ACRES

NOTE: - ESTIMATED VOLUMES CALCULATED BY AVERAGE END AREA
AT CROSS-SECTION SHOWN


NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

ELEV.	A-A'	C/L	EXCAVATION OR CONSTRUCTION
6770			
6760			
6750			
6740			

ELEV. B-B'	C/L
6770	
6760	
6750	
6740	

ELEV.	C-C'	C/L
6770		
6760		
6750		
6740		

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.

REVISION:	RESTAKE LOCATION	DATE:	10/17/05	REVISED BY:	B. LEIDY
		Daggett Enterprises, Inc. Surveying and Oil Field Services P. O. Box 13088 • Farmington, NM 87401 Phone (505) 328-1772 • Fax (505) 328-6019 NEW MEXICO U.S. No. 8894			
		DRAWN BY: G.V. DATE: 8/26/05 COURTE: BR576-CFB			

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #40M

Location: 410' FSL, 2385' FEL, Sec 28, T29N, R7W
Rio Arriba County, NM

Latitude 36° 41.4472'N, Longitude 107° 34.4913'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7974'

Logging Program: See San Juan 29-7 Unit Master Operations Plan

Mud Program: See San Juan 29-7 Unit 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' - 3738	7"	20.0#	J-55	837	cu.ft
6 1/4	0' - 7974	4.5"	10.5/11.6#	J-55	577	cu.ft

Tubing Program: See San Juan 29-7 Unit Master Operations Plan

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The east half of Section 28 is dedicated to the Mesaverde and the Dakota formation in this well.
- * Gas is dedicated.

Drilling Engineer

Date

11/30/05

*Assumption

Lewis 100