

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 USA SF-078414-A 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 OIL CONS. DIV. DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name LIVELY 9. Well Number #10N	
4. Location of Well Surf: Unit L(NWSW), 2335' FSL & 740' FWL Surf: Latitude 36° 43.46424 N Longitude 107° 42.23501 W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 17, T29N, R8W API # 30-045-34446	
14. Distance in Miles from Nearest Town 10 mile/BLANCO	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 740'	17. Acres Assigned to Well MV/DK 320 (W/2)	
16. Acres in Lease 741.88	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 780' FROM DAY B D 1	22. Approx. Date Work will Start	
19. Proposed Depth 7574'	23. Proposed Casing and Cementing Program See Operations Plan attached	
21. Elevations (DF, FT, GR, Etc.) 6402' GL	24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

9-27-07
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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 procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

Example Master Plan Type 3
BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

Bond Numbers NMB-000015 and NMB-000089

NMOCD

8/10/26

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

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

OIL CONSERVATION DIVISION

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

Bureau of Land Management

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34446	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 18182	⁵ Property Name LIVELY	⁶ Well Number 10 N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6402'

¹⁰ Surface Location

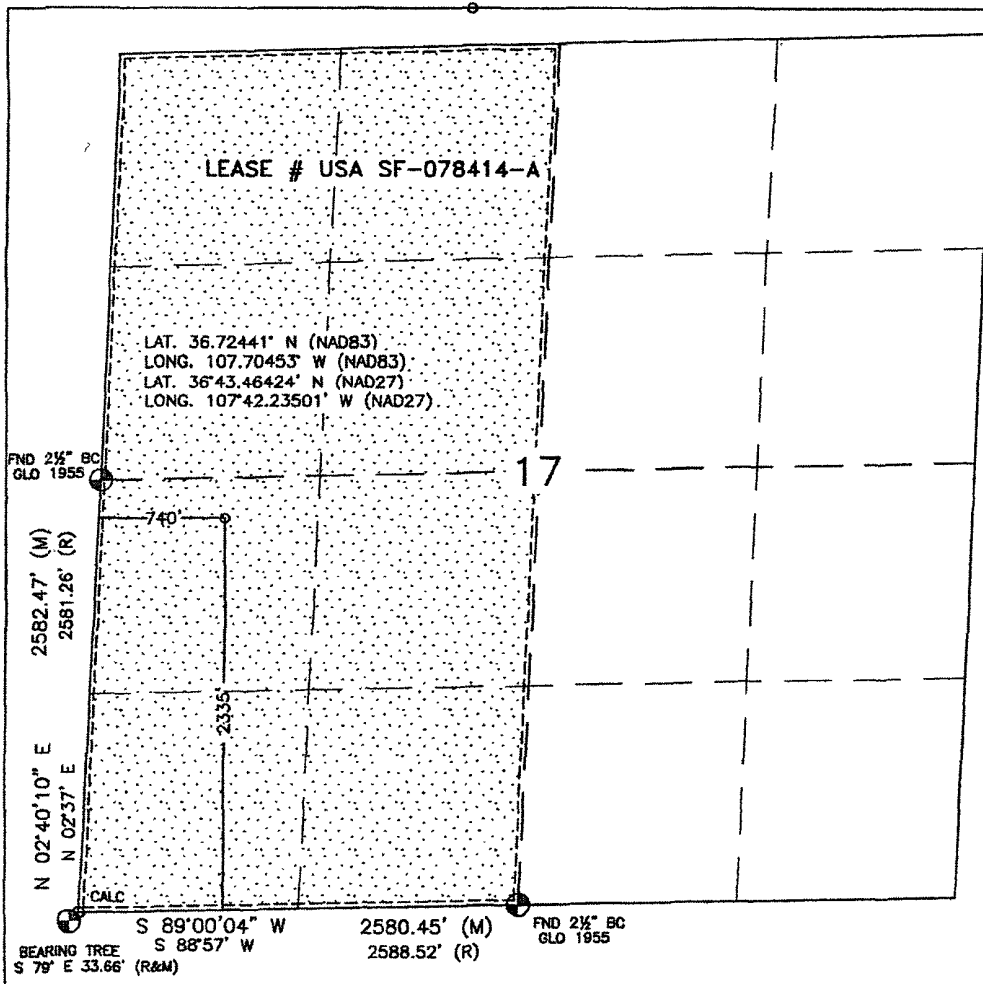
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	17	29N	8W		2335'	SOUTH	740'	WEST	SAN JUAN

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
L									
¹² Dedicated Acres 320.00 Acres - (W/2)			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

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¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner or a compulsory pooling order heretofore entered by this division.

Patsy Clugston 8/28/07
Signature Date

Patsy Clugston

Printed Name

¹⁸ SURVEYOR CERTIFICATION

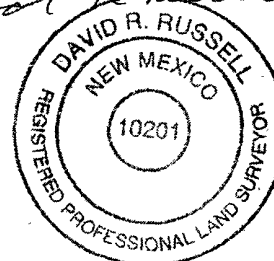
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 16, 2007

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

District I

1625 N. French Dr. Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

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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.	30-045- 34446
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	Federal Lease #USA SF-078414-A
7. Lease Name or Unit Agreement Name	LIVELY
8. Well Number	#10N
9. OGRID Number	14538
10. Pool name or Wildcat	Blanco MV/Basin DK

SUNDARY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO GO 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 L.P.

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

4. Well Location
Unit Letter L Section 17 Township 29N Range 8W NMPM
feet from the 2335' South line and 740' West line
County San Juan

11. Elevation (Show whether GR, RKB, RL, or etc.)
6402'

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 <200

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. ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☒ OTHER: ☐

13. Describe proposed or completed operations. (Clearly state in 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, Liner

Burlington Resources proposes to construct a new drilling pit, a vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 17, 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 ☐ or an (attached) permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Rhonda Rogers TITLE Regulatory Technician DATE 9-27-07

Type or print name Rhonda Rogers E-mail address rogers@conocophillips.com Telephone No. 505-599-4018

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE OCT 26 2007

Conditions of Approval (if any)

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

LIVELY 10N

DEVELOPMENT

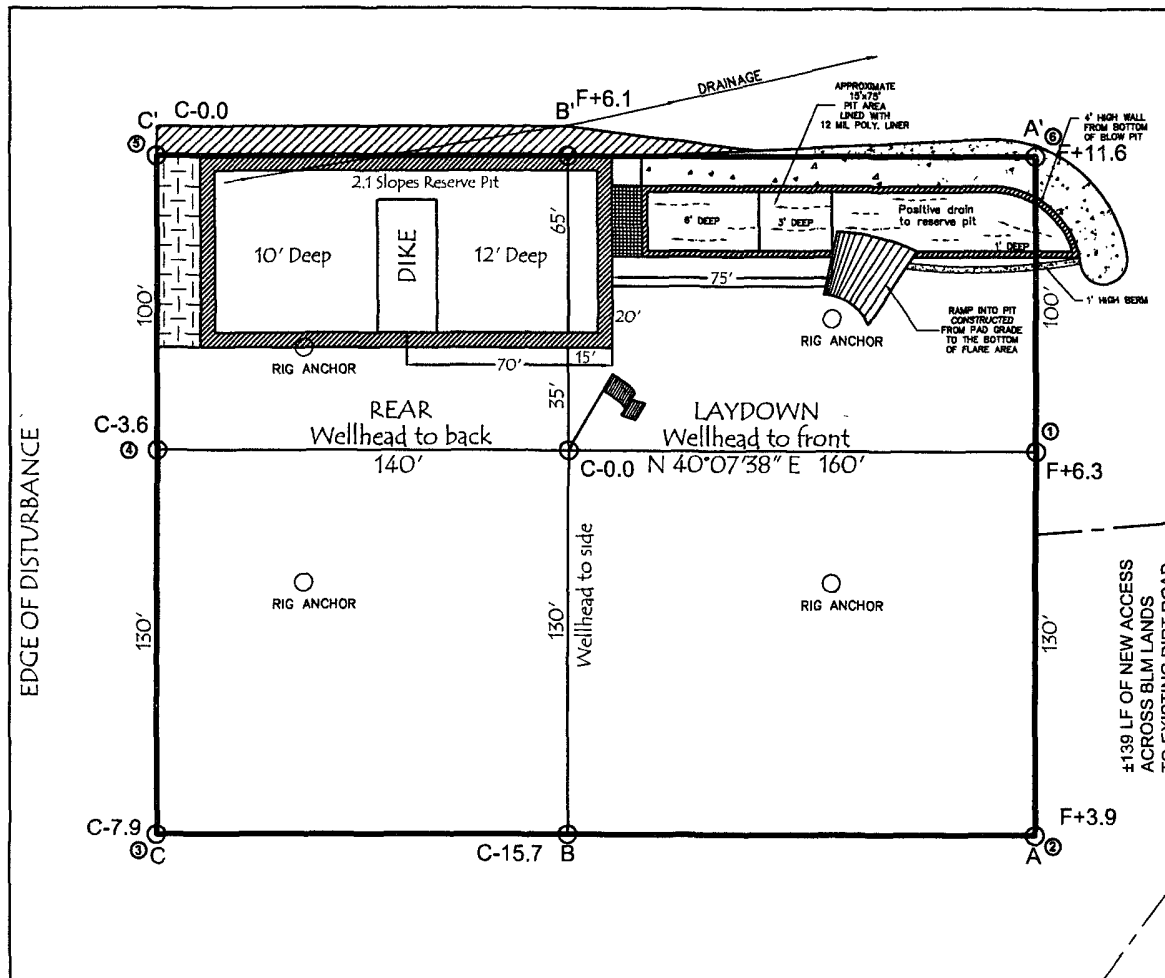
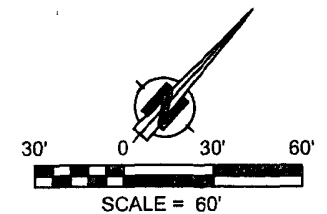
Lease:		AFE #: WAN.CDR 7298		AFE \$:	
Field Name: hBR SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer: Phone:	
Res. Engineer: McKee, Cory J		Phone: 505-326 9826		Proj. Field Lead: Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.724404	Longitude: -107.703917	X:	Y:	Section: 17	Range: 008W
Footage X: 740 FWL	Footage Y: 2335 FSL	Elevation: 6432 (FT)	Township: 029N		
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date: Date In Operation:	
Formation Data: Assume KB = 6418 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6218	<input type="checkbox"/>		
OJAM	1966	4452	<input type="checkbox"/>		
KRLD	2117	4301	<input type="checkbox"/>		
FRLD	2540	3878	<input type="checkbox"/>		Possible Gas
PCCF	3025	3393	<input type="checkbox"/>		
LEWS	3166	3252	<input type="checkbox"/>		
Intermediate Casing	3266	3152	<input type="checkbox"/>		
CHRA	4010	2408	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4630	1788	<input type="checkbox"/>	239	Gas
MENF	4770	1648	<input type="checkbox"/>		
PTLK	5214	1204	<input type="checkbox"/>		
MNCS	5696	722	<input type="checkbox"/>		
GLLP	6475	-57	<input type="checkbox"/>		
GRHN	7226	-808	<input type="checkbox"/>		
GRRS	7282	-864	<input type="checkbox"/>		
TWLS	7322	-904	<input type="checkbox"/>	900	Gas
PAGU	7432	-1014	<input type="checkbox"/>		
CBRO	7457	-1039	<input type="checkbox"/>		
CBRL	7488	-1071	<input type="checkbox"/>		
ENCINAL	7544	-1126	<input type="checkbox"/>		TD 30' below T/ENCN
TOTAL DEPTH DK	7574	-1156	<input type="checkbox"/>		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.					
8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 736 cuft. Circulate cement to surface.					
6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 586 cuft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name		Comments		
Production	Lively 10E		SW 17-29N-8W		

LATITUDE: 36.72441°N
 LONGITUDE: 107.70453°W
 DATUM: NAD 83

BURLINGTON RESOURCES O&G CO LP

LIVELY #10 N
 2335' FSL & 740' FWL
 LOCATED IN THE NW/4 SW/4 OF SECTION 17,
 T29N, R8W, N.M.P.M.,
 SAN JUAN COUNTY, NEW MEXICO
 GROUND ELEVATION: 6402', NAVD 88
 FINISHED PAD ELEVATION: 6401.5', NAVD 88

SLOPES TO BE CONSTRUCTED TO
 MATCH THE ORIGINAL CONTOURS
 AS CLOSE AS POSSIBLE.



330' x 400' = 3.03 ACRES OF DISTURBANCE
 SCALE: 1" = 60'
 JOB No.: COPC095
 DATE: 08/20/07

NOTE:
 RESERVE PIT DIKE: TO BE 6' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 RUSSELL SURVEYING, INC. 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, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR
 TO CONSTRUCTION.



Russell Surveying
 1409 W. Aztec Blvd. #2
 Aztec, New Mexico 87410
 (505) 334-8637

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