

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

RECEIVED

5. Lease Number
USA SF-081155

Unit Reporting Number

NMNM-78372A-MV

6. If Indian, All. or Tribe

1b. Type of Well
GAS

APR 03 2008

2. Operator
BURLINGTON
RESOURCES Oil & Gas Company, LP

Bureau of Land Management
Farmington Field Office

7. Unit Agreement Name

Allison Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name

9. Well Number
#52C

4. Location of Well
Unit ☒ (SENW), 2265' FNL & 1465' FWL
E 2650' 1220'

10. Field, Pool, Wildcat
Blanco MV/Basin DK

11. Sec., Twn, Rge, Mer. (NMPM)

☒ Sec. 28, T32N, R6W

API # 30-045-34683

Latitude 36.951994 N
Longitude 107.468305 W

14. Distance in Miles from Nearest Town
21 mile/Ignacio

12. County
San Juan

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1465'

16. Acres in Lease
1872.990

17. Acres Assigned to Well
MV/DK 320 (W/2)

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
828' from Allison Unit 118S

19. Proposed Depth
8374'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
~~6698~~ GL
6708

22. Approx. Date Work will Start
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

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Sasha Spangler
Sasha Spangler (Regulatory Technician)

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.

Example Master Plan Type 3

Bond Numbers NMB-000015 and NMB-000089

DEC 18 2009

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

NMOCD 16

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
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West 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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-341083		² Pool Code 71599 / 72319		³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
⁴ Property Code 6784		⁵ Property Name ALLISON UNIT			⁶ Well Number 52C
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			⁹ Elevation 6706'

¹⁰ Surface Location

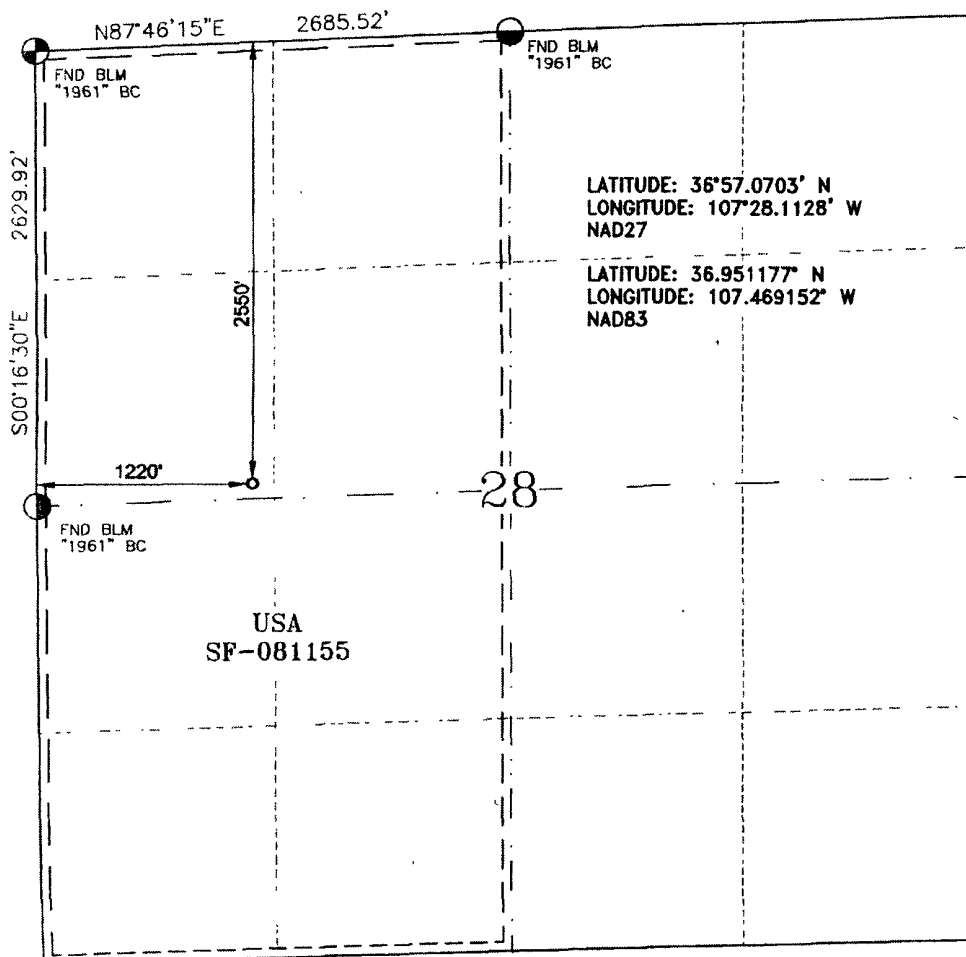
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	28	32-N	6-W		2550	NORTH	1220	WEST	SAN JUAN

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
E									
¹² Dedicated Acres DK 320.00 ACRES W/2 MV 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

16



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 of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 12/2/09
Signature
Crystal Tafoya 12/2/09
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.

4-22-09
Date of Survey
Signature and Seal of Professional Surveyor:
GLENN W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

DEC 02 2009

Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

- | | |
|---|--|
| 1. Type of Well
GAS | 5. Lease Number
SF-081155 |
| 2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP | 6. If Indian, All. or
Tribe Name |
| 3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700 | 7. Unit Agreement Name
Allison Unit |
| 4. Location of Well, Footage, Sec., T, R, M

Surface: Unit E (SWNW), 2550' FNL & 1220' FWL, Section 28, T32N, R6W, NMPM | 8. Well Name & Number
52C |
| | 9. API Well No.
30-045- 34683 |
| | 10. Field and Pool
Blanco MV / Basin DK |
| | 11. County and State
San Juan, NM |

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Other -	<input type="checkbox"/> Move Surface
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction		
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing		
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off		
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection		

13. Describe Proposed or Completed Operations

Burlington Resources wishes to move the subject well from the submitted APD footages of Unit F (SENW), 2265' FNL & 1465' FWL, Sec. 28, T32N, R6W to the new location of Unit E (SWNW), 2550' FNL & 1220' FWL, Sec. 28, T32N, R6W. The new plat, pad diagram, cut & fill, project proposal, pipeline plat and Surface Use Plan are attached.

RCVD DEC 9 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Crystal Tafoya Crystal Tafoya Title Regulatory Technician Date 12/2/09

(This space for Federal or State Office use)

APPROVED BY [Signature] Title AFM Date 12/7/09
CONDITION OF APPROVAL, if any:

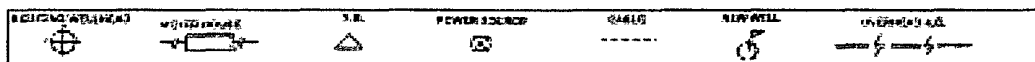
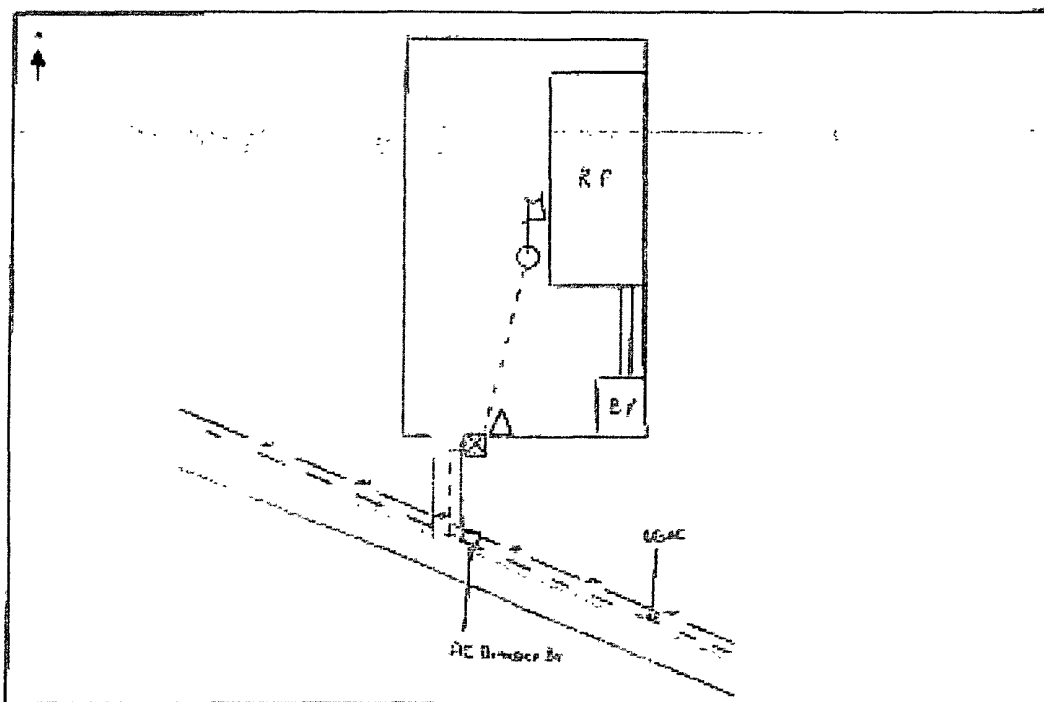
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD



WELL NAME Alison Unit #530 LEGALS F-28-32-6 COUNTY Soc. Tucson

PURPOSED C.P. SYSTEM: Drill 68' and set wellhead at 5' into oil formation. Then run 4 1/2" ID 40' from 18" to 20" section. Then remove and drill 4 1/2" ID from 20" to 24" section.

**COMMENTS:**

NEAREST POWER SOURCE: WPA DISTANCE: 400'
PIPELINES IN AREA: ONE - 24"

TECHNICIAN: Robert Johnson DATE: March 7

6 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6953

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ALLISON UNIT 52C

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7099		AFE \$: 1,455,226.51							
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN						
Geologist:		Phone:		Geophysicist:							
Geoscientist:		Phone:		Prod. Engineer:							
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:							
Primary Objective (Zones): <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Zone</th> <th>Zone Name</th> </tr> <tr> <td>RON</td> <td>BLANCO MESAVERDE (PRORATED GAS)</td> </tr> <tr> <td>FRR</td> <td>BASIN DAKOTA (PRORATED GAS)</td> </tr> </table>						Zone	Zone Name	RON	BLANCO MESAVERDE (PRORATED GAS)	FRR	BASIN DAKOTA (PRORATED GAS)
Zone	Zone Name										
RON	BLANCO MESAVERDE (PRORATED GAS)										
FRR	BASIN DAKOTA (PRORATED GAS)										
Location: Surface Datum Code: NAD 27 Straight Hole											
Latitude: 36.951172		Longitude: -107.468547		X:	Y:						
Footage X: 1220 FWL		Footage Y: 2550 FNL		Elevation: 6706 (FT)	Section: 28						
Tolerance:		Range: 006W									
Location Type: Restricted		Start Date (Est.): 1/1/2010		Completion Date:							
Formation Data: Assume KB = 6720		Units = FT									
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT						
Surface Casing	200	6520	<input type="checkbox"/>								
OJO ALAMO	2590	4130	<input type="checkbox"/>								
KIRTLAND	2714	4006	<input type="checkbox"/>								
FRUITLAND COAL	3116	3604	<input type="checkbox"/>								
PICTURED CLIFFS MAIN	3636	3084	<input type="checkbox"/>								
LEWIS	3789	2931	<input type="checkbox"/>								
Intermediate Casing	3889	2831	<input type="checkbox"/>								
HUERFANITO BENTONITE	4476	2244	<input type="checkbox"/>								
CHACRA	4920	1800	<input type="checkbox"/>								
MASSIVE CLIFF HOUSE	5666	1054	<input type="checkbox"/>	766							
MENEFEE	5710	1010	<input type="checkbox"/>								
MASSIVE POINT LOOKOUT	5940	780	<input type="checkbox"/>								
MANCOS	6390	330	<input type="checkbox"/>								
UPPER GALLUP	7286	-566	<input type="checkbox"/>								
GREENHORN	8025	-1305	<input type="checkbox"/>								
GRANEROS	8068	-1348	<input type="checkbox"/>								
PAGUATE	8182	-1462	<input type="checkbox"/>	3524							
UPPER CUBERO	8191	-1471	<input type="checkbox"/>								
LOWER CUBERO	8237	-1517	<input type="checkbox"/>								
Total Depth	8300	-1580	<input type="checkbox"/>								
ENCINAL	8300	-1580	<input type="checkbox"/>								
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface. 8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 876 cuft. Circulate cement to surface. Est. Top Perf - 4922 (1798) Gas Est. Btm Perf - 8285 (-1565) based on offset wells 6-1/4" hole, 4-1/2" 11.6 ppf L-80 LTC casing. Cement with 600 cuft. Circulate cement a minimum 100' inside the previous casing string.											
Reference Wells:											
Reference Type	Well Name	Comments									

PROJECT PROPOSAL - New Drill / Sidetrack

ALLISON UNIT 52C

DEVELOPMENT

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
Est bottom perf ~15' above est TD.	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Directions from the Intersection of Hwy. 172 & Hwy 151
in Ignacio, CO

To:

Burlington Resources Oil & Gas Company LP
ALLISON UNIT 52C
2550' FNL & 1220' FWL,
Section 28, T32N, R6W, N.M.P.M., San Juan County,
New Mexico
Latitude: 36°57'04.237" N
Longitude: 107°28'08.948"W
Nad 83

Go East on Hwy 151 for 11.9 miles to CR 330,
turn right (southerly) for 1.9 miles,
turn right (westerly) 0.6 miles,
stay left (south/southwesterly) for 3.2 miles,
to Ulibarri Canyon turn left (southeasterly) 1.7 miles,
turn left (easterly) for 0.1 miles,
turn right (south-southeasterly) 1.1 miles,
stay left (north-northeasterly) 1.0 miles,
to the top of the Mesa,
continue (northerly) 0.4 miles,
to beginning of new access on the right (north) side of road,
and continues 289.52' to the newly staked location.