

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

AUG 27 2010

1a. Type of Work DRILL	5. Lease Number Farmington Field Office SF-078571 Bureau of Land Management Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name RCVD SEP 20'10 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 Day B 9. Well Number 100S
4. Location of Well Surface: Unit C(NENW), 754' FNL & 1398' FWL  Surface: Latitude: 36.59497° N (NAD83) Longitude: 107.72581° W	10. Field, Pool, Wildcat Basin FC / S. Blanco PC  11. Sec., Twn, Rge, Mer. (NMPM) Unit C, Sec. 7, T27N, R8W  API # 30-045-35198
14. Distance in Miles from Nearest Town 18 miles from Blanco, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 754'	
16. Acres in Lease 640.440	17. Acres Assigned to Well FC-320.44 W/2 - PC-159.81 NW/4
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 75' from Day B 4P (MV/DK)	
19. Proposed Depth of Well 3090'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6756' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Dollie L. Busse</u> Dollie L. Busse (Staff Regulatory Tech)	<u>8-26-10</u> 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 2

Bond Numbers NMB-000015 and NMB-000089

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

SEP 29 2010

NOTIFY AZTEC UCD 24 HRS.  
PRIOR TO CASING & CEMENT  
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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

RECEIVED

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

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
Farmington Field Office  
Bureau of Land Management  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35198		*Pool Code 72439/71629	*Pool Name BLANCO PICTURED CLIFFS/BASIN FRUITLAND COAL
*Property Code 6948	*Property Name DAY B		*Well Number 100 S
*UGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6756'

<sup>10</sup> Surface Location

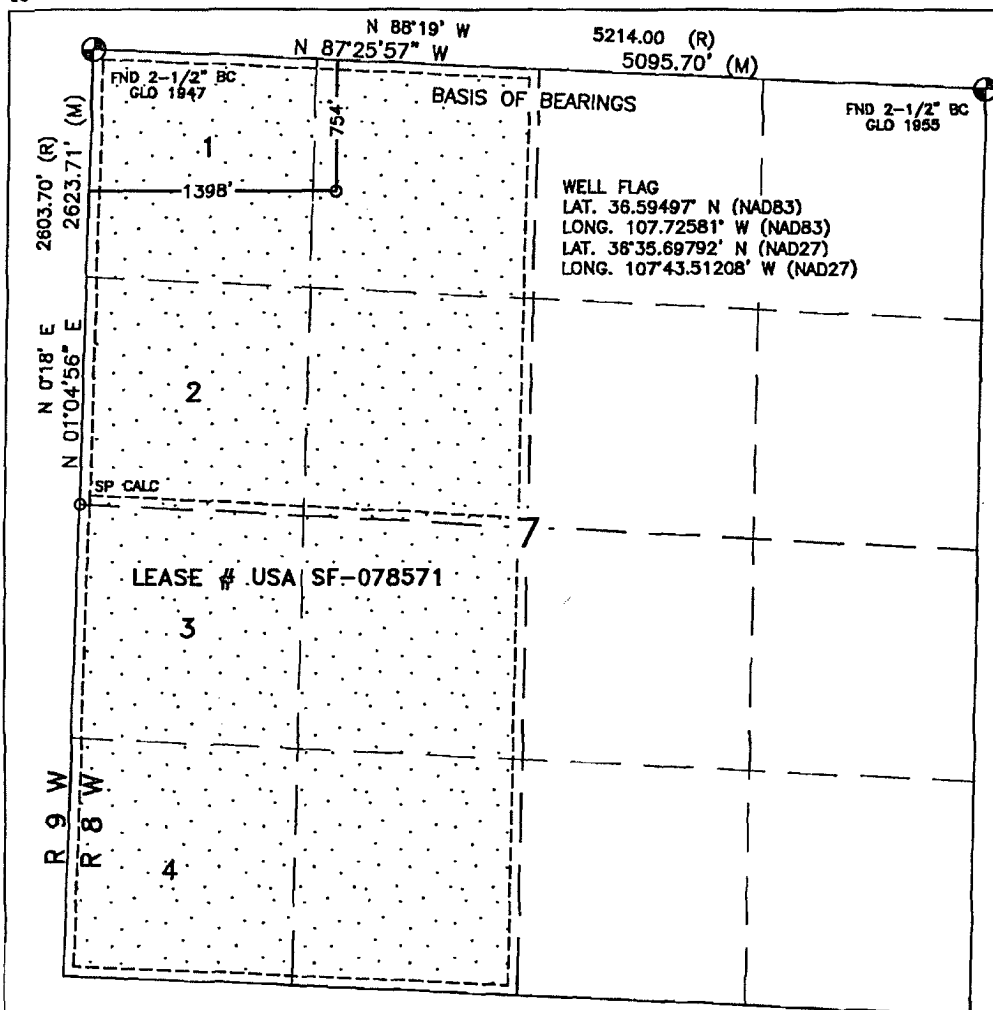
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	27N	8W		754'	NORTH	1398'	WEST	SAN JUAN

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres PC 159.81 ACRES - NW/4 FC 320.44 ACRES - W/2			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

18



<sup>17</sup> 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 the division.

Signature: *Dollie L. Busse* Date: 9/26/10

Printed Name: Dollie L. Busse

<sup>18</sup> SURVEYOR CERTIFICATION

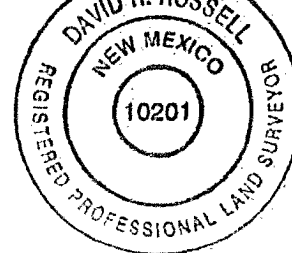
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 16, 2010

Date of Survey

Signature and Seal of Professional Surveyor:

*David H. Russell*



DAVID RUSSELL

Certificate Number

10201

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DAY B 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9366		AFE \$: 0.00	
Field Name: SAN JUAN		Rig: XXX 2012 Holding		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer:		Phone:	Proj. Field Lead:		Phone:
<b>Primary Objective (Zones):</b>					
Zone	Zone Name				
JCV	BASIN FRUITLAND COAL (GAS)				
UPL	BLANCO PICTURED CLIFFS				

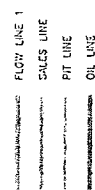
<b>Location:</b> Surface		Datum Code: NAD 27		<b>Straight Hole</b>	
Latitude: 36.594962	Longitude: -107.725197	X:	Y:	Section: 07	Range: 008W
Footage X: 1398 FWL		Footage Y: 754 FNL		Elevation: 6756 (FT)	Township: 027N
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:	Date In Operation:
Formation Data: Assume KB = 6771 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)
Surface Casing	120	6651		<input type="checkbox"/>	8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1933	4838		<input type="checkbox"/>	
KIRTLAND	2044	4727		<input type="checkbox"/>	
FRUITLAND	2469	4302		<input type="checkbox"/>	Gas
PICTURED CLIFFS	2890	3881		<input type="checkbox"/>	280 Gas; TD - 200' below T/PCCF
Total Depth	3090	3681		<input type="checkbox"/>	6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 414 cuft. Circulate cement to surface.

<b>Reference Wells:</b>		
Reference Type	Well Name	Comments
Production	Day B 3	27N 8W 7 SW NE NE
Production	Day B 4P	27N 8W 7 W2 NE NW
Production	Day B 3M	27N 8W 7 NW SE NW

<b>Logging Program:</b>	
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
Cased Hole GR / CBL	

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



001-0-6 JO INT V 03 APR 76 04 51 JAGG CANNONBUSHIN TV  
SINISD STARD 603 9 4 1 13MS 238

SHEET 1 OF 5

[illegible]

**WELL FLAG****BURLINGTON RESOURCES OIL & GAS COMPANY LP**

LATITUDE: 36.59497° N  
LONGITUDE: 107.72581° W  
DATUM: NAD83

DAY B #100S  
754' FNL & 1398' FWL  
LOCATED IN THE NE/4 NW/4 OF SECTION 7,  
T27N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

**DIRECTIONS**

- 1) FROM POST OFFICE IN BLANCO, TRAVEL EASTERLY ON HWY 64 FOR 1.3 MILES TO C.R. 4450 (LARGO CANYON).
- 2) TURN RIGHT ONTO C.R. 4450 AND TRAVEL 5.0 MILES TO AN INTERSECTION.
- 3) STAY RIGHT AND CROSS BRIDGE.
- 4) TURN LEFT AND CONTINUE ON C.R. 4450 FOR 7.0 MILES TO THE HOLLIS PASS TURN-OFF.
- 5) TURN RIGHT AND TRAVEL 3.0 MILES TO THE TOP OF THE MESA.
- 6) CONTINUE TOWARD THE LEFT AND TRAVEL 1.1 MILES.
- 7) TURN RIGHT AND GO 500' TO EXISTING LOCATION WHERE PAD IS STAKED.

WELL FLAG LOCATED AT LAT. 36.59497° N, LONG. 107.72581° W (NAD 83).

