


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUL 16 2009

1a. Type of Work DRILL	5. Lease Number SF-079382 Bureau of Land Management Farmington Field Office 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 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  9. Well Number 147 RCVD AUG 7 '09 OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit C(NENW), 710' FNL & 1485' FWL  Surf: Latitude: 36.78890° N (NAD83) Longitude: 107.52624° W	10. Field, Pool, Wildcat Basin Dakota  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 25, T30N, R7W  API # 30-039-30794
14. Distance in Miles from Nearest Town 12 miles Navajo City	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'	
16. Acres in Lease 2080	17. Acres Assigned to Well DK 320 (W/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 60' from San Juan 30-6 Unit 79A	
19. Proposed Depth 7619'	 H2S POTENTIAL EXIST 20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6191' GL	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 7/15/09
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Tracey N. Monroe Tracey N. Monroe (Staff 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

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

NMOC

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

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

AUG 07 2009

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 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  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

JUL 16 2009 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION STATE

Bureau of Land Management

Division of Oil and Gas

*API Number 30-039-30794	*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT	*Well Number 147
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6191'

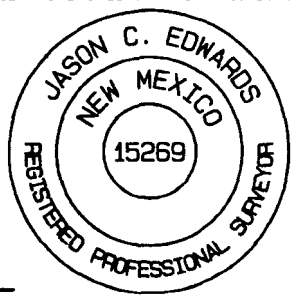
10 Surface Location

UL or lot no. C	Section 25	Township 30N	Range 7W	Lot Idn	Feet from the 710	North/South line NORTH	Feet from the 1485	East/West line WEST	County RIO ARriba
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11 Bottom Hole Location If Different From Surface

UL or lot no. C	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320.0 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	5283.96'	17 OPERATOR CERTIFICATION
1485'	1150'	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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
LAT: 36°47.3335'N LONG: 107°31.5382'W DATUM: NAD1927	710'	<i>Crystal Tafoya</i> 2/6/09 Signature Date
LAT: 36.78890°N LONG: 107.52624°W DATUM: NAD1983	1430'	Crystal Tafoya 2-6-09 Printed Name
5280.00'	25	18 SURVEYOR CERTIFICATION
LEASE USA SF-079382	5270.76'	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: JANUARY 13, 2009 Signature and Seal of Professional Surveyor
		 JASON C. EDWARDS Certificate Number 15269

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 147

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8483		AFE \$: 1,232,217.88	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
<b>Primary Objective (Zones):</b>					
<b>Zone</b>	<b>Zone Name</b>				
FRR	BASIN DAKOTA (PRORATED GAS)				
<b>Location:</b> Surface <b>Datum Code:</b> NAD 27 <b>Stratigraphic Interval:</b>					
Latitude: 36.788894	Longitude: -107.525634	X:	Y:	Section: 25	Range: 007W
Footage X: 1485 FWL	Footage Y: 710 FNL	Elevation: 6191	(FT)	Township: 030N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6207      Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6007	<input type="checkbox"/>		
OJO ALAMO	2126	4081	<input type="checkbox"/>		
KIRTLAND	2251	3956	<input type="checkbox"/>		
FRUITLAND	2673	3534	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3125	3082	<input type="checkbox"/>		
LEWIS	3264	2943	<input type="checkbox"/>		
Intermediate Casing	3364	2843	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 799 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3815	2392	<input type="checkbox"/>		
CHACRA	4151	2056	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4972	1235	<input type="checkbox"/>	350	Gas
MENEFEE	5023	1184	<input type="checkbox"/>		
POINT LOOKOUT	5337	870	<input type="checkbox"/>		
MANCOS	5680	527	<input type="checkbox"/>		
UPPER GALLUP	6599	-392	<input type="checkbox"/>		
GREENHORN	7345	-1138	<input type="checkbox"/>		
GRANEROS	7395	-1188	<input type="checkbox"/>		
TWO WELLS	7479	-1272	<input type="checkbox"/>	3400	Gas
PAGUATE	7521	-1314	<input type="checkbox"/>		
UPPER CUBERO	7531	-1324	<input type="checkbox"/>		
LOWER CUBERO	7567	-1360	<input type="checkbox"/>		
ENCINAL	7589	-1382	<input type="checkbox"/>		TD 30' into Encinal to test upper sand - do not drill Burro Canyon.
Total Depth	7619	-1412	<input type="checkbox"/>		6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 623 cuft. Circulate cement a minimum of 100' inside the previous casing string.
<b>Reference Wells:</b>					
Reference Type	Well Name		Comments		
Production	129		SE25 30-7 best deep data		

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 147

DEVELOPMENT

Production	96B	NE26 30-7
Production	76A	SE24 30-7

## Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

No OH logs required. Mudlog from 100' above Greenhorn to TD - loggers will call TD due to minimal structure data and to monitor Encinal gas.

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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**Directions from the Intersection of US Hwy 550 & State Hwy 64 in Bloomfield, NM**  
**to Burlington Resources Oil & Gas Company San Juan 30-6 Unit #147**  
**710' FNL & 1485' FWL, Section 25, T30N, R7W, N.M.P.M., Rio Arriba County, NM**

**Latitude : 36.78890°N   Longitude : 107.52624°W   Datum : NAD1983**

From the intersection of US Hwy 550 & State Hwy 64 in Bloomfield, NM, travel Easterly on State Hwy 64 for 24.0 miles to State Highway 539;

Go left (North-easterly) on State Highway 539 for 3.9 miles;

Go right (North-easterly) on DeLasso Loos Road for 6.8 miles to State Highway 527 (Sims Highway);

Go right (South-easterly) on State Highway 527 for 0.3 miles to fork in road;

Go right (Southerly) for 0.3 miles to fork in road;

Go right (North-westerly) for 0.1 miles to staked location which overlaps an existing wellpad.