

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

MAR 27 2009

RECEIVED
BUREAU OF LAND MANAGEMENT
FARMINGTON FIELD OFFICE
MAR 27 2009

1a. Type of Work DRILL	5. Lease Number SF-080516- 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 San Juan 28-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number 93N	
4. Location of Well Surf: Unit P(SESE), 195' FSL & 585' FEL Surf: Latitude: 36.654469° N (NAD83) Longitude: 107.339559° W	10. Field; Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) P Sec. 15, T28N, R5W API # 30-039-30722	
14. Distance in Miles from Nearest Town 32 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 195'		
16. Acres in Lease 600.00	17. Acres Assigned to Well MV 320.00 (S/2) DK 320.00 (E/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1548' from San Juan 28-5 Unit 2		
19. Proposed Depth 8090'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6706' 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>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	3/27/2009 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-000003 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

BLM'S APPROVAL OR ACCEPTANCE OF THIS
APPLICATION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

APR 07 2009

NMOCD

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

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

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87506

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 30722		*Pool Code 71599/72319	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 7460	*Property Name SAN JUAN 28-5 UNIT		*Well Number 93N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*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
P	15	28-N	5-W		195'	SOUTH	585'	EAST	RIO ARriba

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
P									
¹³ Dedicated Acres			¹² Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		
MV 320.00 S 1/2									
DK 320.00 E 1/2									

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

250

USA SF-079520

LAT: 36°39.2677' N.
LONG: 107°20.3375' W.
NAD 1927

LAT: 36.654469° N.
LONG: 107.339559° W.
NAD 1983

15

USA SF-080516-B

USA SF-080516-B

FEE

S 89° 48' 52" W 2642.021'

195'

585'

N 00° 01' 45" E 2647.038'

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 one or more mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 3/18/09
Signature
Crystal Tafoya 3-18-09
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.

1-15-08

Date of Survey _____

Signature _____

GLENN A. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR

Certificate Number **15703**

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PDO7.V9		
SAN JUAN 28 - 5 # 93 N	DATE	1/16/2008
WELL NAME		
WELL NAME		

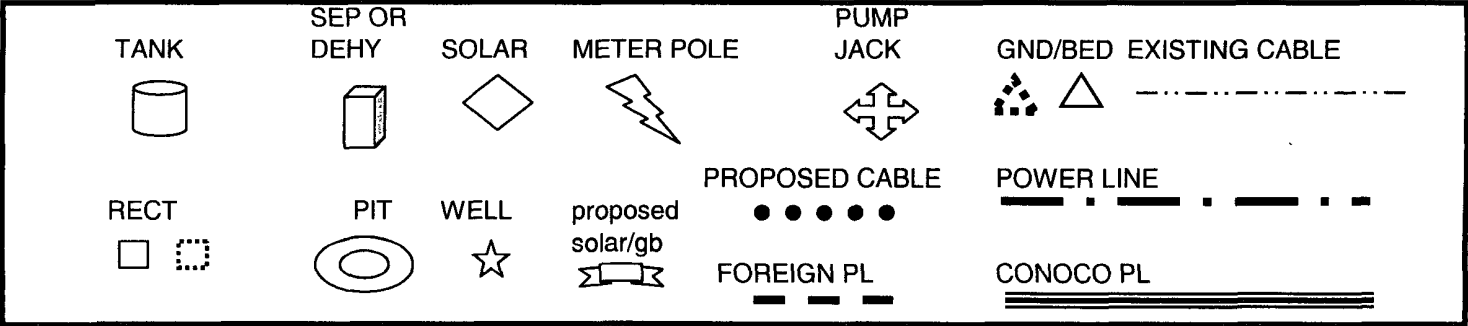
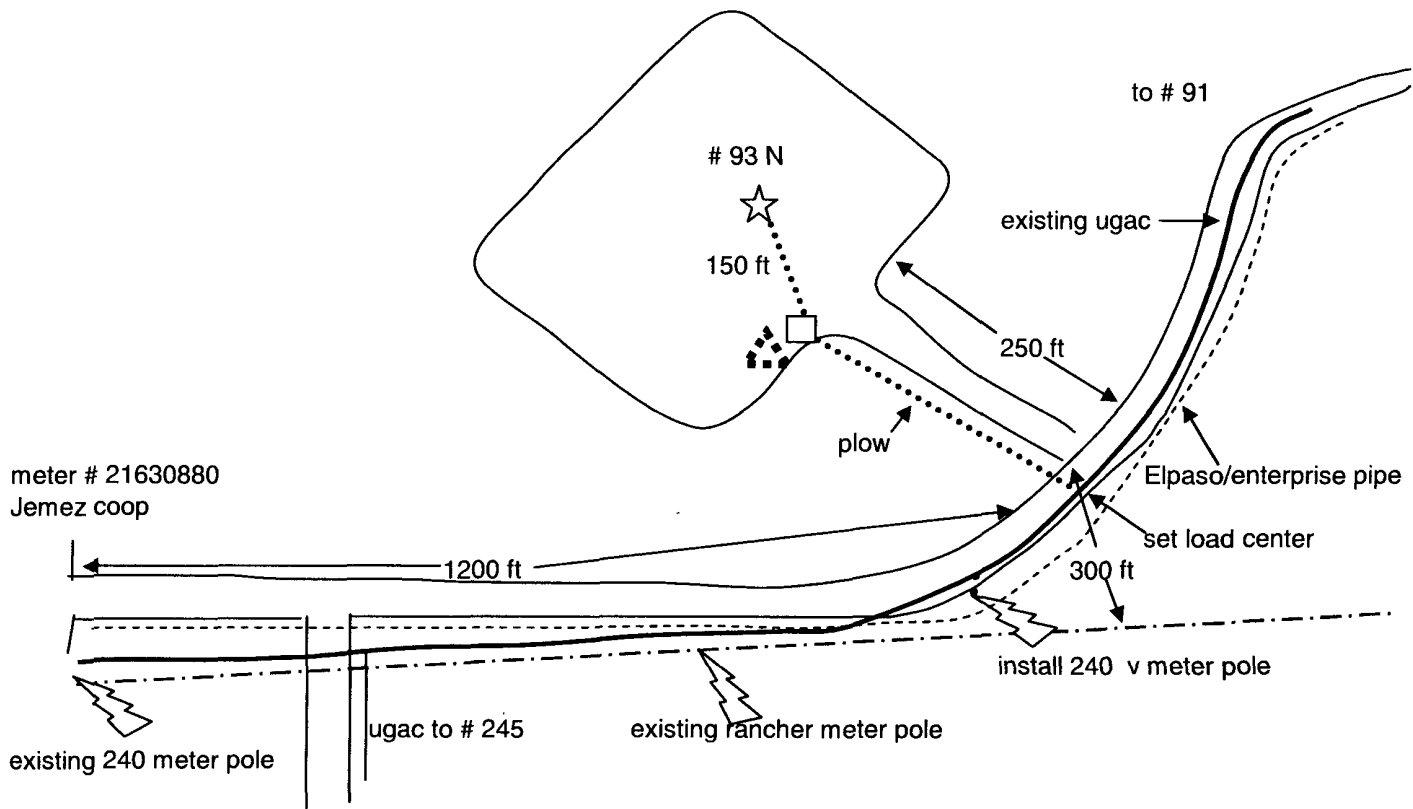
COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	P 15	28 N	5 W	36 39.2677 N	107 20.3375 W
COUNTY	RIO ARRIBA				

	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
RECTIFIER	30/12	x			
SOLAR					
GROUND BED		x			
240 V METER POLE	100 A	x			
480 V METER POLE					
D C CABLES	150 ft	x			
A C CABLES	550 ft	x			
PRIMARY POWER				Jemez	
DISTANCE TO POWER				550 ft	
UNDERGROUND			x		
PUMPJACK					
WATER PUMP					
COMPRESSOR					
RTU					
SAMS					
TANKS					

COMMENTS	install 240 V meter pole at power line - install load center on pole - tie existing ugac
	to # 91 - install 6/12 load center at loc entrance - plow cable to location -
	install rectifier system on loc - this eliminates 1200 ft ugac from existing system
	also proposed is an additional well at the # 91

WELL NAME	28-5 # 93 N
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no wells within 1000 ft
sandy soil



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 93N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7132		AFE \$: 1,384,899.70	
Field Name: hBR_SAN JUAN 28-5 UNIT		Rig: XXX Deferred Economic Rig		State: NM	County: RIO ARRIBA
API #:					
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist:	Phone:	Prod. Engineer:	Phone:		
Res. Engineer: McKee, Cory J	Phone: +1 505-326-9826	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 Stratigraphic Note:					
Latitude: 36.654461	Longitude: -107.338958	X:	Y:	Section: 15	Range: 005W
Footage X: 585 FEL	Footage Y: 195 FSL	Elevation: 6706	(FT)	Township: 028N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2020		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6718 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Remarks					
Surface Casing	200	6518	<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.					
OJO ALAMO	2969	3749	<input type="checkbox"/>		
KIRTLAND	3109	3609	<input type="checkbox"/>		
FRUITLAND	3429	3289	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3634	3084	<input type="checkbox"/>		
LEWIS	3735	2983	<input type="checkbox"/>		
Intermediate Casing	3835	2883	<input type="checkbox"/>		
8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 864 cuft. Circulate cement to surface.					
HUERFANITO BENTONITE	4271	2447	<input type="checkbox"/>		
CHACRA	4623	2095	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	5427	1291	<input type="checkbox"/>	685	Gas
MENEFEE	5499	1219	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	5810	908	<input type="checkbox"/>		
MANCOS	6127	591	<input type="checkbox"/>		
UPPER GALLUP	7026	-308	<input type="checkbox"/>		
GREENHORN	7771	-1053	<input type="checkbox"/>		
GRANEROS	7824	-1106	<input type="checkbox"/>		
TWO WELLS	7887	-1169	<input type="checkbox"/>	2400	Gas
UPPER CUBERO	7958	-1240	<input type="checkbox"/>		
LOWER CUBERO	8011	-1293	<input type="checkbox"/>		
Total Depth	8090	-1372	<input type="checkbox"/>		
ENCINAL	8090	-1372	<input type="checkbox"/>		
TOTAL DEPTH DK	8090	-1372	<input type="checkbox"/>		
6 1/4" hole. 4 1/2" csg. 10.5 / 11.6 ppf J-55 ST&C / LT&C. Cement with 579 cu-ft. Circulate cement to at least 100-ft into previous csg. string.					
Reference Wells:					
Reference Type	Well Name	Comments			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 93N

DEVELOPMENT

Logging Program:					
Intermediate Logs: <input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input checked="" type="checkbox"/> Triple Combo <input checked="" type="checkbox"/> Other					
Run GR/induction/density/neutron from intermediate TD to minimum footage.					
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					
Estimated bottom perf ~20' above the est TD.					
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Directions from the Post Office
in Blanco, NM
to
Burlington Resources Oil & Gas Company LP
SAN JUAN 28-5 UNIT #93N
195' FSL & 585' FEL,
Section 15, T28N, R5W, N.M.P.M.,
Rio Arriba County, New Mexico
LAT. 36.654496° NAD 83
LONG. 107.339559° NAD 83

From the Post Office in Blanco, NM
Take Highway 64 East for 27.6 miles (mile post 101.1)

turn right (south) on General American Road for 1.1 miles,
turn left (southeasterly) on Arnold Ranch Road for 1.9 miles,
stay left (southeast) 1.10 miles,
turn left(northeast) 0.3 miles,
turn right (east) 0.4 miles
to beginning of access on left (north) side of road,
which continue (northwesterly) for 245' to new well location.