

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUN 24 2009

RD JUN 24 09
OIL CONS. DIV.
DIST. 3

1a. Type of Work DRILL	5. Lease Number SF - 079193 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 28-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name	
4. Location of Well Surf: Unit H (SENE), 1427' FNL & 1102' FEL Bottomhole: Unit A (NENE), 190' FNL & 350' FEL Surf: Latitude: 36.65013° N (NAD83) Longitude: 107.44927° W Bottomhole: Latitude: 36.65353° N (NAD83) Longitude: 107.44670° W	9. Well Number 119N 10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 22, T28N, R6W API # 30-039-30772	
14. Distance in Miles from Nearest Town 30 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 190'	16. Acres in Lease 2240.00	17. Acres Assigned to Well MV/DK 320.00 (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 72' from San Juan 28-6 Unit 119	19. Proposed Depth 7871'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6562' 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	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u>Tracey N. Monroe</u> Tracey N. Monroe (Staff Regulatory Technician) Date	

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.

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

Hold C104

for Directional Survey
and "As Drilled" plat

NMOCD

JUN 25 2009

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

PC

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

State of New Mexico RECEIVED
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
Farmington Field Office

JUN 04 2009 Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

State Lease — 4 Copies
 Fee Lease — 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30772		*Pool Code 71599/72319	*Pool Name Blanco Basin DAKOTA/MESAVERDE	
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT			*Well Number 119 N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 6562'

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
H	22	28N	6W		1427'	NORTH	1102'	EAST	RIO ARriba

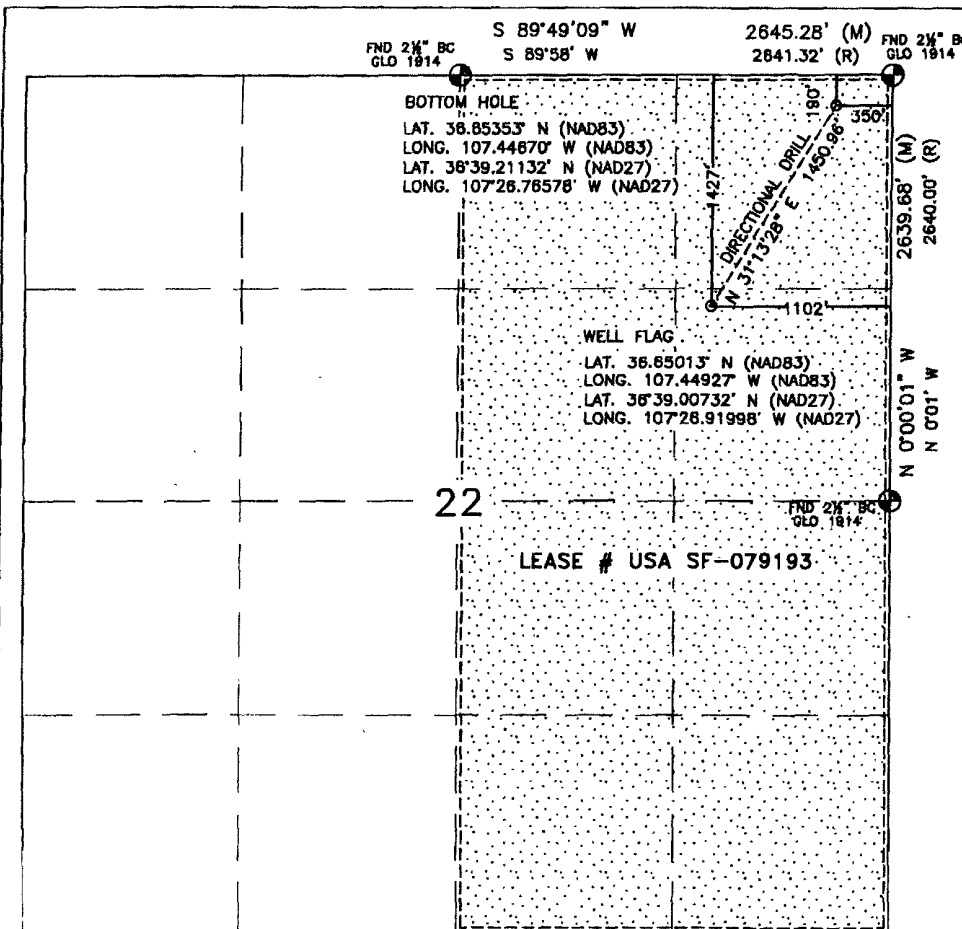
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	28N	6W		190'	NORTH	350'	EAST	RIO ARriba

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320.00 Acres - (E/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

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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 11/22/08
Date

James Gardenhire

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 7, 2008

Date of Survey _____

Signature and Seal of Professional Surveyor:

Carl A. Russell



DAVID RUSSELL

Certificate Number

10201

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PDO7.LK		
SAN JUAN 28 - 6 # 119 N		DATE 1/23/2008
WELL NAME		
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
A 22	28 N	6 W	36.65221 N	107.44779 W

COUNTY

RIO ARRIBA

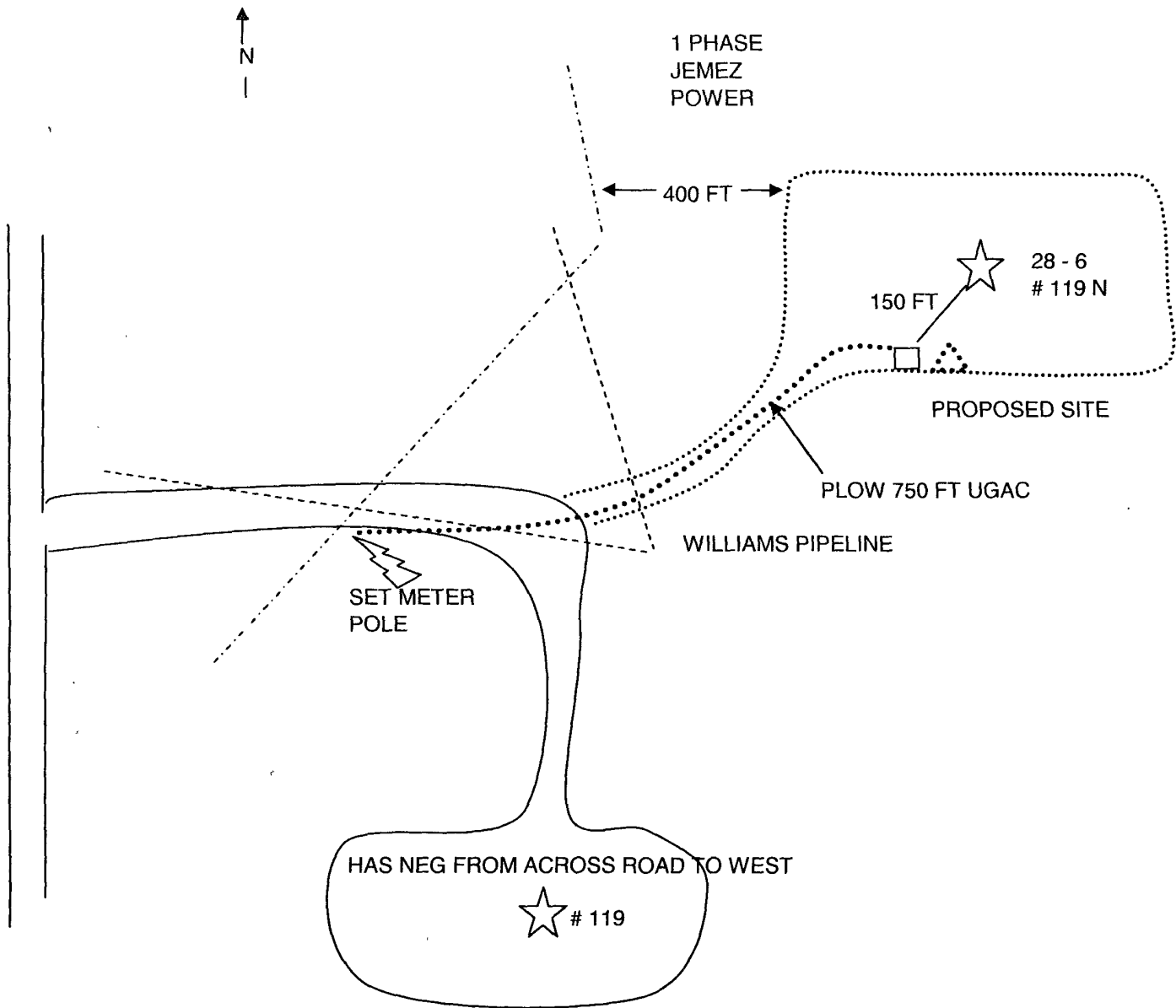
RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP
COMPRESSOR
RTU
SAMS
TANKS

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
# 8	200'			
# 8	750 FT			
			JEMEZ	
			400 FT	

COMMENTS

INSTALL METER POLE - PLOW 750 FT UGAC - INSTALL RECTIFIER SYSTEM
SANDY SOIL

WELL NAME
SAN JUAN 28 - 6 # 119 N



TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND/BED	EXISTING CABLE
RECT	PIT	WELL	proposed solar/gb	PROPOSED CABLE	POWER LINE	CONOCO PL
			FOREIGN PL			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 119N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7470		AFE \$: 1,774,337.39	
Field Name: hBR_SAN JUAN 28-6 UNIT		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				
R20076	DAKOTA(R20076)				
Location: Datum Code: NAD 27					
Latitude: 36.650122	Longitude: -107.448666	X:	Y:	Section: 22	Range: 006W
Footage X: 1102 FEL	Footage Y: 1427 FNL	Elevation: 6562	(FT)	Township: 028N	
Tolerance:					
Location: Datum Code: NAD 27					
Latitude: 36.653522	Longitude: -107.446096	X:	Y:	Section: 22	Range: 006W
Footage X: 350 FEL	Footage Y: 190 FNL	Elevation:	(FT)	Township: 028N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:	
Formation Data: Assume KB = 6577		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6377	☐		
OJO ALAMO	2686	3891	☐		
KIRTLAND	2775	3802	☐		
FRUITLAND	3020	3557	☐		Possible Gas
PICTURED CLIFFS	3408	3169	☐		
LEWIS	3494	3083	☐		
HUERFANTO BENTONITE	4019	2558	☐		
Intermediate Casing	4200	2377	☐		
CHACRA	4364	2213	☐		
UPPER CLIFF HOUSE	5150	1427	☐		
MASSIVE CLIFF HOUSE	5215	1362	☐	528	Gas
MENEFEE	5360	1217	☐		
POINT LOOKOUT	5699	878	☐		
MANCOS	6084	493	☐		
UPPER GALLUP	6805	-228	☐		
GREENHORN	7547	-970	☐		
GRANEROS	7615	-1038	☐		
TWO WELLS	7657	-1080	☐	2509	Gas
PAGUATE	7737	-1160	☐		
UPPER CUBERO	7757	-1180	☐		
LOWER CUBERO	7797	-1220	☐		
ENCINAL	7871	-1294	☐		

12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.

Possible Gas

8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1018 cuft. Circulate cement to surface.

Est. Top Perf - 4387 (2211)

Gas

Gas

Gas

Est. Btm Perf - 7872 (-1274) based on offset wells

TD - T/ENCN

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 119N

DEVELOPMENT

Total Depth	7871	-1294	☐	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 501 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 28-6 107M	28N-6W23 W2 SE NW
Production	SJ 28-6 461	28N-6W22 NW SE NE
Production	SJ 28-6 137	28N-6W14 SE SW
Production	SJ 28-6 119	28N-6W22 SE NE

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
Cased Hole GR / CBL	
Mudlog from 100' above top of GRHN to TD - mudlogger will call TD.	

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

ConocoPhillips or its affiliates Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-6 #119N
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6577.4ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6577.4ft (Original Well Elev)
Site:	San Juan 28 Wells	North Reference:	True
Well:	SJ 28-6 #119N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Targets									
Target Name	hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	
Shape		(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	
SJ 28-6 #119N ICP		0.00	0.00	4,200.0	1,237.8	753.9	2,057,363.67	613,590.34	
- plan hits target center									
- Point									
SJ 28-6 #119N PCP		0.00	0.00	7,871.0	1,237.8	753.9	2,057,363.63	613,590.30	
- plan hits target center									
- Point									

Casing Points				
Measured Depth	Vertical Depth		Casing Diameter	Hole Diameter
(ft)	(ft)	Name	(")	(")
200.0	200.0	Surf	9-5/8	12-1/4
4,818.1	4,500.0	Int	7	8-3/4
8,189.1	7,871.0	Prod	4-1/2	6-1/4

Formations				
Measured Depth	Vertical Depth	Name	Lithology	Dip Direction
(ft)	(ft)			(°)
7,123.1	6,805.0	Upper Gallup		0.00
6,402.1	6,084.0	Mancos		0.00
7,975.1	7,657.0	Two Wells		0.00
5,468.1	5,150.0	Upper Cliffhouse		0.00
3,795.0	3,494.0	Lewis		0.00
5,678.1	5,360.0	Menefee		0.00
8,075.1	7,757.0	Upper Cubero		0.00
8,115.1	7,797.0	Lower Cubero		0.00
3,701.5	3,408.0	Pictured Cliffs		0.00
2,882.1	2,686.0	Ojo		0.00
3,262.3	3,020.0	Fruitland		0.00
8,055.1	7,737.0	Paguate		0.00
4,682.1	4,364.0	Chacra		0.00
7,933.1	7,615.0	Graneros		0.00
6,017.1	5,699.0	Point Lookout		0.00
7,865.1	7,547.0	Greenhorn		0.00
4,336.9	4,019.0	Huerfanto Bentonite		0.00
2,983.4	2,775.0	Kirtland		0.00
8,189.1	7,871.0	Encinal		0.00
5,533.1	5,215.0	Mass Cliffhouse		0.00

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #119 N
1427' FNL & 1102' FEL
LOCATED IN THE SE/4 NE/4 OF SECTION 22,
T28N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM BLANCO TRADING POST, HEAD EAST 22.7 MILES TO FOURMILE TURN OFF.
- 2) TRAVEL SOUTHEAST 3.4 MILES TO "Y" INTERSECTION.
- 3) TURN RIGHT AND TRAVEL 2.1 MILES TO CROWS FOOT.
- 4) TURN RIGHT AND TRAVEL 1.8 MILES TO "T" INTERSECTION.
- 5) TURN LEFT AND TRAVEL 0.25 MILES TO EXISTING LOCATION WHERE IT IS TWINNED

WELLFLAG LOCATED AT LAT. 36.65013°N LONG. 107.44927°W (NAD 83)

