

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 26 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR RE-PLUG WELL
Bureau of Land Management
Farmington Field Office

RECEIVED
MAR 26 2009
BLM, NM

1a. Type of Work DRILL	5. Lease Number SF-080505-A 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 9. Well Number 117N	
4. Location of Well Surf: Unit J(NWSE), ¹⁹⁰⁹ 1547' FSL & 1741' FEL Bottomhole: Unit O(SWSE), 197' FSL & 1930' FEL Surf: Latitude: 36.67277° N (NAD83) Longitude: 107.45143° W Bottomhole: Latitude: 36.66907° N (NAD83) Longitude: 107.45209° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 10, T28N, R6W API # 30-039- 30726	
14. Distance in Miles from Nearest Town 26 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 197'	17. Acres Assigned to Well MV - 283.40 Sec. 10 All DK (R-2948(2)) Sec. 11 Lots 2,3 & 4, S/2 SW/4 & SW/4 SE/4 Sec. 10 Lots 1 & 2 & S/2 SE/4	
16. Acres in Lease 955.330	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 52' from San Juan 28-6 Unit 117 (DK)	
19. Proposed Depth 7746'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6413' 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 3/25/2009 Date	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	

PERMIT NO.

APPROVAL DATE

Hold C104

for Directional Survey
and "As Drilled" plat

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-0000151 and NMB-000089

subject to compliance with attached
"General Requirements".

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

PA NMOCD

NOTIFY AZTEC OCD 24 HRS.

PRIOR TO CASING & CEMENT

SEP 02 2009

Hold C104
for Directional Survey
and "As Drilled" plat

RECEIVED

DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department
JUL 10 2009

Form C-102
Revised October 12, 2005

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

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30726	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 117 N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6411'

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
J	10	28N	6W	2	1909'	SOUTH	1920'	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

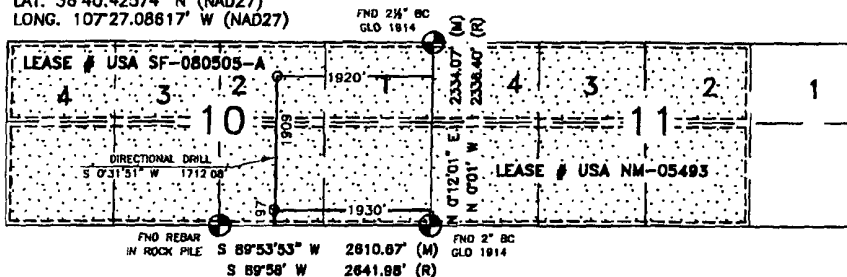
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	10	28N	6W		197'	SOUTH	1930'	EAST	RIO ARRIBA

¹² Dedicated Acres MV 283.40 Acres SEC. 10 ALL DK 353.83 Acres E/2 SEC 10 W/2 SEC. 11 W/2/E/2 SEC. 11	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R2948-Dakota.
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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

SURFACE LOCATION
LAT. 36.67377° N (NAD83)
LONG. 107.45204° W (NAD83)
LAT. 36°40.42574' N (NAD27)
LONG. 107°27.08617' W (NAD27)



BOTTOM HOLE
LAT. 36.66907° N (NAD83)
LONG. 107.45208° W (NAD83)
LAT. 36°40.14374' N (NAD27)
LONG. 107°27.08917' W (NAD27)

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 or a compulsory pooling order heretofore entered by the division.

Tracey N. Monroe 8/18/09
Signature Date

Tracey N. Monroe
Printed Name

¹⁸ SURVEYOR CERTIFICATION

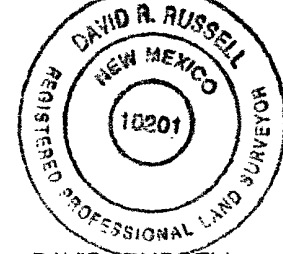
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 23, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

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

RECEIVED

AUG 10 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit J (NESE) 1909' FSL & 1920' FEL, Sec. 10, T28N, R6W, NMPM ✓
Bottom: Unit O (SWSE) 197' FSL & 1930' FEL, Sec. 10, T28N, R6W, NMPM ✓5. Lease Number,
SF-080505-A
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

San Juan 28-6 Unit

8. Well Name & Number

9. San Juan 28-6 Unit 117N
API Well No.

30-039 30726

10. Field and Pool

Basin DK/Blanco MV

Rio Arriba Co., NM

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

Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

Type of Action

☐ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection☒ Other - Revised Footages

RCVD AUG 28 '09

OIL CONS. DIV.

DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources requests to move the subject well from the APD approved Surf: Unit J (NWSE), 1547' FSL & 1741' FEL to Surf: Unit J (NESE) 1909' FSL & 1920' FEL, Sec. 10, T28N, R6W due to drainage issues. The Bottom hole will not change.

Attached:

Plat, Pad Diagram, Cut & Fill, TOPO, Pipeline Plat, SUP, Project Proposal, DD Plan, EA

14. I hereby certify that the foregoing is true and correct.Signed Tracey N. Monroe Tracey N. Monroe Title Staff Regulatory Technician Date 8/17/2009

(This space for Federal or State Office use)

APPROVED BY [Signature] Title AFM Date 8/27/09

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

COMPANY
Charge Code
WELL NAME

BURLINGTON RESOURCES

WAN.RFE.PD08.53

SAN JUAN 28 - 6 # 117 N

DATE

5/15/2008

DUAL WELL
TRIPLE WELL

WELL NAME

SAN JUAN 28 - 6 # 117

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

J 10

28 N

6 W

36.66907 N

107.45209 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

SIZE

NEEDED

EXISTING

1 PHASE

3 PHASE

40/16

X

X

X

X

250'

JEMEZ

1.3 MILES

COMMENTS

INSTALL NEW GROUND BED

REPLACE OLD RECTIFIER

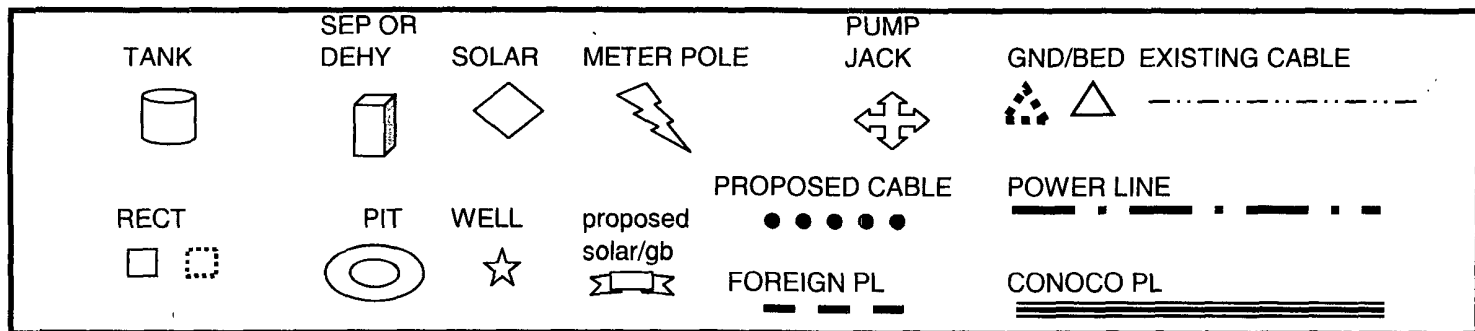
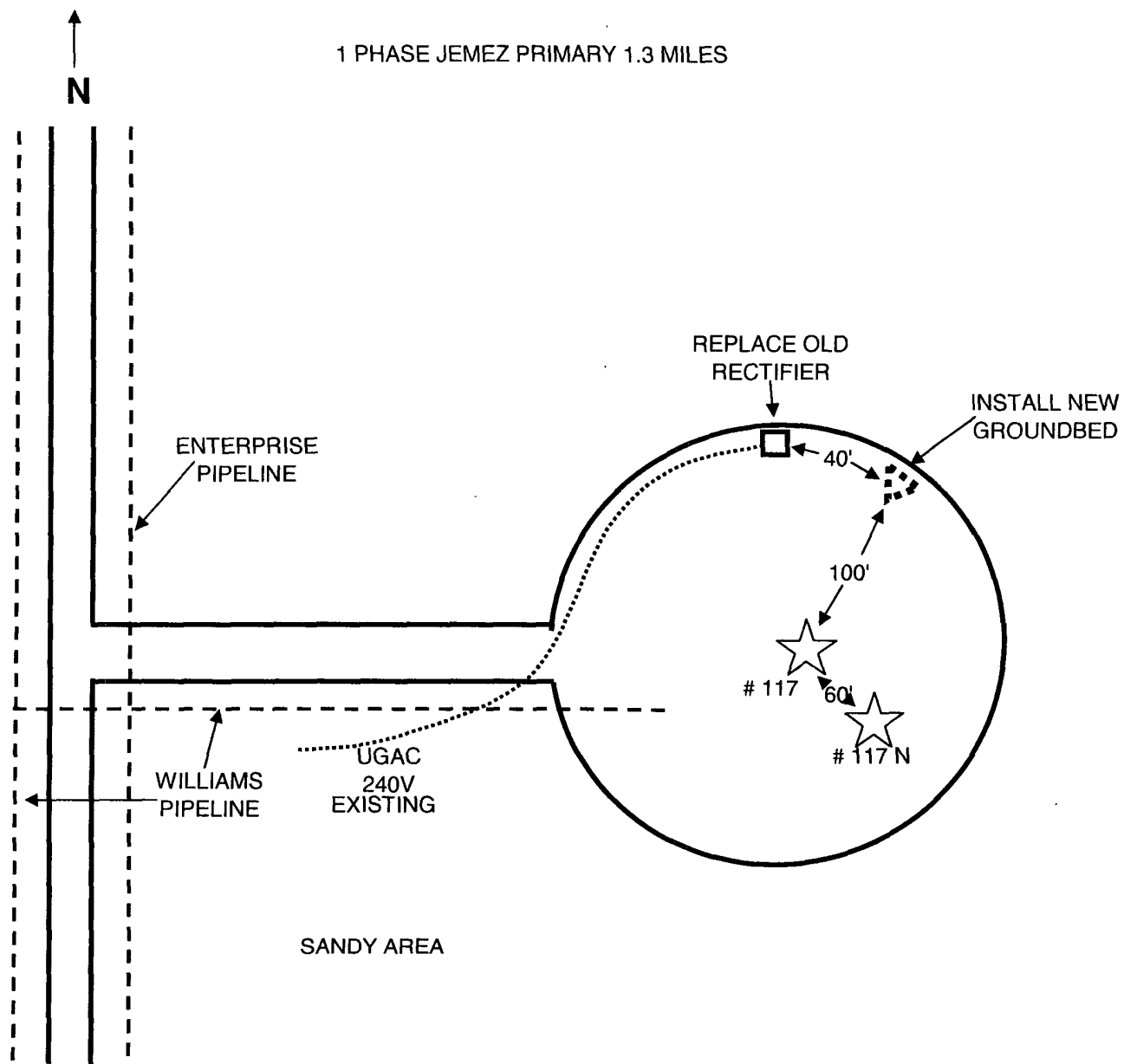
1 PHASE JEMEZ PRIMARY - 1.3 MILES

SANDY AREA

INSTALL NEG CABLES

WELL NAME	SAN JUAN 28 - 6 # 117 N
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1 PHASE JEMEZ PRIMARY 1.3 MILES



BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #117 N
1909' FSL & 1920' FEL
LOCATED IN THE NW/4 SE/4 OF SECTION 10,
T28N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM THE POST OFFICE IN BLANCO TRAVEL EASTERLY FOR 22.5 MILES.
- 2) TURN RIGHT (FOUR MILE CANYON TURNOFF) AND GO 1.9 MILES.
- 3) TURN RIGHT AND TRAVEL 0.3 MILES WHERE LOCATION IS STAKED ON RIGHT SIDE OF ROAD

WELL FLAG LOCATED AT LAT. 36.67377°N, LONG. 107.45204°W (NAD 83)



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 117N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8051				AFE \$: 1,858,310.37	
Field Name: SAN JUAN 28-6 UNIT		Rig: H&P Rig 282		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: Datum Code: NAD 27							
Latitude: 36.673762	Longitude: -107.451436	X:	Y:	Section: 10		Range: 006W	
Footage X: 1920 FEL	Footage Y: 1909 FSL	Elevation: 6411	(FT)	Township: 028N			
Tolerance:							
Location: Datum Code: NAD 27							
Latitude: 36.669062	Longitude: -107.451486	X:	Y:	Section: 10		Range: 006W	
Footage X: 1930 FEL	Footage Y: 197 FSL	Elevation:	(FT)	Township: 028N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6426 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	320	6106	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 244 cuft. Circulate cement to surface.	
NACIMIENTO	1138	5288	☐				
OJO ALAMO	2523	3903	☐				
KIRTLAND	2626	3800	☐				
FRUITLAND	2642	3784	☐			Possible Gas	
PICTURED CLIFFS	3294	3132	☐				
LEWIS	3430	2996	☐				
HUERFANITO BENTONITE	4040	2386	☐				
CHACRA	4242	2184	☐			Est. Top Perf - 4243 (2182)	
Intermediate Casing	4700	1726	☐			8 3/4" Hole. 7", 23.3 ppf, J-55, STC Casing. Cement with 1141 cuft. Circulate cement to surface.	
UPPER CLIFF HOUSE	4905	1521	☐			Gas	
MASSIVE CLIFF HOUSE	5092	1334	☐	500		Gas	
MENEFEE	5181	1245	☐				
POINT LOOKOUT	5501	925	☐				
MANCOS	5974	452	☐				
GALLUP	6684	-258	☐				
GREENHORN	7424	-998	☐				
GRANEROS	7486	-1060	☐				
TWO WELLS	7536	-1110	☐	2375		Gas	
PAGUATE	7575	-1149	☐				
CUBERO	7620	-1194	☐			Est. Btm Perf - 7728 (-1303) based on offset wells	
LOWER CUBERO	7660	-1234	☐			TD - 84' Below Top of Lower Cubero	

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-6 #117N
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6426 0ft
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6426 0ft
Site:	San Juan 28 Wells	North Reference:	True
Well:	SJ 28-6 #117N	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-6 #117N Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,827.9	2,642.0	Fruitland		0.00		
4,418.4	4,040.0	Huerfano Bentonite		0.00		
3,731.3	3,430.0	Lewis		0.00		
5,297.3	4,905.0	Upper Cliffhouse		0.00		
7,816.3	7,424.0	Greenhorn		0.00		
2,691.5	2,523.0	Ojo Alamo		0.00		
7,076.3	6,684.0	Gallup		0.00		
4,629.8	4,242.0	Chacra		0.00		
5,893.3	5,501.0	Point Lookout		0.00		
8,052.3	7,660.0	Lower Cubero		0.00		
5,573.3	5,181.0	Menefee		0.00		
1,146.4	1,138.0	Nacimiento		0.00		
2,809.6	2,626.0	Kirtland		0.00		
3,575.4	3,294.0	Pictured Cliffs		0.00		
7,967.3	7,575.0	Paguate		0.00		
7,878.3	7,486.0	Graneros		0.00		
5,484.3	5,092.0	Massive Cliffhouse		0.00		
7,928.3	7,536.0	Two Wells		0.00		
6,366.3	5,974.0	Mancos		0.00		
8,012.3	7,620.0	Cubero		0.00		