

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 09 2009

ROD JUN 24 09

OIL GAS DIV.

DEPT.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Management
Farmington Field Office

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 9. Well Number 127N
4. Location of Well Surf: Unit J(NWSE), 1532' FSL & 1797' FEL Bottomhole: Unit G(SWNE), 2436' FNL & 2446' FEL Surf: Latitude: 36.64375° N (NAD83) Longitude: 107.48758° W Bottomhole: Latitude: 36.64735° N (NAD83) Longitude: 107.48980° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 20, T28N, R6W API # 30-039-30774
14. Distance in Miles from Nearest Town 38.5 miles/Blanco	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1532'	
16. Acres in Lease 2240	17. Acres Assigned to Well MV/DK 320 (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 143' from San Juan 28-6 Unit 127E	
19. Proposed Depth 7784'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6519' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Tracey N. Monroe (Staff Regulatory Technician)	Date 6/9/09

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOC FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOC 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

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

Hold C104

for Directional Survey and "As Drilled" plat

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

NOTIFY AZTEC OCD 24 HRS. JUN 25 2009
PRIOR TO CASING & CEMENT

Bond Numbers NMB-000015 and NMB-000089

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, NM 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
Bureau of Land Management
Farmington Field Office

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-30774		Pool Code 71599/72319		Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
Property Code 7462		Property Name SAN JUAN 28-6 UNIT			Well Number 127 N
OGRID No. 14538		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			Elevation 6519'

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	20	28N	6W		1532'	SOUTH	1797'	EAST	RIO ARRIBA

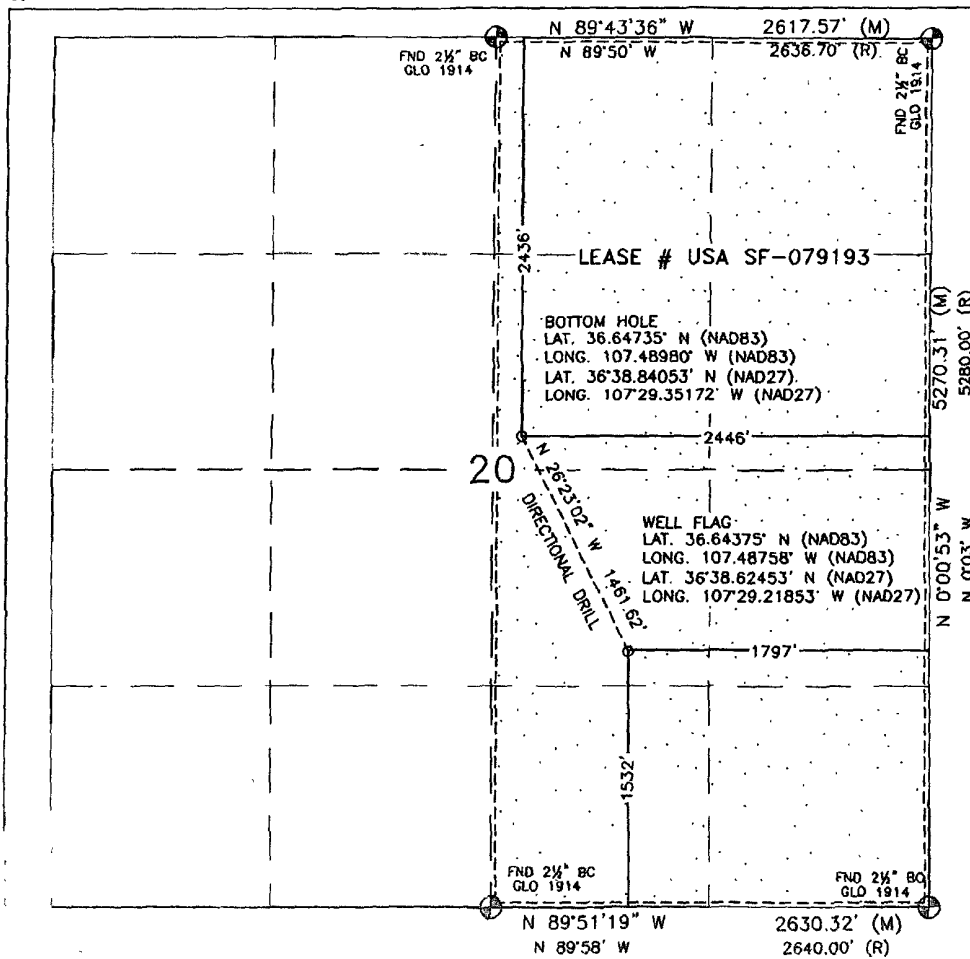
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	28N	6W		2436'	NORTH	2446'	EAST	RIO ARRIBA

Dedicated Acres 320.0 Acres - (E/2)		Joint or Infill		Consolidation Code		Order No.			
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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



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 6/14/08
Signature Date

Tracey N. Monroe
Printed Name

18 SURVEYOR CERTIFICATION

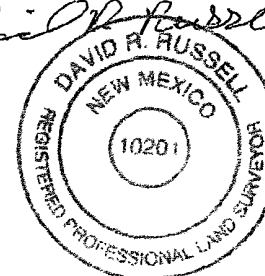
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 11, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 127N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7478		AFE \$: 1,698,721.32	
Field Name: hBR_SAN JUAN 28-6 UNIT		Rig: H&P Rig 281		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				
R20076	DAKOTA(R20076)				
Location: Datum Code: NAD 27					
Latitude: 36.643742	Longitude: -107.486975	X:	Y:	Section: 20	Range: 006W
Footage X: 1797 FEL	Footage Y: 1532 FSL	Elevation: 6519	(FT)	Township: 028N	
Tolerance:					
Location: Datum Code: NAD 27					
Latitude: 36.647342	Longitude: -107.489195	X:	Y:	Section: 20	Range: 006W
Footage X: 2446 FEL	Footage Y: 2436 FNL	Elevation:	(FT)	Township: 028N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:	
Date In Operation:					
Formation Data: Assume KB = 6534 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6334	☐		
OJO ALAMO	2557	3977	☐		
KIRTLAND	2654	3880	☐		
FRUITLAND	2947	3587	☐		Possible Gas
PICTURED CLIFFS	3319	3215	☐		
LEWIS	3472	3062	☐		
HUERFANITO BENTONITE	3924	2610	☐		
CHACRA	4274	2260	☐		
Intermediate Casing	4500	2034	☐		
JPPER CLIFF HOUSE	4882	1652	☐		
MASSIVE CLIFF HOUSE	4986	1548	☐	625	Gas
MENEFEE	5140	1394	☐		
POINT LOOKOUT	5500	1034	☐		
MANCOS	5996	538	☐		
IPPER GALLUP	6731	-197	☐		
IREENHORN	7456	-922	☐		
IRANEROS	7520	-986	☐		
WO WELLS	7556	-1022	☐	2425	Gas
PPER CUBERO	7668	-1134	☐		
DWER CUBERO	7704	-1170	☐		
NCINAL	7784	-1250	☐		TD at top of Encinal with bottom perf about 15' off bottom.

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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 127N

DEVELOPMENT

Total Depth	7784	-1250	☐	6-1/4" hole. 4-1/2", 11.6 ppf, J-55/L-80, LTC casing. Cement with 450 cubic ft. Circulate cement a minimum of 100' inside the previous casing string.
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Reference Wells:		
Reference Type	Well Name	Comments
Production	28-6 127 & 143	section 20 28-6

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

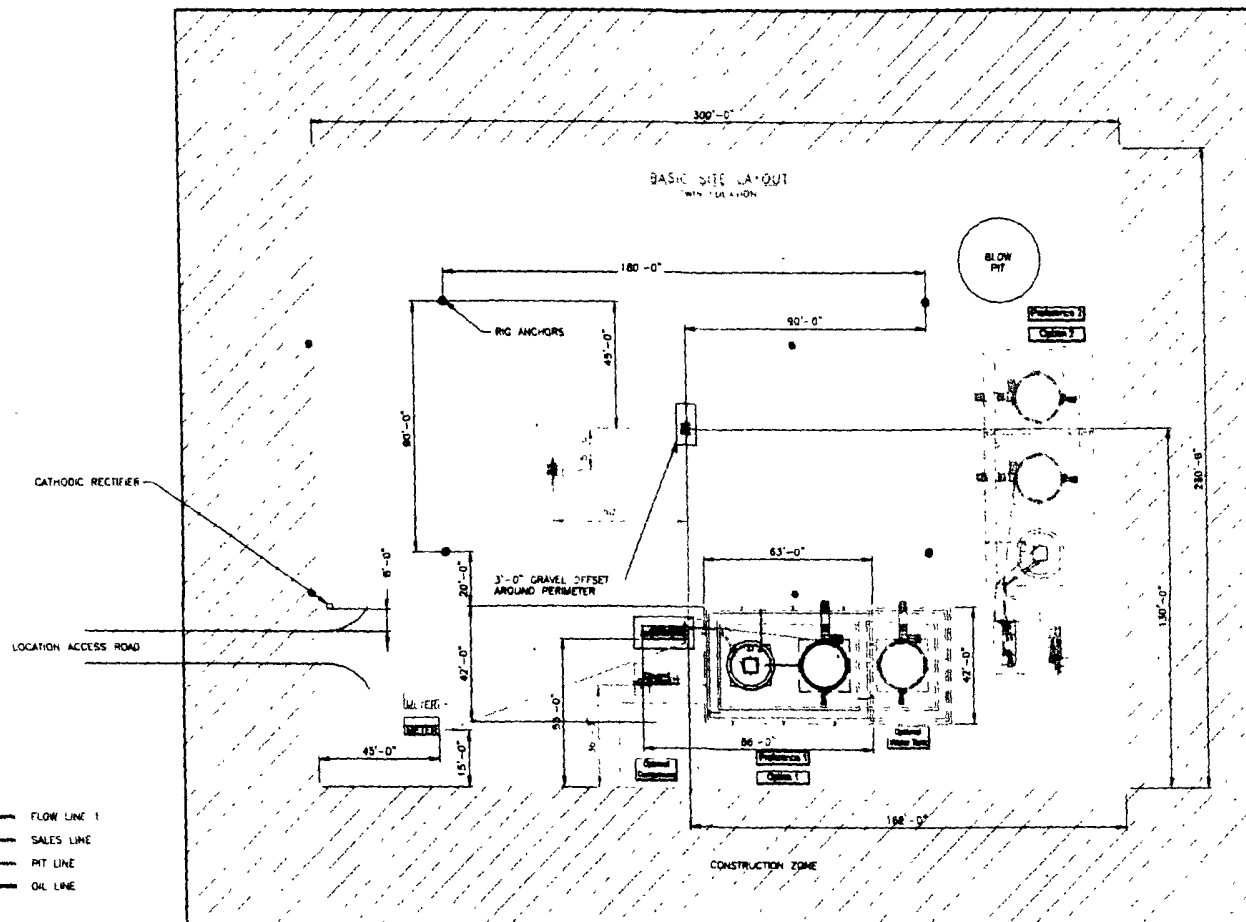
TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☒ TDT	☐ Other
No OH logs. Mudlog from 100' above Greenhorn to TD - loggers will call TD.							

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 #127N
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6534.0ft (Generic Rig)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6534.0ft (Generic Rig)
Site:	San Juan 28 Wells	North Reference:	True
Well:	SJ 28-6 #127N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal		
Design:	Planned		

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
		Oak Canyon		0 00	
2,703.6	2,557.0	Ojo		0 00	
2,811.1	2,654.0	Kirtland		0 00	
3,135.7	2,947.0	Fruitland		0.00	
3,547.8	3,319.0	Pictured Cliffs		0 00	
3,717.3	3,472.0	Lewis		0 00	
4,210.2	3,924.0	Huerfano Bentonite		0 00	
4,568.7	4,274.0	Chacra		0 00	
5,177.3	4,882.0	Upper Cliffhouse		0 00	
5,281.3	4,986.0	Mass Cliffhouse		0 00	
5,435.3	5,140.0	Menefee		0 00	
5,795.3	5,500.0	Point Lookout		0 00	
6,291.3	5,996.0	Mancos		0 00	
7,026.3	6,731.0	Upper Gallup		0 00	
7,751.3	7,456.0	Greenhorn		0 00	
7,815.3	7,520.0	Graneros		0 00	
7,851.3	7,556.0	Two Wells		0 00	
7,963.3	7,668.0	Upper Cubero		0 00	
7,999.3	7,704.0	Lower Cubero		0 00	
8,079.3	7,784.0	Encinal		0 00	



SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" FOR

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS				CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT		
										PROJECT	REVIEWED	DATE	NO.	DESCRIPTION			CLIENT NO.	CLIENT NAME	APPROV. DATE
										PROJECT						CREATION DT			CREATION DATE 6/29/21
										NO CHANGES									
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BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #127 N

1532' FSL & 1797' FEL

LOCATED IN THE NW/4 SE/4 OF SECTION 20,

T28N, R6W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM BLANCO POST OFFICE, HEAD EAST 22.7 MILES TO 4 MILE TURN OFF.
- 2) GO SOUTHEAST 3.4 MILES TO "Y" INTERSECTION.
- 3) TURN RIGHT & GO 2.1 MILES TO CROWS FOOT.
- 4) TURN RIGHT & GO 5.9 MILES NORTHERLY ALONG RIDGE ROAD.
- 5) TURN LEFT & GO 2.8 MILES.
- .) TURN LEFT AT LAUNCHER & GO 0.6 MILES TO "T" INTERSECTION.
- .) TURN LEFT & GO 0.9 MILES TO EXISTING LOCATION WHERE IT IS TWINNED.

WELL FLAG LOCATED AT LAT. 36.64375°N, LONG. 107.48758°W (NAD 83).