

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD DEC 5 '08
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED APR 07 2008 Bureau of Land Management Farmington Field Office	5. Lease Number USA SF-078424 Unit Reporting Number NMNM-78417A-MV NMNM-78417B-DK
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 29-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name	9. Well Number #65M
4. Location of Well Unit J (NWSE), 1795' FSL & 1735' FEL Surf. Unit P (SESE), 720' FSL & 710' FEL Bottom Hole Latitude 36.708970 N Surf. Longitude 107.555235 W Surf. Latitude 36.706031 N, Bottom Hole Longitude 107.551723 W, Bottom Hole	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) J Sec. 22, T29N, R7W Surf. p Sec. 22, T29N, R7W BH API # 30-039-30516	
14. Distance in Miles from Nearest Town 18 miles to Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'		
16. Acres in Lease 2160.00	17. Acres Assigned to Well DK & MV - 320 - (E/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 50' from San Juan 29-7 Unit #65A		
19. Proposed Depth 8096'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6784' GL	22. Approx. Date Work will Start 4/7/08	
23. Proposed Casing and Cementing Program See Operations Plan attached	BLM'S APPROVAL FOR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATION ON FEDERAL AND INDIAN LANDS	
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ATEU DATE 12/9/08

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

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

DEC 17 2008
NMOCD AV

DRILLING OPERATIONS Hold C104
SUBJECT TO COMPLIANCE WITH ALL APPLICABLE "GENERAL REQUIREMENTS" and "As Drilled" plat

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.

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West 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

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

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

APR 07 2008

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT
Bureau of Land Management
Falmington

¹ API Number 30-039-30510	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 65M
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6784'

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	22	29-N	7-W		1795'	SOUTH	1735'	EAST	RIO ARRIBA

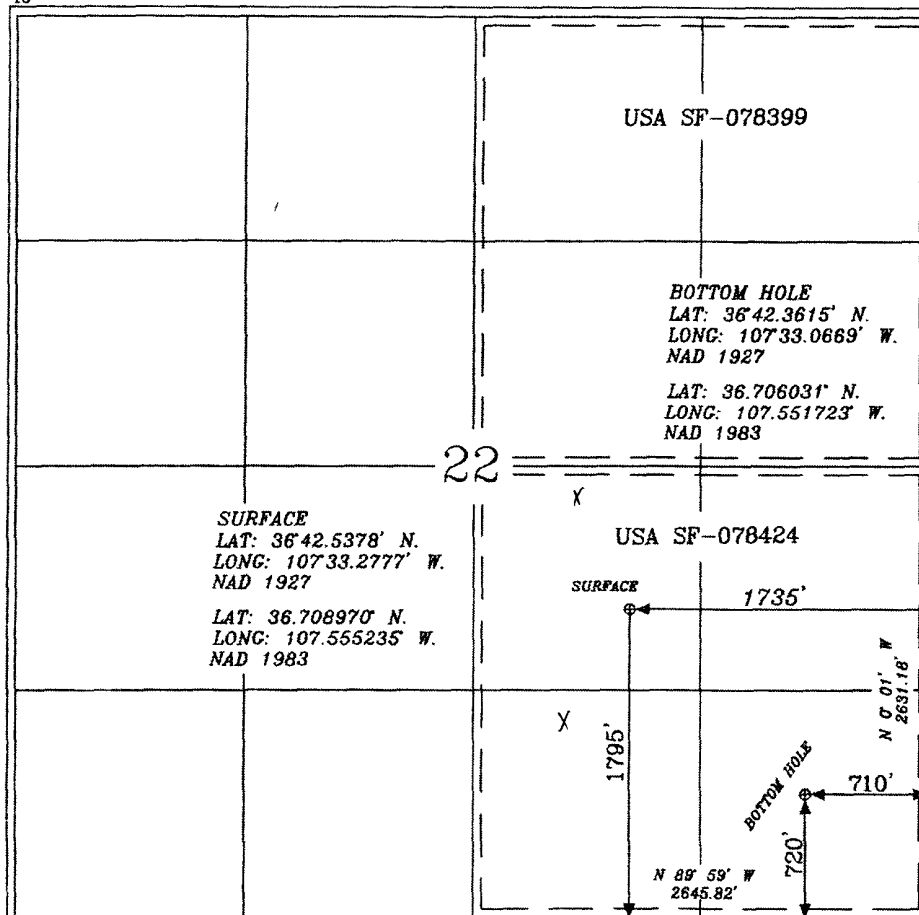
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	29-N	7-W		720'	SOUTH	710'	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00 (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

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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 of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Walker 4/4/08
Signature
Crystal Walker 4-4-08
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.

10-15807
Date of Survey
Signature *Gen W. Russell*
GEN W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

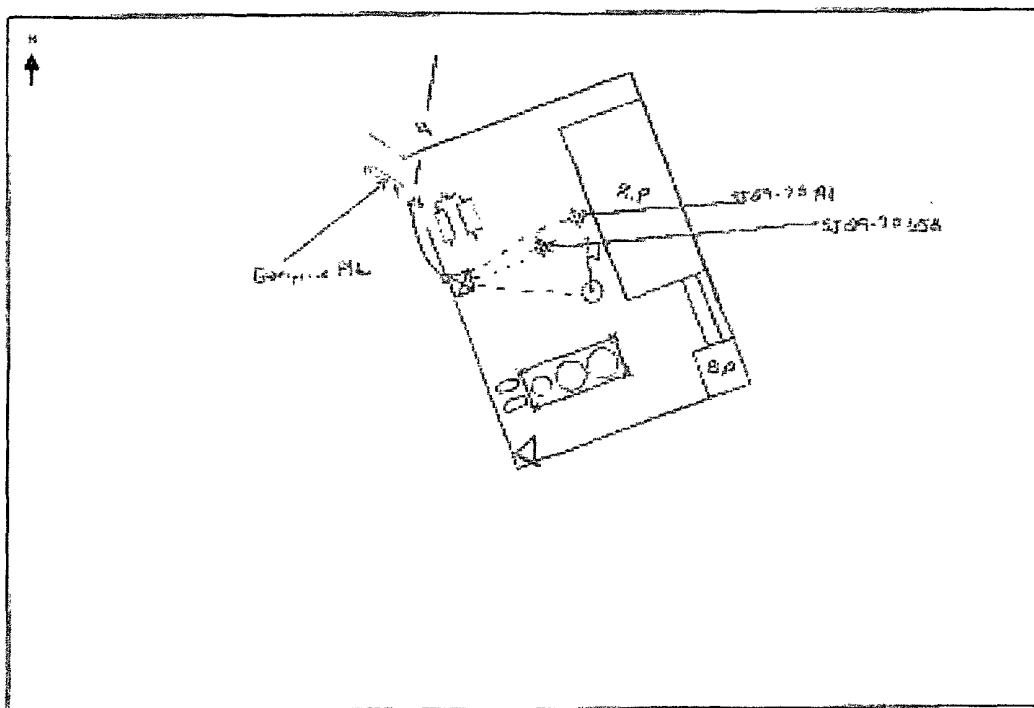


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME SF 29-7 #105M LEGALS J-22-29-7 COUNTY Bio. Acc. Co.

PURPOSED C.P. SYSTEM: Drill new SB well south of existing. Install existing rectifier. Check
output 1 TB at 15.5 amp from power source well in earth line. Check log's to be placed if needed



GROUND SYMBOL	WELL SYMBOL	RECTIFIER SYMBOL	POWER SOURCE SYMBOL	WELL SYMBOL	WELL SYMBOL	WELL SYMBOL

COMMENTS: $7.7 \times 1.9 \times 1.9 = 1.67 \text{ ohm SB}$

NEAREST POWER SOURCE Existing Rectifier SF 29-7 #105M DISTANCE: 2000 ft

PIPELINES IN AREA: None

TECHNICIAN: John H. Hodge

DATE: 11/11/07

6 CR 5412 BLOOMFIELD, N.J. 07413
OFFICE: 505-634-0271 CELL: 505-793-6953

LB

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 65M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7020				AFE \$:	
Field Name: hBR_SAN JUAN 29-7 UNIT		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Pippin, Eddie A		Phone: 505-326-9780		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Deviated							
Latitude: 36.708963		Longitude: -107.554628		X:	Y:	Section: 22	Range: 007W
Footage X: 1735 FEL		Footage Y: 1795 FSL		Elevation: 6794 (FT)		Township: 029N	
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Deviated							
Latitude: 36.706024		Longitude: -107.551116		X:	Y:	Section: 22	Range: 007W
Footage X: 710 FEL		Footage Y: 720 FSL		Elevation:		(FT) Township: 029N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6798 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6598	☐			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 188 cubic ft. Circulate cement to surface.	
OJAM	2673	4125	☐				
KRLD	2857	3941	☐				
FRLD	3181	3617	☐			Possible Gas	
PCCF	3573	3225	☐				
LEWS	3740	3058	☐				
Intermediate Casing	3040	2958	☐			8-3/4" hole. 7", 23 ppf, L-80, LTC casing. Cement with 1088 cubic ft. Circulate cement to surface.	
CHRA	4539	2259	☐				
UCLFH	5111	1687	☐			Gas	
MASSIVE CLIFF HOUSE	5296	1502	☐	614		Gas	
MENF	5415	1383	☐				
PTLK	5755	1043	☐				
MNCS	6015	783	☐				
GLLP	7010	-212	☐				
GRHN	7729	-931	☐				
GRRS	7785	-987	☐				
TWLS	7833	-1035	☐	2100		Gas	
CBRO	7948	-1150	☐				
CBRL	7978	-1180	☐				
ENCINAL	8044	-1246	☐			TD 52' below T/ENCN	
TOTAL DEPTH DK	8096	-1298	☐	2100		6-1/4" hole. 4-1/2", 11.6 ppf, L-80, LTC casing. Cement with 430 cubic ft. Circulate cement a minimum of 100' inside the previous casing string.	

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 29-7 UNIT 65M

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 29-7 #58A	NW 26-29N-7W
Production	SJ 29-7 #128	SW 27-29N-7W

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

TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
GR_CBL, Mudlogger 100' above GRHN to 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 29-7 #65M
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 6336.0ft (Original Well Elev)
Project:	La Plata County, CO	MD Reference:	WELL @ 6336.0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK wells	North Reference:	True
Well:	SJ 29-7 #65M	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 29-7 #65M		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,837.0	2,673.0	Ojo Alamo		0.00		
3,041.7	2,857.0	Kirtland		0.00		
3,402.0	3,181.0	Fruitland		0.00		
3,838.1	3,573.0	Pictured Cliffs		0.00		
4,022.9	3,740.0	Lewis		0.00		
4,843.6	4,539.0	Chacra		0.00		
5,415.6	5,111.0	Upper Cliffhouse		0.00		
5,600.6	5,296.0	Cliffhouse		0.00		
5,719.6	5,415.0	Menefee		0.00		
6,059.6	5,755.0	Pt Lookout		0.00		
6,319.6	6,015.0	Mancos		0.00		
7,314.6	7,010.0	Gallup		0.00		
8,033.6	7,729.0	Greenhorn		0.00		
8,089.6	7,785.0	Graneros		0.00		
8,137.6	7,833.0	Two Wells		0.00		
8,252.6	7,948.0	Upper Cubero		0.00		
8,282.6	7,978.0	Lower Cubero		0.00		
8,348.6	8,044.0	Encinal		0.00		
8,400.6	8,096.0	TD		0.00		

Directions from the Post Office
in Blanco, NM
to
Burlington Resources Oil & Gas Company LP
SAN JUAN 29-7 UNIT 65M
1795' FSL & 1735' FEL,
Section 22, T29N, R7W, N.M.P.M., Rio Arriba County,
New Mexico
LAT. 36.708970° N NAD 83
LONG. 107.555235° W NAD 83

From the Post Office in Blanco, NM
Take Highway 64 East for 8.5 miles

turn right (southerly) for 0.6 miles,
stay left @ y-intersection (southeasterly) for 1.0 miles,
turn left (northerly) for 0.3 miles,
turn right (easterly) along Ridge Road 6.1 miles,
turn left (northeasterly) for 1.0 miles,
turn right (westerly) 0.1 miles to the new well location,
twinning with the existing
well pads, San Juan 29-7 unit 65A & 191,