

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 26 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK ^{BLM Office and Management}
^{Farmington Field Office}

1a. Type of Work DRILL	5. Lease Number SF-079382 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 30-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit J(NWSE), 1410' FSL & 1785' FEL Bottomhole: Unit I(NESE), 2360' FSL & 910' FEL Surf: Latitude: 36.78024° N (NAD83) Longitude: 107.51939° W Bottomhole: Latitude: 36.78285° N (NAD83) Longitude: 107.51641° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 25, T30N, R7W API # 30-039-30809	
14. Distance in Miles from Nearest Town 13 miles/Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 275'		
16. Acres in Lease 2,080.00	17. Acres Assigned to Well MV/DK 320.0 (E/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 60' from San Juan 30-6 Unit 783 (NFE)		
19. Proposed Depth 7689'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6257' 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>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date <u>8/26/09</u>	

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

SEP 18 2009

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

NMOCD

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

NOTIFY AZTFC 24 HRS.
PRIOR TO CASING & CEMENT

Hold C104
for Directional survey
and "As Drilled" Plat

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis
Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30809	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT	*Well Number 129M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6257'

10 Surface Location

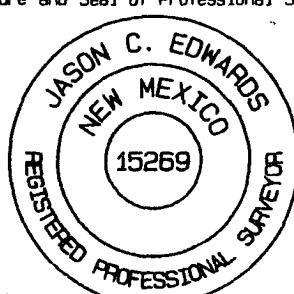
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	25	30N	7W		1410	SOUTH	1785	EAST	RIO ARriba

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
I	25	30N	7W		2360	SOUTH	910	EAST	RIO ARriba

12 Dedicated Acres	320.0 Acres - E/2 (MV)	13 Joint or Infill	14 Consolidation Code	15 Order No.
	320.0 Acres - E/2 (DK)			

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	5283.96' LEASE USA SF-079382 5280.00' SURFACE LOCATION LAT: 36°46.8140' N LONG: 107°31.1273' W DATUM: NAD1927 BOTTOM HOLE LAT: 36°46.9708' N LONG: 107°30.9482' W DATUM: NAD1927 LAT: 36.78024° N LONG: 107.51939° W DATUM: NAD1983 LAT: 36.78285° N LONG: 107.51641° W DATUM: NAD1983 25 1725' 1225' 850' 1410' 5270.76' 275' 910' 1785' 2360' 1291.7' N42°24.1E BOTTOM HOLE	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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Tracey N. Monroe</i> 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 Date of Survey: MARCH 3, 2009 Signature and Seal of Professional Surveyor  <i>JASON C. EDWARDS</i> Certificate Number 15269

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 129M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8526		AFE \$: 1,888,078.28	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Surface Datum Code: NAD 27

Latitude: 36.780234	Longitude: -107.518784	X:	Y:	Section: 25	Range: 007W
Footage X: 1785 FEL	Footage Y: 1410 FSL	Elevation: 6257	(FT)	Township: 030N	
Tolerance:					

Location: Bottom Hole Datum Code: NAD 27

Latitude: 36.782844	Longitude: -107.515804	X:	Y:	Section: 25	Range: 007W
Footage X: 910 FEL	Footage Y: 2360 FSL	Elevation:	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2010	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6273 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6073	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
NACIMIENTO	905	5368	☐			
OJO ALAMO	2224	4049	☐			
KIRTLAND	2335	3938	☐			
FRUITLAND	2753	3520	☐			Possible Gas
PICTURED CLIFFS	3187	3086	☐			
LEWIS	3311	2962	☐			
Intermediate Casing	3850	2423	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 932 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3889	2384	☐			
CHACRA	4219	2054	☐			Est. Top Perf - 4219 (2052)
UPPER CLIFF HOUSE	4823	1450	☐			Gas
MASSIVE CLIFF HOUSE	5041	1232	☐	358		Gas
MENEFEE	5097	1176	☐			
POINT LOOKOUT	5407	866	☐			
MANCOS	5746	527	☐			
UPPER GALLUP	6666	-393	☐			
GREENHORN	7377	-1104	☐			
GRANEROS	7433	-1160	☐			
TWO WELLS	7519	-1246	☐	3365		Gas
PAGUATE	7561	-1288	☐			
UPPER CUBERO	7577	-1304	☐			
LOWER CUBERO	7613	-1340	☐			Est. Btm Perf - 7672 (-1401) based on offset wells

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 129M

DEVELOPMENT

ENCINAL	7659	-1386	☐	TD - 30' below T/ENCN
Total Depth	7689	-1416	☐	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 524 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 30-6 129	30N 7W 25 NW SE SE
Production	SJ 30-6 96B	30N 7W 26 SE SE NE
Production	SJ 30-6 78-A	30N 7W 25 SE NW SE
Production	SJ 30-6 417	30N 7W 25 NW SE NE

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
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Cased Hole GR / CBL

Mudlog from 100' above top of GRHN to TD - mudlogger will call TD.

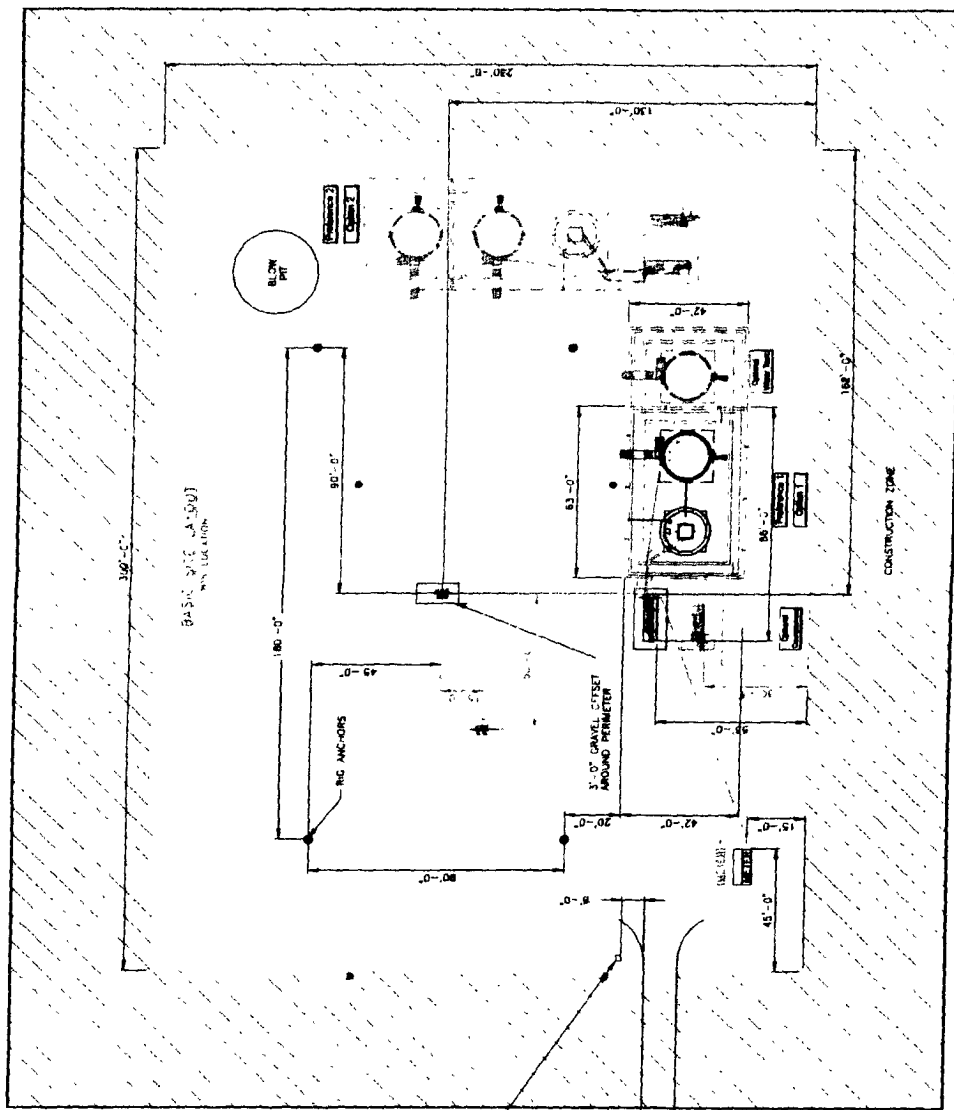
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #129M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6273.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6273.0ft (Original Well Elev)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #129M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
6,951.8	6,666.0	Upper Gallup		0.00		
7,846.8	7,561.0	Paguate		0.00		
5,692.8	5,407.0	Point Lookout		0.00		
2,363.1	2,224.0	Ojo		0.00		
7,804.8	7,519.0	Two Wells		0.00		
7,718.8	7,433.0	Graneros		0.00		
4,174.8	3,889.0	Huerfano Bentonite		0.00		
5,326.8	5,041.0	Mass Cliffhouse		0.00		
6,031.8	5,746.0	Mancos		0.00		
5,108.8	4,823.0	Upper Cliffhouse		0.00		
7,662.8	7,377.0	Greenhorn		0.00		
5,382.8	5,097.0	Menefee		0.00		
4,504.8	4,219.0	Chacra		0.00		
3,458.7	3,187.0	Pictured Cliffs		0.00		
2,972.2	2,753.0	Fruitland		0.00		
3,589.4	3,311.0	Lewis		0.00		
2,490.9	2,335.0	Kirtland		0.00		
909.1	905.0	Nacimiento		0.00		



- FLOW LINE 1
- SALES LINE
- PAT LINE
- OIL LINE

SEE SHEET 3 & 4 FOR PILING DETAILS.
ALL ANCHORING PILES TO BE BURIED A MIN. OF 3'-0\"/>

SHEET 1 OF 5

CONOCO PHILLIPS NG+ PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT										CONOCO PHILLIPS										SAN JUAN BUSINESS UNIT										HP 3PHASE-REV1									

Directions from the Intersection of US Hwy 550 & State Hwy 64 in Bloomfield, NM
to Burlington Resources Oil & Gas Company San Juan 30-6 Unit #129M
1410' FSL & 1785' FEL, Section 25, T30N, R7W, N.M.P.M., Rio Arriba County, NM

Latitude : 36.78024°N Longitude : 107.51939°W Datum : NAD1983

From the intersection of US Hwy 550 & State Hwy 64 in Bloomfield, NM, travel Easterly on State Hwy 64 for 24.0 miles to State Highway 539;

Go left (North-easterly) on State Highway 539 for 3.9 miles;

Go right (North-easterly) on DeLasso Loos Road for 6.8 miles to State Highway 527 (Sims Highway);

Go right (South-easterly) on State Highway 527 for 0.3 miles to fork in road;

Go right (Southerly) for 0.7 miles to fork in road;

Go left (South-easterly) for 0.5 miles to staked location on left-hand side of existing roadway which overlaps an existing wellpad.