

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 22 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA NM-03416 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 OIL CONS. DIV. San Juan 30-6 Unit DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #1M	
4. Location of Well Surf: Unit D (NWNW), 875' FNL & 705' FWL Bottom: Unit A (NENE), 875' FNL & 720' FEL Surf: Latitude 36.83195 N Longitude 107.45679 W Bottom: Latitude 36.83196 N Longitude 107.46166 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 10, T30N, R6W A Sec. 9, T30N, R6W API # 30-039-30625	
14. Distance in Miles from Nearest Town 45.1 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 875'	17. Acres Assigned to Well 320.00 Acres - (E/2) Sec. 9	
16. Acres in Lease 320.00		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 52' from San Juan 30-6 Unit 34N MV/DK		
19. Proposed Depth 7802' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6268' GR	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>12/16/08</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY J. M. Valdez

TITLE Acting AFM

DATE 3/24/09

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

aw

APR 01 2009

NMOC

Hold C104

for Directional Survey
and "As Drilled" plat

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87605

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

DEC 22 2008

☐ AMENDED REPORT

Bureau of Land Management

Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30025	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code A724999-XXX A728853	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 1M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6268

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
D	10	30-N	6-W		875	NORTH	705	WEST	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	9	30-N	6-W		875	NORTH	720	EAST	RIO ARRIBA

¹² Dedicated Acres 320 E/2 SEC. 9	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

18

FD. 2 1/2" BC. 1914/65 G.L.O. S 89-51-22 E 2640.05' (C)

FD. 2 1/2" BC. 1914/65 G.L.O. WITNESS CORNER

FD. 5/8" REBAR IN STONE MOUND N 89-59-46 E 2636.98' (C)

B.H. 720' 705'

USA NM 03416

N 00-04-58 E 2648.92' (C)

SURFACE:
LAT: 36.83195° N. (NAD 83)
LONG: 107.45679° W. (NAD 83)
LAT: 36°49.9172' N. (NAD 27)
LONG: 107°27.4075' W. (NAD 27)

FD. 2 1/2" BC. 1914/65 G.L.O.

LOT 3 29.48 AC.

LOT 4 22.40 AC.

TRACT 38 H.E. #016973

BOTTOM HOLE:
LAT: 36.83196° N. (NAD 83)
LONG: 107.46166° W. (NAD 83)
LAT: 36°49.9173' N. (NAD 27)
LONG: 107°27.6990' W. (NAD 27)

PRELIMINARY B.H.L.
B.H.L. FOOTAGES ARE APPROXIMATE
AND PROVIDED BY B.R.O.G. CLIENT

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.

Crystal Walker 2/20/08
Signature Date
Crystal Walker 2-20-08
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.

FEBRUARY 2008
Date of Survey
Signature and Seal of Professional Surveyor:
022458
REGISTERED PROFESSIONAL LAND SURVEYOR
8894
Certificate Number

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO7.MA

WELL NAME

SAN JUAN 30 - 6 # 1 M

DATE

2/29/2008

DUAL WELL

WELL NAME

30-6 # 34 N

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

D 10

30 N

6 W

36 49.9087 N

107 27.4062 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

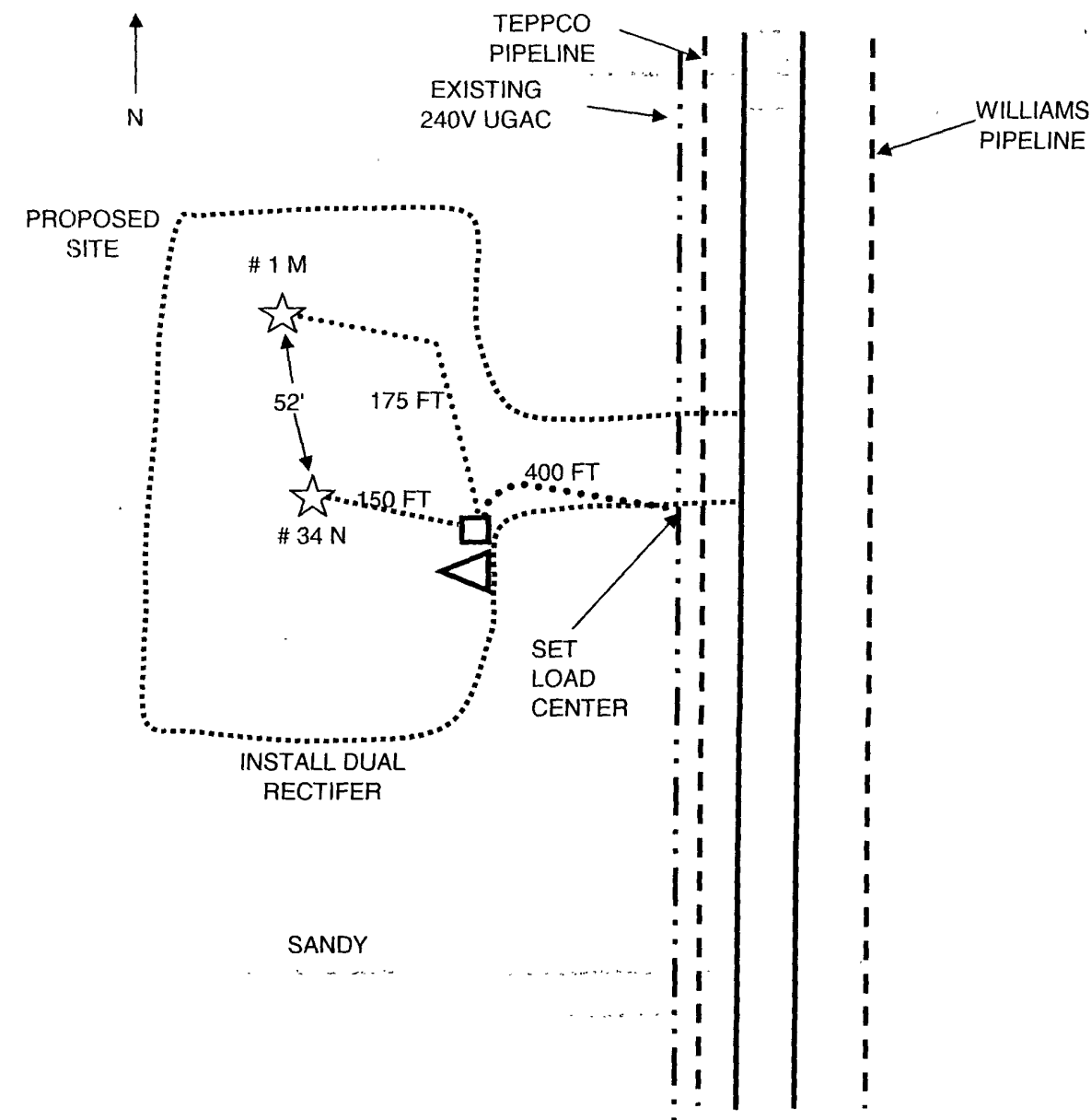
SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
40/16	X			
	X			
# 8	150'			
# 8	400 FT			
			JEMEZ	
			1 1/4 MILE	

COMMENTS

SEE SKETCH ON 30-6 # 34 N

INSTALL DUAL RECTIFIER SYSTEM - SANDY SOIL

WELL NAME
SAN JUAN 30 - 6 # 1 M



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

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 1M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7483		AFE \$:	
Field Name: hBR_SAN JUAN		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:	
				Phone:	

Primary Objective (Zones):

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

Location: Surface Datum Code: NAD 27

Latitude: 36.831944	Longitude: -107.456186	X:	Y:	Section: 10	Range: 006W
Footage X: 705 FWL	Footage Y: 875 FNL	Elevation: 6268	(FT)	Township: 030N	

Tolerance:

Location: Bottom Hole Datum Code: NAD 27

Latitude: 36.831954	Longitude: -107.461056	X:	Y:	Section: 09	Range: 006W
Footage X: 720 FEL	Footage Y: 875 FNL	Elevation:	(FT)	Township: 030N	

Tolerance:

Location Type: Restricted Start Date (Est.): 1/1/2009 Completion Date: Date In Operation:

Formation Data: Assume KB = 6280 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6080	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
OJO ALAMO	2340	3940	☐			
KIRTLAND	2425	3855	☐			
FRUITLAND	2805	3475	☐			Possible Gas
PICTURED CLIFFS	3240	3040	☐			
LEWIS	3410	2870	☐			
HUERFANITO BENTONITE	3937	2343	☐			
CHACRA	4329	1951	☐			
Intermediate Casing	4450	1830	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1066 cuft. Circulate cement to surface.
UPPER CLIFF HOUSE	4845	1435	☐			Gas
MASSIVE CLIFF HOUSE	5163	1117	☐	420		Gas
MENEFEE	5189	1091	☐			
POINT LOOKOUT	5478	802	☐			
MANCOS	5875	405	☐			
UPPER GALLUP	6743	-463	☐			
GREENHORN	7465	-1185	☐			
GRANEROS	7514	-1234	☐			
TWO WELLS	7622	-1342	☐	2100		Gas
UPPER CUBERO	7647	-1367	☐			
LOWER CUBERO	7683	-1403	☐			
ENCINAL	7745	-1465	☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 1M

DEVELOPMENT

Total Depth	7802	-1522	☐	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 459 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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Reference Wells:		
Reference Type	Well Name	Comments

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
Est TD ~57 below T/Encn. Mud loggers will call TD. Mud log from ~100' above the top of the Greenhorn to TD.	

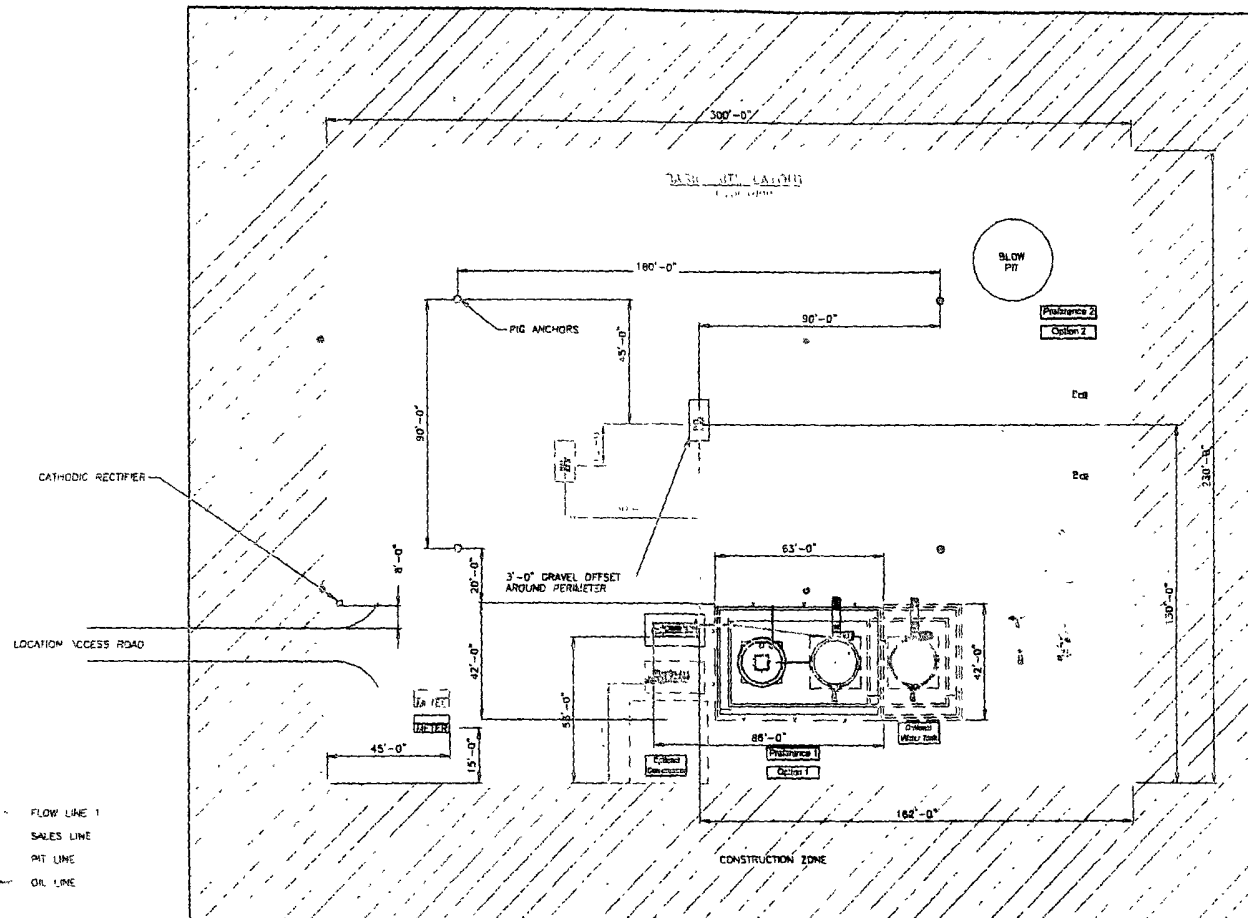
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #1M
Company:	ConocoPhillips SJBU	TVD Reference:	Genenc KB @ 6283.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	Generic KB @ 6283 0ft (Original Well Elev)
Site:	San Juan 30 Wells	North Reference:	Grid
Well:	SJ 30-6 #1M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,461 3	2,340 0	Ojo		0 00		
2,554 9	2,425 0	Kirtland		0 00		
2,973 4	2,805 0	Fruitland		0 00		
3,452 5	3,240 0	Pictured Cliffs		0 00		
3,639.7	3,410 0	Lewis		0 00		
4,210 1	3,937 0	Huerfanto Bentonite		0 00		
4,608 4	4,329 0	Chacra		0 00		
5,124 5	4,845.0	Upper Cliffhouse		0 00		
5,442 5	5,163.0	Mass Cliffhouse		0 00		
5,468 5	5,189 0	Menefee		0 00		
5,757 5	5,478 0	Point Lookout		0 00		
6,154 5	5,875 0	Mancos		0 00		
7,022 5	6,743 0	Upper Gallup		0 00		
7,744 5	7,465 0	Greenhorn		0 00		
7,793 5	7,514 0	Graneros		0 00		
7,901 5	7,622 0	Two Wells		0 00		
7,926 5	7,647 0	Upper cubero		0 00		
7,962 5	7,683 0	Lower Cubero		0 00		
8,024 5	7,745 0	Encinal		0 00		



SEE SHEET 2 OF 5 FOR Piping DETAILS
ALL UTILITY/GROUND PIPING IS TO BE COVERED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

ENGINEERING REVIEW										REFERENCE DRAWINGS		CONOCOPHILLIPS		
NO.	DATE	BY	CHKD	APP'D	REV	DESCRIPTION	NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
1							1				1			
2							2				2			
3							3				3			
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SAN JUAN BUSINESS UNIT

CONOCOPHILLIPS
HIGH PRESSURE 3 PHASE
FACILITY DIAGRAM- SITE LAYOUT

CLIENT: HP3PHASE-REV1
DATE: 8/2/2001
SHEET: 1 OF 5

**Directions from the post office in Blanco, New Mexico, to the
Burlington Resources Oil & Gas Company LP**

San Juan 30-6 Unit #1M well location

**875' FNL 705' FWL Section 10, T30N R6W, NMPM, in Rio Arriba County,
New Mexico**

From the post office in Blanco, New Mexico (Lat. 36.72361° N, Long. 107.82806° W):

Travel east on Hwy 64 28.7 mi to Hwy 527 (Simms Mesa Road; Lat. 36.70194° N, Long. 107.38056° W).

Turn left on Hwy 527 and travel northwesterly 8.0 mi to the Rosa Road (Lat. 36.77167° N, Long. 107.46722° W).

Turn right on the Rosa Road and travel northerly and northeasterly 6.7 mi, across La Jara Wash to a large pigging facility on the top of the hill (Lat. 36.83222° N, 107.43000° W).

Turn left immediately past the pigging facility and travel northwesterly and westerly 1.6 mi to the new access on the right (north) side of the road (Lat. 36.83250° N, Long. 107.45556° W).

The new access continues westerly 371' to the new location (Lat. 36.83195° N, Long. 107.45679° W).

This well is twinned with the proposed San Juan 30-6 Unit #34N well.