

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 10 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number SF-080713 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	
4. Location of Well Surf: Unit N (SESW), 960' FSL & 1980' FWL Surf: Latitude: 36.822504° N (NAD83) Longitude: 107.416454° W	9. Well Number 40M	
10. Field, Pool, Wildcat Basin DK/Blanco MV	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 12, T30N, R6W API # 30-039-30767	
14. Distance in Miles from Nearest Town 53 miles/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 960'	17. Acres Assigned to Well MV/DK 297.64 (W/2) 320	
16. Acres in Lease 912.880	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 976' from San Juan 30-6 Unit 40X (MV)	22. Approx. Date Work will Start	
19. Proposed Depth 7737'	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	
21. Elevations (DF, FT, GR, Etc.) 6213' GL	DATE 5/18/2009	
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

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

JUN 10 2009

NMOCD

Online operations authorized and subject to compliance with attached "General Requirements".

Bureau of Land Management
Farmington Field Office

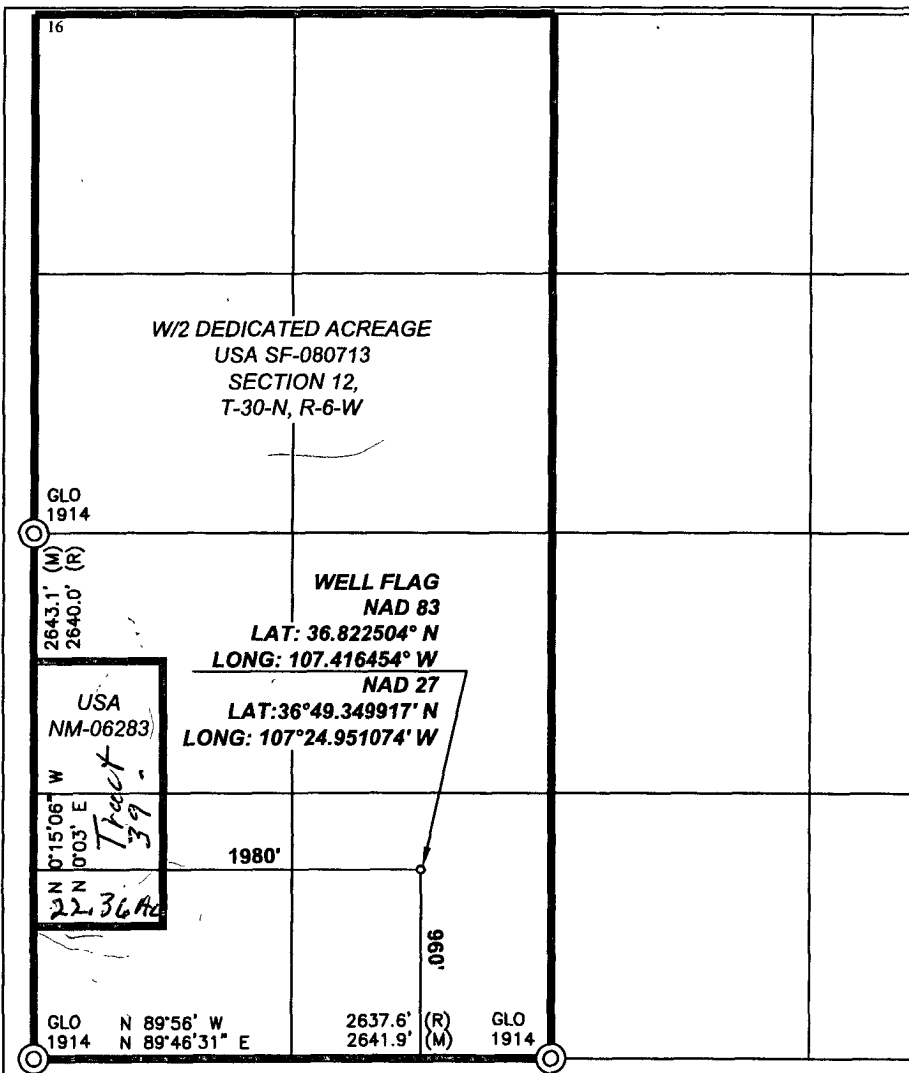
☐ AMMENDED REPORT

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
N	12	30-N	6-W		960	SOUTH	1980	WEST	RIO ARRIBA

[illegible]

320

W/2 DEDICATED ACREAGE
USA SF-080713
SECTION 12,
T-30-N, R-6-W



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.

James Pacheco
Signature

James Gardenhire
Printed Name

Regulatory Technician
Title and E-mail Address

10/13/08
Date

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: 9/2/08

Signature and Seal of Professional Surveyor



Certificate Number: NM 11393

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 40M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8342		AFE \$: 1,319,806.41	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 281		State: NM	County: RIO ARRIBA
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:					
Latitude: 36.822498		Longitude: -107.415851		X:	Y:
Footage X: 1980 FWL		Footage Y: 960 FSL		Elevation: 6213 (FT)	Section: 12
Tolerance:		Range: 006W			
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:	Date In Operation:
Formation Data: Assume KB = 6225		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6025	<input type="checkbox"/>		
OJO ALAMO	2279	3946	<input type="checkbox"/>		
KIRTLAND	2391	3834	<input type="checkbox"/>		
FRUITLAND	2710	3515	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3152	3073	<input type="checkbox"/>		
LEWIS	3245	2980	<input type="checkbox"/>		
Intermediate Casing	3345	2880	<input type="checkbox"/>		
HUERFANITO BENTONITE	3888	2337	<input type="checkbox"/>		
CHACRA	4271	1954	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	5099	1126	<input type="checkbox"/>	478	Gas
MENEFEE	5139	1086	<input type="checkbox"/>		
POINT LOOKOUT	5397	828	<input type="checkbox"/>		
MANCOS	5755	470	<input type="checkbox"/>		
UPPER GALLUP	6695	-470	<input type="checkbox"/>		
GREENHORN	7413	-1188	<input type="checkbox"/>		
GRANEROS	7465	-1240	<input type="checkbox"/>		
TWO WELLS	7579	-1354	<input type="checkbox"/>	3376	Gas
UPPER CUBERO	7593	-1368	<input type="checkbox"/>		
LOWER CUBERO	7635	-1410	<input type="checkbox"/>		
ENCINAL	7707	-1482	<input type="checkbox"/>		
Total Depth	7737	-1512	<input type="checkbox"/>		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.					
8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 754 cuft. Circulate cement to surface.					
6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 598 cuft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 40M

DEVELOPMENT

Logging Program:

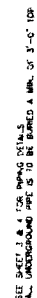
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Est bottom perf ~20' above the est TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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5 JC - 13345

ConocoPhillips

CONCOPHILLIPS
HIGH PRESSURE 3 PHASE
FACILITY DIAGRAM - SITE LAYOUT

SAN JUAN BUSINESS UNIT

HP3PHASE-REV1

CLIENT NAME	ADDRESS	CITY	STATE	ZIP
JOHN DOE	123 MAIN ST	ANYTOWN	CA	90210
JANE SMITH	456 ELM ST	ANYTOWN	CA	90210
BOB JONES	789 PINE ST	ANYTOWN	CA	90210
ALICE BROWN	101 OAK ST	ANYTOWN	CA	90210
CHARLIE WHITE	202 BIRCH ST	ANYTOWN	CA	90210
DAVID GREEN	303 SAGE ST	ANYTOWN	CA	90210
EVE BLACK	404 CYPRESS ST	ANYTOWN	CA	90210
FRANK GRAY	505 HICKORY ST	ANYTOWN	CA	90210
GRACE HARRIS	606 WALNUT ST	ANYTOWN	CA	90210
HERB LYNN	707 CHERRY ST	ANYTOWN	CA	90210
IRIS PERKINS	808 PLUM ST	ANYTOWN	CA	90210
JACK ROSS	909 PEACH ST	ANYTOWN	CA	90210
JILL SCOTT	1010 APRicot ST	ANYTOWN	CA	90210
JOHN TAYLOR	1111 MANGO ST	ANYTOWN	CA	90210
JANE WALKER	1212 LEMON ST	ANYTOWN	CA	90210
JOHN YOUNG	1313 ORANGE ST	ANYTOWN	CA	90210
JANE ZIMMERMAN	1414 LIME ST	ANYTOWN	CA	90210
JOHN ADAMS	1515 COCOA ST	ANYTOWN	CA	90210
JANE BAKER	1616 BUTTER ST	ANYTOWN	CA	90210
JOHN CAMPBELL	1717 SUGAR ST	ANYTOWN	CA	90210
JANE COOPER	1818 HONEY ST	ANYTOWN	CA	90210
JOHN EVANS	1919 ICE CREAM ST	ANYTOWN	CA	90210
JANE FOSTER	2020 CUPCAKE ST	ANYTOWN	CA	90210
JOHN GARCIA	2121 DONUT ST	ANYTOWN	CA	90210
JANE HILL	2222 CAKE ST	ANYTOWN	CA	90210
JOHN KING	2323 PASTRY ST	ANYTOWN	CA	90210
JANE LEE	2424 BREAD ST	ANYTOWN	CA	90210
JOHN MURPHY	2525 RICE ST	ANYTOWN	CA	90210
JANE NELSON	2626 CORN ST	ANYTOWN	CA	90210
JOHN OLIVER	2727 BEAN ST	ANYTOWN	CA	90210
JANE PETERSON	2828 POTATO ST	ANYTOWN	CA	90210
JOHN ROBERTS	2929 CARROT ST	ANYTOWN	CA	90210
JANE SIMMONS	3030 CUCUMBER ST	ANYTOWN	CA	90210
JOHN TUCKER	3131 PEA ST	ANYTOWN	CA	90210
JANE VAUGHAN	3232 ONION ST	ANYTOWN	CA	90210
JOHN WATSON	3333 GARLIC ST	ANYTOWN	CA	90210
JANE WYATT	3434 HERB ST	ANYTOWN	CA	90210
JOHN YOUNG	3535 SPICE ST	ANYTOWN	CA	90210
JANE ZIMMERMAN	3636 SALT ST	ANYTOWN	CA	90210
JOHN ADAMS	3737 PEPPER ST	ANYTOWN	CA	90210
JANE BAKER	3838 BUTTER ST	ANYTOWN	CA	90210
JOHN CAMPBELL	3939 SUGAR ST	ANYTOWN	CA	90210
JANE COOPER	4040 HONEY ST	ANYTOWN	CA	90210
JOHN EVANS	4141 ICE CREAM ST	ANYTOWN	CA	90210
JANE FOSTER	4242 CUPCAKE ST	ANYTOWN	CA	90210
JOHN GARCIA	4343 DONUT ST	ANYTOWN	CA	90210
JANE HILL	4444 CAKE ST	ANYTOWN	CA	90210
JOHN KING	4545 PASTRY ST	ANYTOWN	CA	90210
JANE LEE	4646 BREAD ST	ANYTOWN	CA	90210
JOHN MURPHY	4747 RICE ST	ANYTOWN	CA	90210
JANE NELSON	4848 CORN ST	ANYTOWN	CA	90210
JOHN OLIVER	4949 BEAN ST	ANYTOWN	CA	90210
JANE PETERSON	5050 POTATO ST	ANYTOWN	CA	90210
JOHN ROBERTS	5151 CARROT ST	ANYTOWN	CA	90210
JANE SIMMONS	5252 CUCUMBER ST	ANYTOWN	CA	90210
JOHN TUCKER	5353 PEA ST	ANYTOWN	CA	90210
JANE VAUGHAN	5454 ONION ST	ANYTOWN	CA	90210
JOHN WATSON	5555 GARLIC ST	ANYTOWN	CA	90210
JANE WYATT	5656 HERB ST	ANYTOWN	CA	90210
JOHN YOUNG	5757 SPICE ST	ANYTOWN	CA	90210
JANE ZIMMERMAN	5858 SALT ST	ANYTOWN	CA	90210
JOHN ADAMS	5959 PEPPER ST	ANYTOWN	CA	90210
JANE BAKER	6060 BUTTER ST	ANYTOWN	CA	90210
JOHN CAMPBELL	6161 SUGAR ST	ANYTOWN	CA	90210
JANE COOPER	6262 HONEY ST	ANYTOWN	CA	90210
JOHN EVANS	6363 ICE CREAM ST	ANYTOWN	CA	90210
JANE FOSTER	6464 CUPCAKE ST	ANYTOWN	CA	90210
JOHN GARCIA	6565 DONUT ST	ANYTOWN	CA	90210
JANE HILL	6666 CAKE ST	ANYTOWN	CA	90210
JOHN KING	6767 PASTRY ST	ANYTOWN	CA	90210
JANE LEE	6868 BREAD ST	ANYTOWN		

STALL, NONE	CHLORON D
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HP3PHASE-REV1

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 30-6 UNIT #40M

960' FSL, 1980' FWL

SECTION 12, T-30-N, R-6-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.822504°N LONG.: 107.416454°W

ELEV.: 6213 NAVD88

NEW ACCESS 137.2'

**FROM THE INTERSECTION OF HWY. 550 AND HWY. 64 IN
BLOOMFIELD, N.M.:**

- **GO 37.7 MI. EAST ON HWY. 64 (MILE MARKER 102.3) TURN LEFT (NORTH) ON HWY. 527, AKA SIMMS MARINA ROAD.**
- **GO 8.0 MI. NORTH ON HWY. 527. TURN RIGHT ONTO ROSA ROAD.**
- **GO 6.4 MI. ALONG ROSA ROAD, CROSSING LA JARA WASH. TURN RIGHT (EASTERLY) AT BLM / FOREST SERVICE WARNING SIGN.**
- **GO 1.2 MI. CROSSING LA FRAGUA WASH, STAYING ON MAIN ROAD. THE 137 FT. NEW ACCESS IS STAKED ON THE LEFT (EAST) SIDE OF ROAD.**