

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APR 07 2009

1a. Type of Work DRILL	5. Lease Number NM-02151-B Bureau of Land Management Farmington Field Office 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 RCVD APR 23 '09 OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit G (SWNE), 2383' FNL & 1512' FEL Bottomhole: Unit G (SWNE), 2540' FNL & 1975' FEL Surf: Latitude: 36.76987° N (NAD83) Longitude: 107.57247° W Bottomhole: Latitude: 36.76944° N (NAD83) Longitude: 107.57405° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) 6 Sec. 33, T30N, R7W API # 30-039-30745	
14. Distance in Miles from Nearest Town 20 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 665'		
16. Acres in Lease 640.00	17. Acres Assigned to Well MV/DK 320.00 (E/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 100' from San Juan 30-6 Unit 141 (PC)		
19. Proposed Depth 7689'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6304' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	BLM'S APPROVAL OR ACCEPTANCE OF THIS OPERATION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS.	

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.

APPROVED BY

D. Monke TITLE

APPROVAL DATE

AFM

DATE

4/21/09

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

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.2
and appeal pursuant to 43 CFR 3165.4

Hold C104

for Directional Survey
and "As Drilled" plan

NMOC

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

Drilling operations authorized are
subject to compliance with attached
"General Requirements".

APR 29 2009

OW

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

APR 08 2008
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Bureau of Land Management
Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-30745		Pool Code 71599/72319	Pool Name BASIN DAKOTA/BLANCO MESAVERDE
Property Code 7469	Property Name SAN JUAN 30-6 UNIT		Well Number 92 N
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		Elevation 6304'

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
G	33	30N	7W		2383'	NORTH	1512'	EAST	RIO ARriba

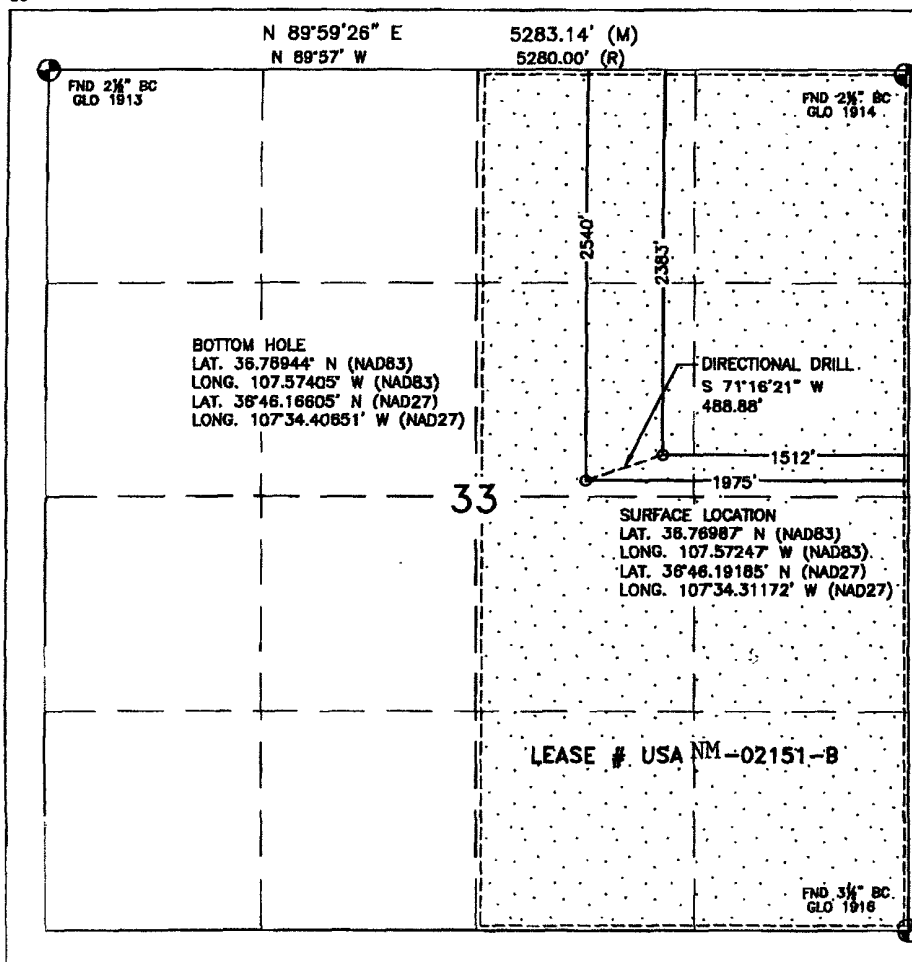
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	33	30N	7W		2540'	NORTH	1975'	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.

Signature: Crystal Tafoya
Date: 8/20/08

Printed Name: Crystal Tafoya 8-20-08

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.

JULY 21, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

Signature: David A. Russell
Seal: DAVID A. RUSSELL, NEW MEXICO, REGISTERED PROFESSIONAL LAND SURVEYOR, 10201

DAVID RUSSELL

Certificate Number: 10201

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PD08.U7		
SAN JUAN 30 - 6 # 92 N	DATE	8/11/2008
WELL NAME	SAN JUAN 30 - 6 # 92 M	
WELL NAME	SAN JUAM 30 - 6 # 141	

COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	G 33	30 N	7 W	36.76987 N	107.57247 W

COUNTY

RIO ARRIBA

	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
RECTIFIER	40/20	X			
SOLAR					
GROUND BED		X			
240 V METER POLE					
480 V METER POLE					
D C CABLES	# 8	700'			
A C CABLES	# 8	250'			
PRIMARY POWER				CITY OF FMN	
DISTANCE TO POWER				.6 MILES	
UNDERGROUND					
PUMPJACK					
WATER PUMP					

COMMENTS

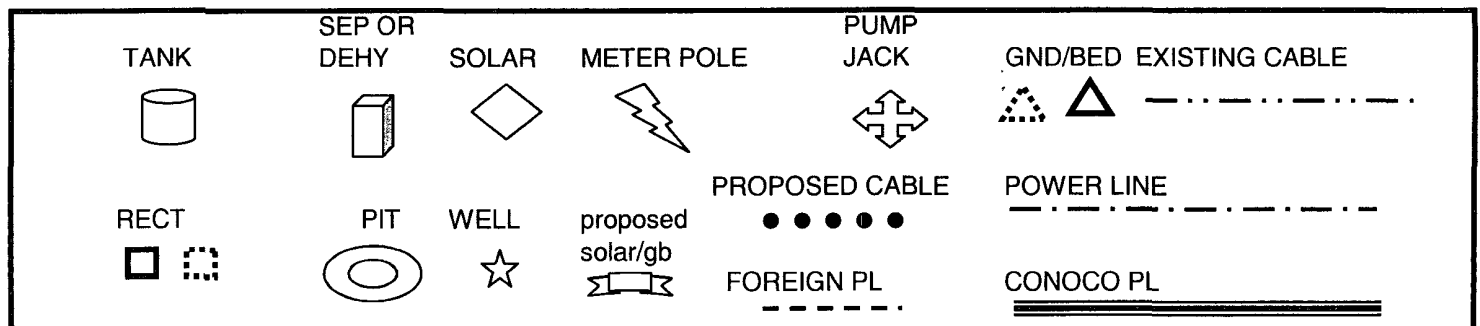
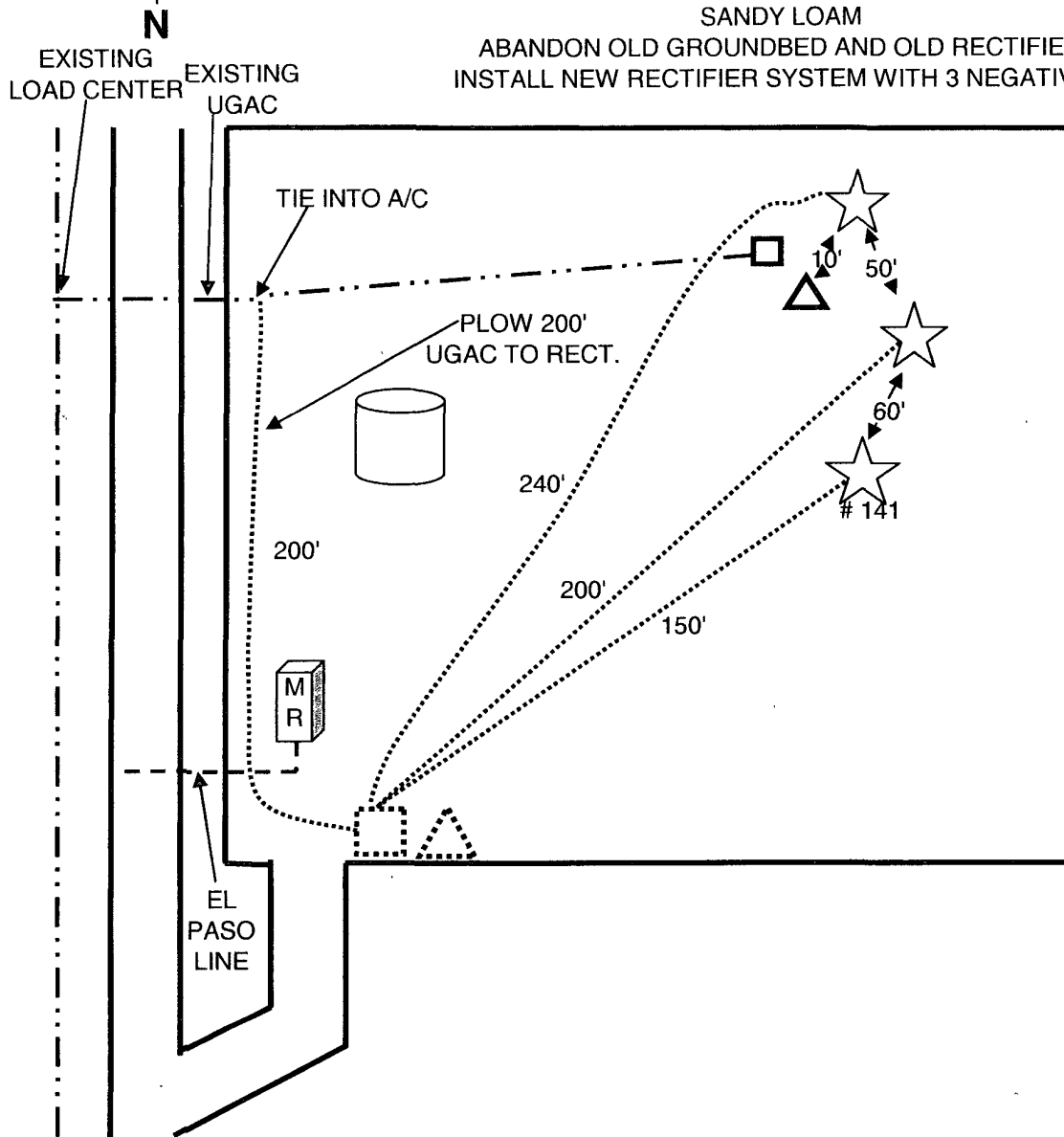
1 PHASE CITY OF FMN PRIMARY .6 MILES
SANDY LOAM
ABANDON OLD GROUND BED AND OLD RECTIFIER
INSTALL NEW RECTIFIER SYSTEM W 3 NEGATIVES
PLOW 200' UGAC TO RECTIFIER

WELL NAME

SAN JUAN 30 - 6 # 92 N

1 PHASE CITY OF FMN PRIMARY .6 MILES
SANDY LOAM

ABANDON OLD GROUND BED AND OLD RECTIFIER
INSTALL NEW RECTIFIER SYSTEM WITH 3 NEGATIVES



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 92N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8289				AFE \$: 1,617,847.54	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 730		State: NM	County: RIO ARRIBA		API #:
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: Surface Datum Code: NAD 27							
Latitude: 36.769864		Longitude: -107.571862		X:	Y:	Section: 33	Range: 007W
Footage X: 1512 FEL		Footage Y: 2383 FNL		Elevation: 6304 (FT)		Township: 030N	
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27							
Latitude: 36.769434		Longitude: -107.573442		X:	Y:	Section: 33	Range: 007W
Footage X: 1975 FEL		Footage Y: 2540 FNL		Elevation: (FT)		Township: 030N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6320 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6120	☐			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	2236	4084	☐				
KIRTLAND	2334	3986	☐				
FRUITLAND	2719	3601	☐			Possible Gas	
PICTURED CLIFFS	3182	3138	☐				
LEWIS	3296	3024	☐				
Intermediate Casing	3396	2924	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 781 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3897	2423	☐				
CHACRA	4186	2134	☐			Est. Top Perf - 4186 (2134)	
UPPER CLIFF HOUSE	4873	1447	☐			Gas	
MASSIVE CLIFF HOUSE	4918	1402	☐	374		Gas	
MENEFEE	5021	1299	☐				
POINT LOOKOUT	5346	974	☐				
MANCOS	5735	585	☐				
UPPER GALLUP	6525	-205	☐				
GREENHORN	7361	-1041	☐				
GRANEROS	7411	-1091	☐				
TWO WELLS	7479	-1159	☐	3300		Gas	
PAGUATE	7552	-1232	☐				
UPPER CUBERO	7565	-1245	☐				
LOWER CUBERO	7594	-1274	☐			Est. Btm Perf - 7674 (-1354) based on offset wells	
ENCINAL	7632	-1312	☐				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 92N

DEVELOPMENT

Total Depth	7689	-1369	☐	TD - 95' below T/CBRL 6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC/LTC casing. Cement w/ 584 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 30-6 141	30N-7W 33
Production	Whitley 2-B	30N-7W 33
Production	SJ 30-6 99B	30N-7W 34
Production	SJ 30-6 93B	30N-7W 33

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

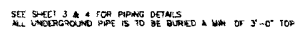
TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
Cased Hole GR / CBL	
Mudlog from 100' above Greenhorn to TD - mudlogger will call TD	

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 #92N
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6319.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6319.0ft (Original Well Elev)
Site:	San Juan 30 Wells	North Reference:	Grid
Well:	SJ 30-6 #92N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,256.6	2,236.0	Ojo		0.00		
2,361.6	2,334.0	Kirtland		0.00		
2,775.4	2,719.0	Fruitland		0.00		
3,253.0	3,182.0	Pictured Cliffs		0.00		
3,367.4	3,296.0	Lewis		0.00		
3,968.5	3,897.0	Huerfano Bentonite		0.00		
4,257.5	4,186.0	Chacara		0.00		
4,944.5	4,873.0	Upper Cliffhouse		0.00		
4,989.5	4,918.0	Mass. Cliffhouse		0.00		
5,092.5	5,021.0	Menefee		0.00		
5,417.5	5,346.0	Point Lookout		0.00		
5,806.5	5,735.0	Mancos		0.00		
6,596.5	6,525.0	Upper Gallup		0.00		
7,432.5	7,361.0	Greenhorn		0.00		
7,482.5	7,411.0	Graneros		0.00		
7,550.5	7,479.0	Two Wells		0.00		
7,623.5	7,552.0	Paguate		0.00		
7,636.5	7,565.0	Upper Cubero		0.00		
7,665.5	7,594.0	Lower Cubero		0.00		
7,703.5	7,632.0	Encinal		0.00		



SHEET : OF 5

[illegible]

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BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 30-6 UNIT #92 N

2383' FNL & 1512' FEL

LOCATED IN THE SW/4 NE/4 OF SECTION 33,

T30N, R7W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 64 & HWY 539 IN NAVAJO CITY, NM , GO NORTHERLY ON HWY 539 FOR 2.15 MILES.
- 2) CROSS WASH & TURN RIGHT & GO 2.1 MILES.
- 3) TURN RIGHT & GO 1.65 MILES.
- 4) TURN LEFT & GO 0.55 MILES.
- 5) TURN RIGHT TO EXISTING LOCATION, WHERE IT IS TWINNED.

WELL FLAG LOCATED AT LAT. 36.76987°N, LONG.107.57247°W (NAD 83).

JOB No.: COPC210
DATE: 08/01/08



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637