

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 14 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Bureau of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number NM-4456 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 RCVD JUN 17 '09 OIL CONS. DIV.	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Cat Draw Com 9. Well Number 1M	
4. Location of Well Surf: Unit J(NWSE), 2365' FSL & 1885' FEL Surf: Latitude: 36.840957° N (NAD83) Longitude: 107.360146° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) J Sec. 4, T30N, R5W API # 30-039-30766	
14. Distance in Miles from Nearest Town 49 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1885'	17. Acres Assigned to Well MV/DK 319.13 (E/2)	
16. Acres in Lease 558.760		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 450' from Cat Draw Com 101		
19. Proposed Depth 8040'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6476' 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>5/14/2009</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

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

JUN 19 2009

NMOC

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

PC

DISTRICT I
1625 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

RECEIVED

Form C-102
Revised October 12, 2005

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

¹ API Number 30-039-30766	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 25880	⁵ Property Name CAT DRAW COM	⁶ Well Number 1M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS CO LP	⁹ Elevation 6476'

¹⁰ Surface Location

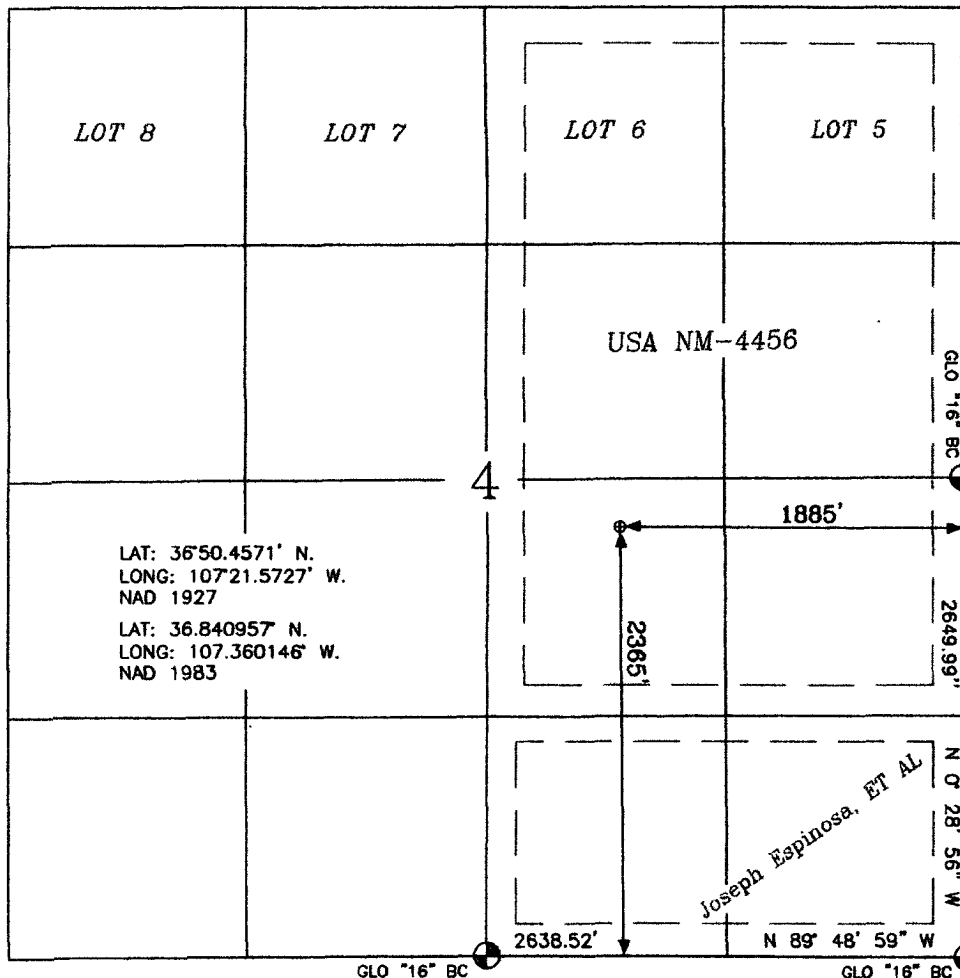
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	4	30-N	5-W		2365'	SOUTH	1885'	EAST	RIO ARRIBA

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
J									
¹² Dedicated Acres DK 319.13 ACRE E/2 MV 319.13 ACRE E/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

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 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 Tafoya 5/28/08
Signature

Crystal Tafoya 5-28-08
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.

5-28-08
Date of Survey

Signature

GLEN W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR

Certificate Number

15703

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES	
WAN.RFE.PD08.93	
CAT DRAW COM # 1 M	DATE 6/23/2008
WELL NAME	
WELL NAME	

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
J 4	30 N	5 W	36.840957 N	107.360146 W

COUNTY

RIO ARRIBA

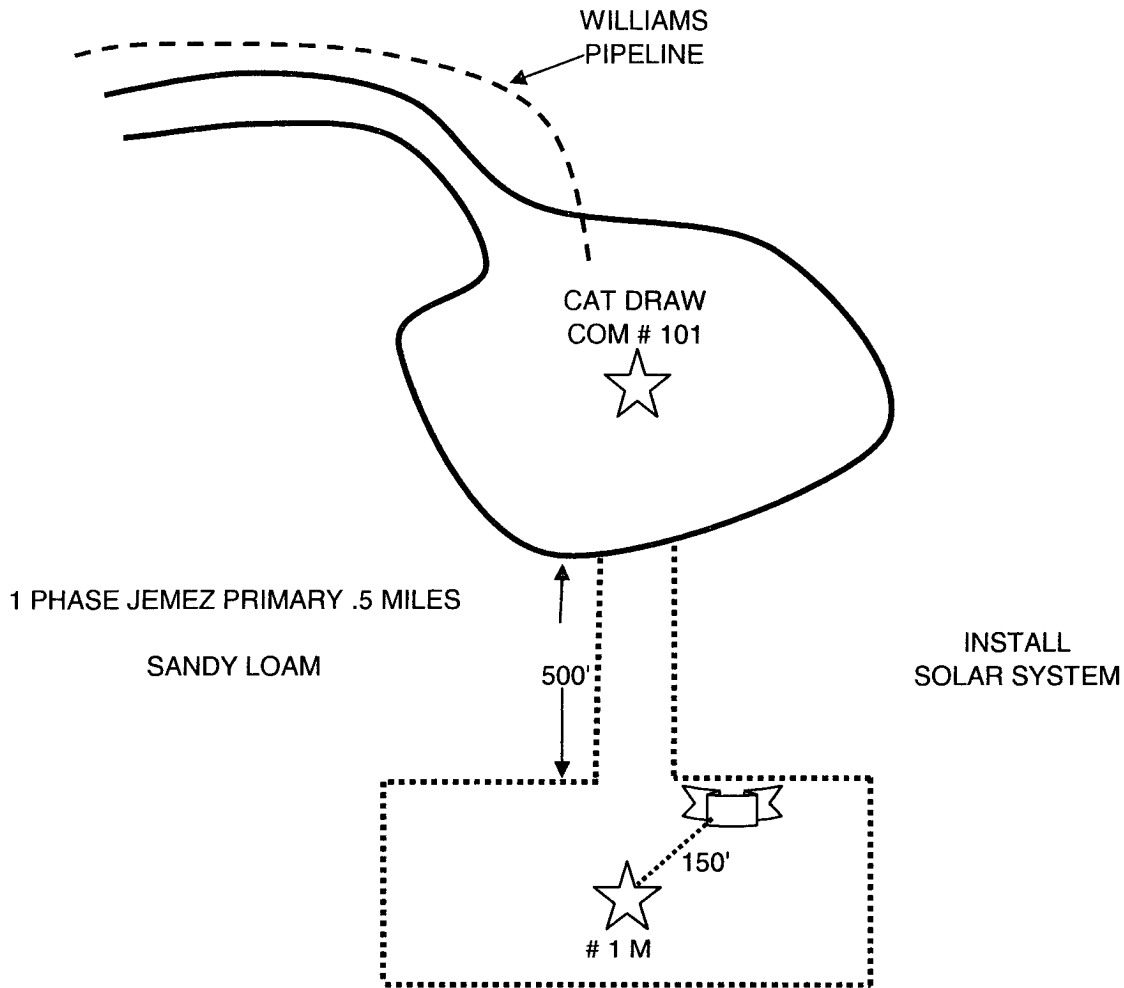
RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP















SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
(12/4)	X			
	X			
# 8	200'			
			JEMEZ	
			.5 MILES	

COMMENTS

INSTALL SINGLE WELL SOLAR SYSTEM
1 PHASE JEMEZ PRIMARY .5 MILES
SANDY LOAM

WELL NAME	CAT DRAW COM # 1 M
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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 

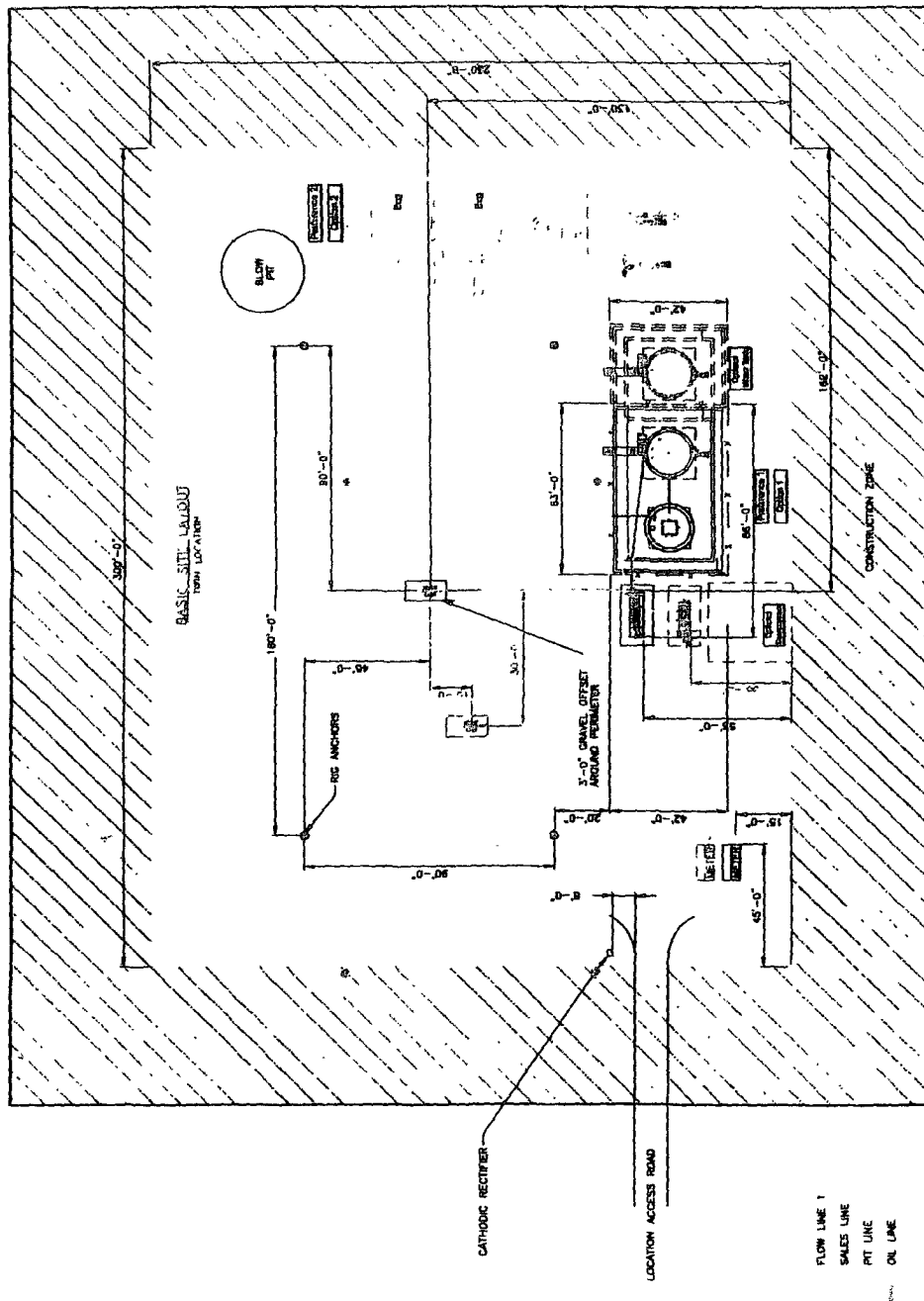
PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CAT DRAW COM 1M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8092				AFE \$: 1,268,472.23	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 711		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:							
Datum Code: NAD 27							
Latitude: 36.840950	Longitude: -107.359544	X:	Y:	Section: 04		Range: 005W	
Footage X: 1885 FEL	Footage Y: 2365 FSL	Elevation: 6476	(FT)	Township: 030N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6488 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6288	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.	
OJO ALAMO	2526	3962	<input type="checkbox"/>				
KIRTLAND	2696	3792	<input type="checkbox"/>				
FRUITLAND COAL	3188	3300	<input type="checkbox"/>				
PICTURED CLIFFS	3442	3046	<input type="checkbox"/>				
LEWIS	3629	2859	<input type="checkbox"/>				
Intermediate Casing	3729	2759	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 840 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	4216	2272	<input type="checkbox"/>				
CHACRA	4611	1877	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	5442	1046	<input type="checkbox"/>	360		Gas	
MENEFEE	5462	1026	<input type="checkbox"/>				
POINT LOOKOUT	5746	742	<input type="checkbox"/>				
MANCOS	6021	467	<input type="checkbox"/>				
UPPER GALLUP	6994	-506	<input type="checkbox"/>				
GREENHORN	7709	-1221	<input type="checkbox"/>				
GRANEROS	7752	-1264	<input type="checkbox"/>				
TWO WELLS	7855	-1367	<input type="checkbox"/>	1850		Gas	
UPPER CUBERO	7872	-1384	<input type="checkbox"/>				
LOWER CUBERO	7918	-1430	<input type="checkbox"/>				
ENCINAL	7990	-1502	<input type="checkbox"/>				
Total Depth	8040	-1552	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 587 cuft. Circulate cement a minimum of 100' inside the previous casing string.	
Reference Wells:							
Reference Type	Well Name		Comments				



SEE SHEET 3 & 4 FOR Piping DETAILS

5 40 1 133MS

Conoce Phillips

CONOCO/PHILLIPS
HIGH PRESSURE 3 PHASE
FACILITY DIAGRAM - SITE LAYOUT

CLASS. AUTH.	CLASS. CODE	CLASS. DATE
EXT. FILE	EXT. CODE	EXT. DATE
SAN JUAN BUSINESS UNIT		
HP 3PHASE-REV1		

[illegible]

Directions from the Post Office
in Blanco, NM
to
BURLINGTON RESOURCES OIL & GAS CO LP
CAT DRAW COM 1M
2365' FSL & 1885' FEL,
Section 4, T30N, R5W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36° 50' 27.45" N
Longitude: 107° 21' 36.53" W
Nad 83

From the Post Office in Blanco, NM

Take Highway 64 East for 28.8 miles

To Hwy 527 (Simms Mesa Hwy),

Turn left (northwest) on Hwy 527 for 8.0 miles,

To Rosa Road, turn right (northeast) for 6.6 miles,

Across La Jara Bridge to the top of the Mesa,

continue (northeasterly) 1.2 miles,

turn right (easterly) 1.3 miles,

continue (southerly) for 1.4 miles,

continue (northwesterly) for 0.8 miles,

turn left (north) for 0.9 miles,

turn right (east) 0.3 miles,

To beginning of new access on south side of existing location, Cat Draw Com 101,

And proceed 173.91' to the newly staked location.