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NOV 25 2008

Bureau of Land Management
Farmington Field Office

NOV 25 2008
BLM CONS. DIV.
DIST. 3

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG

1a. Type of Work DRILL	5. Lease Number SF-078841 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
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Bandy Com 9. Well Number #1005
4. Location of Well Unit P (SESE), 615' FSL & 530' FEL Bottom: Unit P (SESE), 710' FSL & 710' FEL Surf: Latitude 36.83541 N Longitude 107.97135 W Bottom: Latitude 36.83568 N. Longitude: 107.97196 W.	10. Field, Pool, Wildcat Fruitland Coal Farmington 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 3, T30N, R11W API # 30-045- 34854
14. Distance in Miles from Nearest Town 2.1 mile/AZtec	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 710'	13. State NM
16. Acres in Lease 39.140	17. Acres Assigned to Well 319.40 S/2 FC 159.14 SE/4 FS
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 648' from XTO FEE 3B/MV	
19. Proposed Depth 2630'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5923' GL	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)	Date <u>11/24/08</u>

PERMIT NO.	APPROVAL DATE
APPROVED BY <u>[Signature]</u>	TITLE <u>AFM</u> DATE <u>12/30/08</u>

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 2 Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

JAN 07 2009

NMOCD

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 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34854		² Pool Code 71629/76570		Pool Name WILDCAT	
BASIN FRUITLAND COAL / <i>Farmer Fruitland Sand</i>					
⁴ Property Code 36822	⁵ Property Name BANDY COM			⁶ Well Number 1005	
⁷ OGRID No 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			Elevation 5923'	

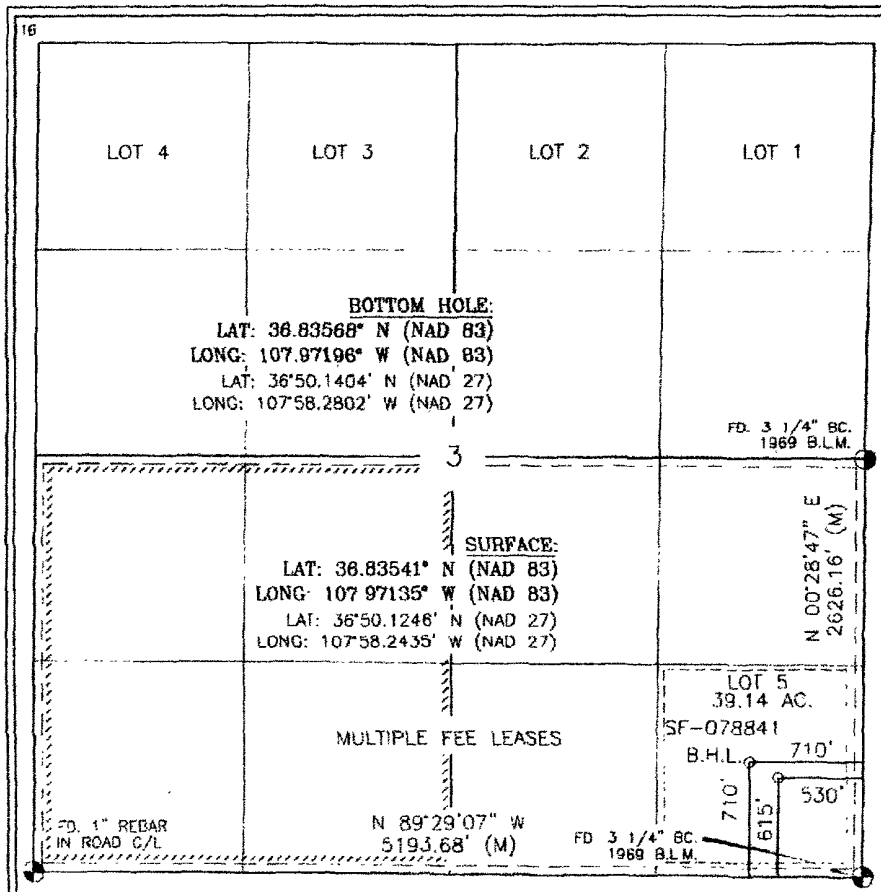
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
P	3	30-N	11-W	(5)	615	SOUTH	530	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
P	3	30-N	11-W	(5)	710	SOUTH	710	EAST	SAN JUAN
¹² Dedicated Acres 319.40 S/2 FC 159.14 SE/4 FS		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



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 Tafoya 5/20/08
Signature Date
Crystal Tafoya 5-20-08
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.

OCTOBER 10, 2007
Date of Survey
Signature and Seal of Registered Surveyor
[Signature]
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
8894
Certificate Number

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

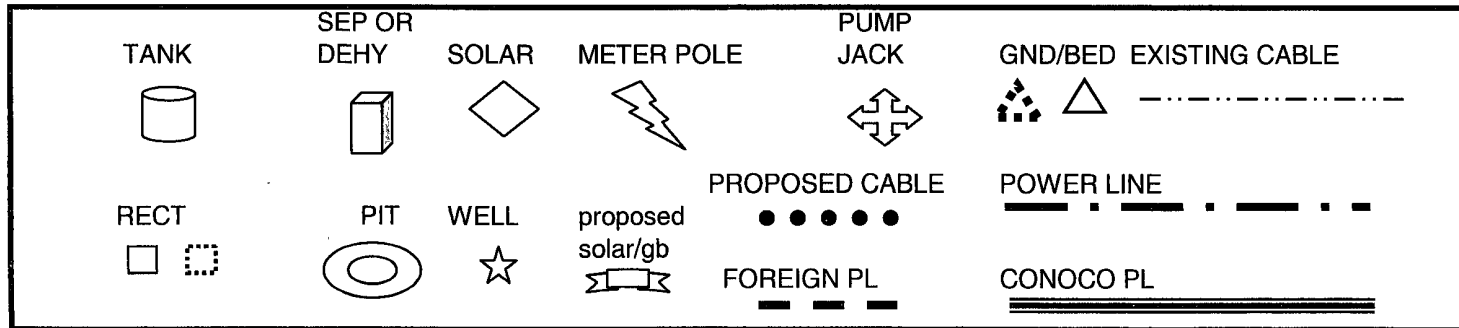
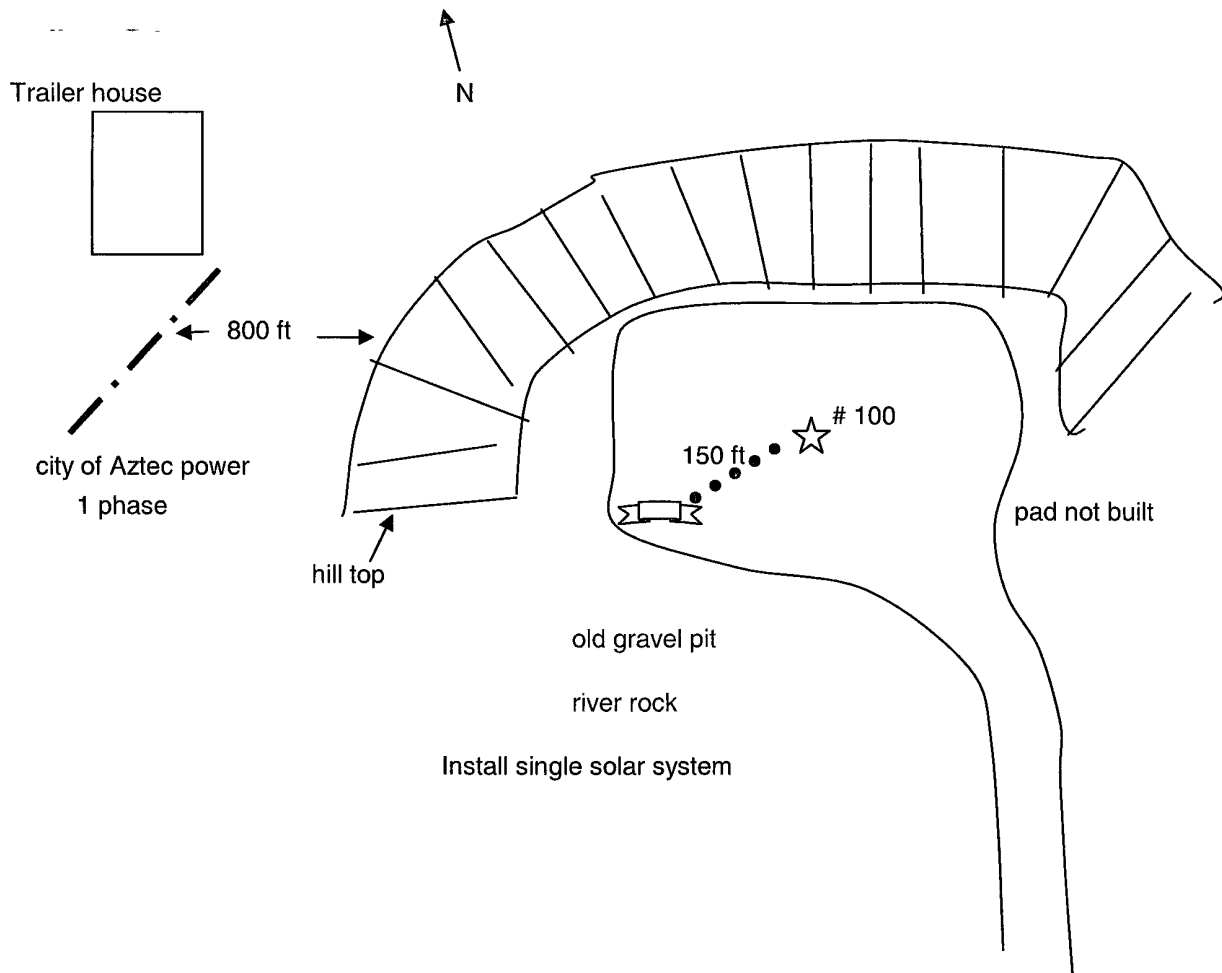
BURLINGTON RESOURCES		
WAN.RFE.PDO7.GQ		
BANDY COM # 100 S	DATE	1/14/2008
WELL NAME		
WELL NAME		

COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	P 3	30 N	11 W	36 50.2416 N	107 58.2435 W
COUNTY	SAN JUAN				

	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
RECTIFIER					
SOLAR	single	x			
GROUND BED		x			
240 V METER POLE					
480 V METER POLE					
D C CABLES	# 8	200 ft			
A C CABLES					
PRIMARY POWER				x	
DISTANCE TO POWER				800 ft	
UNDERGROUND					
PUMPJACK					
WATER PUMP					
COMPRESSOR					
RTU					
SAMS					
TANKS					

COMMENTS	install single well solar - very steep hill to power line - river rock -- old gravel pit

WELL NAME	BANDY COM # 100 S
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BANDY COM 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7344		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Clark, Dave D		Phone: +1 505-326-9762		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
				Phone:	

Primary Objective (Zones):	
Zone	Zone Name
2035	FRUITLAND COAL
RCO087	FRUITLAND SAND(RCO087)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.835406	Longitude: -107.970727	X:	Y:	Section: 03	Range: 011W
Footage X: 530 FEL	Footage Y: 615 FSL	Elevation: 5923	(FT)	Township: 030N	
Tolerance:					

Location: Bottom Hole		Datum Code: NAD 27		Straight Hole	
Latitude: 36.835676	Longitude: -107.971337	X:	Y:	Section: 03	Range: 011W
Footage X: 710 FEL	Footage Y: 710 FSL	Elevation:	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5934	Units = FT
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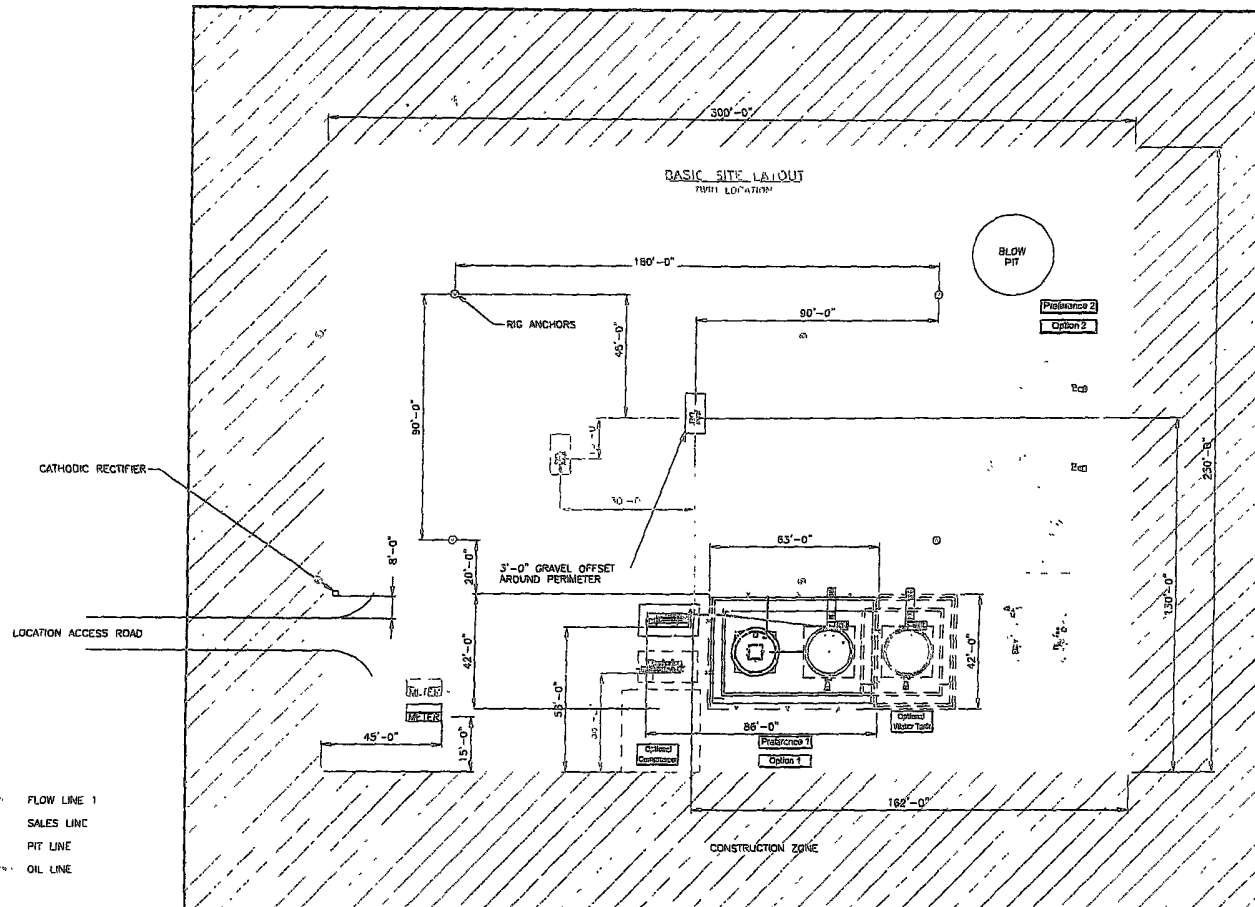
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5814	☐			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	959	4975	☐			
KIRTLAND	1095	4839	☐			
FRUITLAND	1829	4105	☐	300	Gas	
TOP COAL	2173	3761	☐			
TOP UPPER MAIN COAL	2238	3696	☐			
PICTURED CLIFFS	2430	3504	☐		Gas	
Total Depth	2630	3304	☐			6-1/4" hole. 4-1/2" 11.6 ppf, L-80, LTC casing. Cement with 408 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Fee #3B	

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

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

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



SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

ENGINEERING REVIEW										REFERENCE DRAWINGS		CONOCOPhillips SAN JUAN BUSINESS UNIT	CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
DISCIPLINE			REVIEWED		DATE		NO.		DESCRIPTION		CLIENT No.		CLIENT APPR.	APPR. DATE	
PROCESS											SCALE		DATE		
MECHANICAL											SCALE		DATE		
PIPING											SCALE		DATE		
ELECTRICAL											SCALE		DATE		
I & C											SCALE		DATE		
CIVIL/STRUCTURAL											SCALE		DATE		
PROJECT											SCALE	DATE			
DESCRIPTION			DATE	BY	CHK'D	QCS	QSC	PRJ							

**Directions from the intersection of Hwy 516 and Hwy 550 in Aztec, New Mexico, to
the
Burlington Resources Oil & Gas Company LP**

Bandy Com #100S well location

**615' FSL 530' FEL, Section 3, T30N R11W, NMPM, in San Juan County, New
Mexico**

From the intersection of Hwy 516 and Hwy 550 in Aztec, NM (Lat. 36.82583° N, Long.
107.99361° W):

Travel northeast on Hwy 550 1.1 mi to the intersection with Hwy 173 (Lat. 36.83583° N,
Long. 107.98000° W).

Turn right on Hwy 173 and travel southeasterly 0.5 mi (Lat. 36.83056° N, Long.
107.97361° W).

Turn left on gravel road and travel northeasterly 0.4 mi to the new access at the gravel pit
on the top of the hill (Lat. 36.83472° N, Long. 107.97056° W).

New access continues northwesterly 244' to the Bandy Com #100S well location (Lat.
36.83541° N, Long. 107.97135° W).