


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 30 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 Navajo 14-20-603-769 Unit Reporting Number N M N M - 97675	
1b. Type of Well GAS	6. If Indian, All. or Tribe Navajo Nation	
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name RCVD DEC 22 '09 OIL CONS. DIV. DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name GE-ELE-GU-LITHE-E 9. Well Number #500S	
4. Location of Well Surf: Unit C(NENW), 915' FNL & 1775' FWL  Surf: Latitude 36.50704° N Longitude 107.72617° W	10. Field, Pool, Wildcat Basin Fruitland Coal  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 7, T26N, R8W  API # 30-045- 34763	
14. Distance in Miles from Nearest Town 37 miles/Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 915'		
16. Acres in Lease	17. Acres Assigned to Well 320.36 Acres (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 630' from Williams #1 (PC)		
19. Proposed Depth 2087'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6140' GR	 H <sub>2</sub> S POTENTIAL EXIST	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)	7/30/08 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 12/21/09

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 2

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

JAN 04 2010

NMOCD

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  
NOTIFY AZTEC 24 HRS.  
PRIOR TO CASING & CEMENT

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

District I  
1625 N French Dr., Hobbs, NM 88240

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 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. S 0 2008  
Santa Fe, NM 87505

Bureau of Land Management  
Farmington Field Office

Form C-102  
Revised October 12, 2005  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34763	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 7043	*Property Name GE-ELE-GU-LITHE-E	*Well Number 500S
*OGRID No 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6140'

#### 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
C	7	26N	8W		915	NORTH	1775	WEST	SAN JUAN

#### 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
C									

12 Dedicated Acres 320.36 Acres - (W/2)	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

<div>16</div> <div>1298.22'</div> <div>1303.50'</div> <div>2606.34'</div> <div>LOT 1</div> <div>1775'</div> <div>830'</div> <div>915'</div> <div>LEASE NAVAJO</div> <div>14-20-603-769</div> <div>LOT 2</div> <div>1700'</div> <div>5254.92'</div> <div>LOT 3</div> <div>LEASE NAVAJO</div> <div>14-20-603-770</div> <div>LOT 4</div> <div>1312.74'</div> <div>1301.52'</div> <div>2603.04'</div> <div>5192.22'</div>	<div>17 OPERATOR CERTIFICATION</div> <p>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.</p> <div>Crystal Tafoya 7/28/08</div> <div>Signature Date</div> <div>Crystal Tafoya 7-28-08</div> <div>Printed Name</div> <div>18 SURVEYOR CERTIFICATION</div> <p>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</p> <div>Survey Date: DECEMBER 18, 2007</div> <div>Signature and Seal of Professional Surveyor</div> <div></div> <div>JASON C. EDWARDS</div> <div>Certificate Number 15269</div>
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**COMPANY**  
**Charge Code**  
**WELL NAME**  
**DUAL WELL**  
**TRIPLE WELL**

BURLINGTON		
WAN.RFE.PDO7.DK		
GE ELE GU LITHE E # 500 S	DATE	1/2/2007
WELL NAME		
WELL NAME		

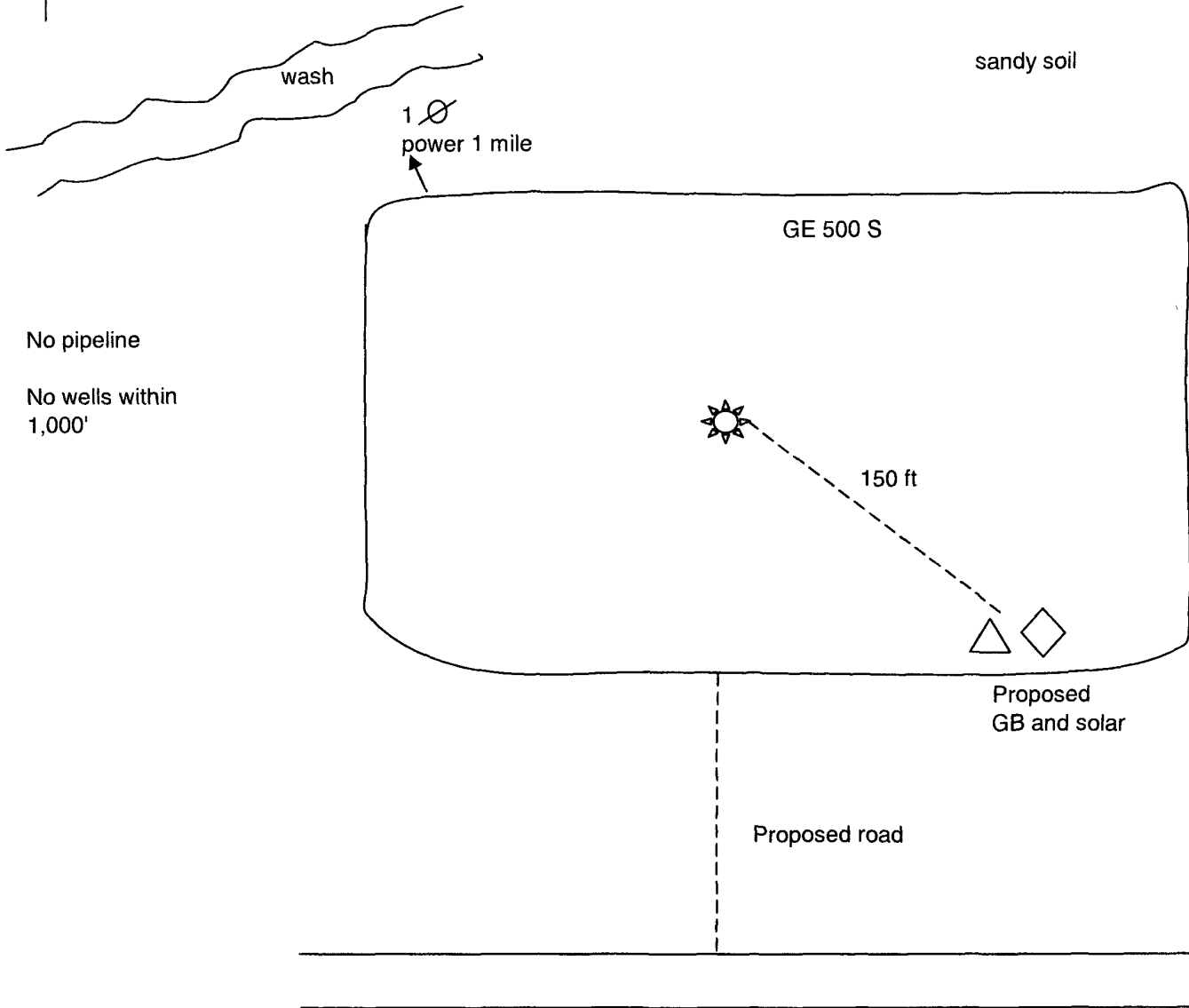
COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	NW 7	26 N	8 W	36.304216	107.435337

COUNTY	SAN JUAN
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	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
<u>RECTIFIER</u>					
<u>SOLAR</u>	single	x			
<u>GROUND BED</u>		x			
<u>240 V METER POLE</u>					
<u>480 V METER POLE</u>					
<u>D C CABLES</u>	# 8	300 ft			
<u>A C CABLES</u>					
<u>PRIMARY POWER</u>					
<u>DISTANCE TO POWER</u>					
<u>UNDERGROUND</u>					
<u>PUMPJACK</u>					
<u>WATER PUMP</u>					
<u>COMPRESSOR</u>					
<u>RTU</u>					
<u>SAMS</u>					
<u>TANKS</u>					

COMMENTS	very sandy soil	near wash

# GE ELE GU LITHE E # 500 S



TANK	SEP OR DEHY	SOLAR	240V MP	PUMP JACK	GND/BED	EXISTING CABLE
RECT	PIT	WELL	480V MP	PROPOSED CABLE	FOREIGN PIPELINE	POWER LINE
						CONOCO PIPELINE

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

GE-ELE-GU-LITHE-E 500S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7259		AFE \$: 182,514.25	
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
JCV	BASIN FRUITLAND COAL (GAS)

Location:		Datum Code: NAD 27	
Latitude: 36.507030	Longitude: -107.725557	X:	Y:
Footage X: 1775 FWL		Footage Y: 915 FNL	
Elevation: 6140 (FT)		Township: 026N	

Tolerance:	
Location Type: Year Round	Start Date (Est.): 1/1/2008
Completion Date:	Date In Operation:

Formation Data: Assume KB = 6152	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	6032	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1121	5031	<input type="checkbox"/>			
KIRTLAND	1230	4922	<input type="checkbox"/>			
FRUITLAND	1571	4581	<input type="checkbox"/>	300		Gas
FRUITLAND COAL	1741	4411	<input type="checkbox"/>			
PICTURED CLIFFS	1887	4265	<input type="checkbox"/>			Gas
Total Depth	2087	4065	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 321 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	Williams #1	
Intermediate	Newsom B 500	

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input checked="" type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
GR_CBL	

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

Comments:



**Directions from the Intersection of US Hwy 550 & US Hwy 64 in Bloomfield, New Mexico**  
**to Burlington Resources Oil & Gas Company GE-ELE-GU-LITHE-E #500S**  
**915' FNL & 1775' FWL, Section 7, T26N, R8W, San Juan County, New Mexico**  
**Latitude: 36°30.4216'N Longitude: 107°43.5337'W Datum: NAD1927**

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 22.3 miles to County Road #7425;

Go left (North-easterly) on County Road #7425 @ Enterprise Ballard Plant sign for 6.4 miles to fork in road;

Go right (North-easterly) remaining on County Road #7425 for 0.6 miles to fork in road;

Go left (Northerly) remaining on County Road #7425 for 1.9 miles to fork in road;

Go left (South-easterly) remaining on County Road #7425 across Blanco Wash for 0.4 miles to fork in road;

Go left (North-easterly) for 1.0 miles to fork in road;

Go right (North-easterly) for 0.7 miles to fork in road;

Go left (North-easterly) for 0.4 miles to 4-way intersection;

Go straight (North-easterly) @ 4-way intersection for 1.1 miles to fork in road;

Go left which is straight (Northerly) for 0.9 miles to fork in road;

Go left (Westerly) for 0.8 miles to new access on right-hand side of existing roadway which continues for 300' to staked location.