

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SFP 14 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-078120 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 OCT 28 '10 OIL CONS. DIV.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Elliott A DIST. 3 9. Well Number 100
4. Location of Well Surface: Unit K(NESW), 1490' FSL & 1710' FWL Surface: Latitude: 36.88147° N (NAD83) Longitude: 108.03485° W	10. Field, Pool, Wildcat Aztec FS / Basin FC 11. Sec., Twn, Rge, Mer. (NMPM) Unit K, Sec. 19, T31N, R11W API # 30-045- 35199
14. Distance in Miles from Nearest Town 4 miles from Aztec, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 940'	
16. Acres in Lease 120.440	17. Acres Assigned to Well FS-161.05 SW/4 - FC-321.40 W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1040' from Elliott A LS 2 (PC)	
19. Proposed Depth 2674'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5966' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Dollie L. Busse</u> Dollie L. Busse (Staff Regulatory Tech)	8/27/10 Date

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.

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AEM DATE 10/26/2010

Archaeological Report attached A gas recovery unit may or may not be used on this location.

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

NOV 18 2010

NMOC

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

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.
Santa Fe, NM 87505

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

SEP 14 2010

☐ AMENDED REPORT

Farmington Field Office
WELL LOCATION AND ACREAGE DEDICATION Application

*API Number 30-045-35199	*Pool Code 71200 / 71629	*Pool Name AZTEC FRUITLAND SAND / BASIN FRUITLAND COAL
*Property Code 38241	*Property Name ELLIOTT A	*Well Number 100
*OGARD No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 5966'

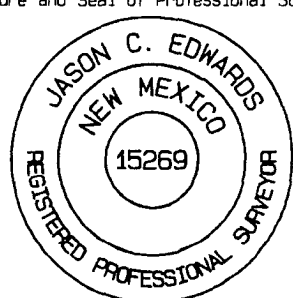
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	19	31N	11W		1490	SOUTH	1710	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
¹² Dedicated Acres 161.05 Acres (SW/4) - FS 321.40 Acres (W/2) - FC					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 1308.78' 1308.78' 2618.22' LOT 1 LEASE USA SF-078095 LOT 2 5267.46' LOT 3 LEASE USA SF-078120 1710' LOT 4 LEASE FEE 1343.10' 1320.66' 2640.66'	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. Signature <u>Brandie Blakley</u> Date <u>7-12-2010</u> Brandie Blakley 7-12-2010 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 Date of Survey: MARCH 2, 2010 Signature and Seal of Professional Surveyor  JASON C. EDWARDS Certificate Number 15269
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ELLIOTT A 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9424		AFE \$: 0.00	
Field Name: SAN JUAN		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer:		Phone:	Proj. Field Lead:		Phone:

Primary Objective (Zones):

Zone	Zone Name
RCO087	FRUITLAND SAND(RCO087)
2035	FRUITLAND COAL

Location: Surface:		Datum: Code: NAD:27		Straight Hole	
Latitude: 36.881467	Longitude: -108.034225	X:	Y:	Section: 19	Range: 011W
Footage X: 1710 FWL	Footage Y: 1490 FSL	Elevation: 5966	(FT)	Township: 031N	
Tolerance:					

Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5981 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5861		<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	909	5072		<input type="checkbox"/>			
KIRTLAND	981	5000		<input type="checkbox"/>			
FRUITLAND	1890	4091		<input type="checkbox"/>			Gas
FRUITLAND COAL	2166	3815		<input type="checkbox"/>			
PICTURED CLIFFS	2474	3507		<input type="checkbox"/>	59		Gas; TD - 200' below T/PCCF
Total Depth	2674	3307		<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 358 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	Case 11	31N 11W 19 SW NE SE
Production	Heaton 24	31N 11W 30 NE SW NW
Production	Elliott A 2	31N 11W 19 NE SW SW

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 type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
Cased Hole GR / CBL	

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

Directions from the Intersection of State Hwy 516 & State Hwy 574
in Aztec, New Mexico to Burlington Resources Oil & Gas Company Elliott A #100
1490' FSL & 1710' FWL, Section 19, T31N, R11W, N.M.P.M., San Juan County, NM

Latitude : 36.88147°N Longitude : 108.03485°W Datum : NAD1983

From the intersection of State Hwy 516 & State Hwy 574 in Aztec, NM, travel Northerly on State Hwy 574 for 4.4 miles to Milepost 9.7;

Go right (Easterly) for 0.4 miles to new access on right-hand side of existing roadway which continues for 305' to staked location which overlaps an abandoned wellpad.