

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 13 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK ^{BLM} Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-079634-A 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 DEC 16 '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 Sullivan 9. Well Number 100S
4. Location of Well Surf: Unit K (NESW), 1573' FSL & 2118' FWL Surf: Latitude: 36.84483° N (NAD83) Longitude: 107.86692° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 23, T28N, R10W API # 30-045- 35037
14. Distance in Miles from Nearest Town 11 miles/Bloomfield	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1593'	
16. Acres in Lease 160.00	17. Acres Assigned to Well FC - 320.00 (S/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1293' from McClanahan A 1 (PC)	
19. Proposed Depth 2074'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5789' GL 5740	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)	<u>11/13/2009</u> Date

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 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

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

RECEIVED

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 09 2009

Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. Type of Well
GAS
2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP
3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700
4. Location of Well, Footage, Sec., T, R, M
Surface: Unit K (NESW), 1573' FSL & 2118' FWL, Section 23, T28N, R10W, NMPM
5. Lease Number
SF-079634-A
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Sullivan 100S
9. API Well No.
30-045- 35037
10. Field and Pool
Basin Fruitland Coal
11. County and State
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - <input type="checkbox"/> Move Surface

13. Describe Proposed or Completed Operations

Burlington Resources wishes to correct the surface location of the subject well from the submitted footages of Unit K (NESW), FSL & ~~2118'~~ FWL, Sec. 23, T28N, R10W to the new footages of Unit K (NESW), 1573' FSL & 2118' FWL, Sec. 23, T28N, R10W. The APD was submitted on 11/3/09 with the incorrect footages. The new plat, cut & fill and topo map are attached.

2073' 7MA

15935 9MA

14. I hereby certify that the foregoing is true and correct.

Signed Crystal Tafoya Crystal Tafoya Title Regulatory Technician Date 12/9/09
QMA 12/10/09

(This space for Federal or State Office use)
APPROVED BY Don Gress Title Branch Chief Date 12/14/09

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 35037	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 7555	*Property Name SULLIVAN	*Well Number 100 S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 5790'

¹⁰ Surface Location

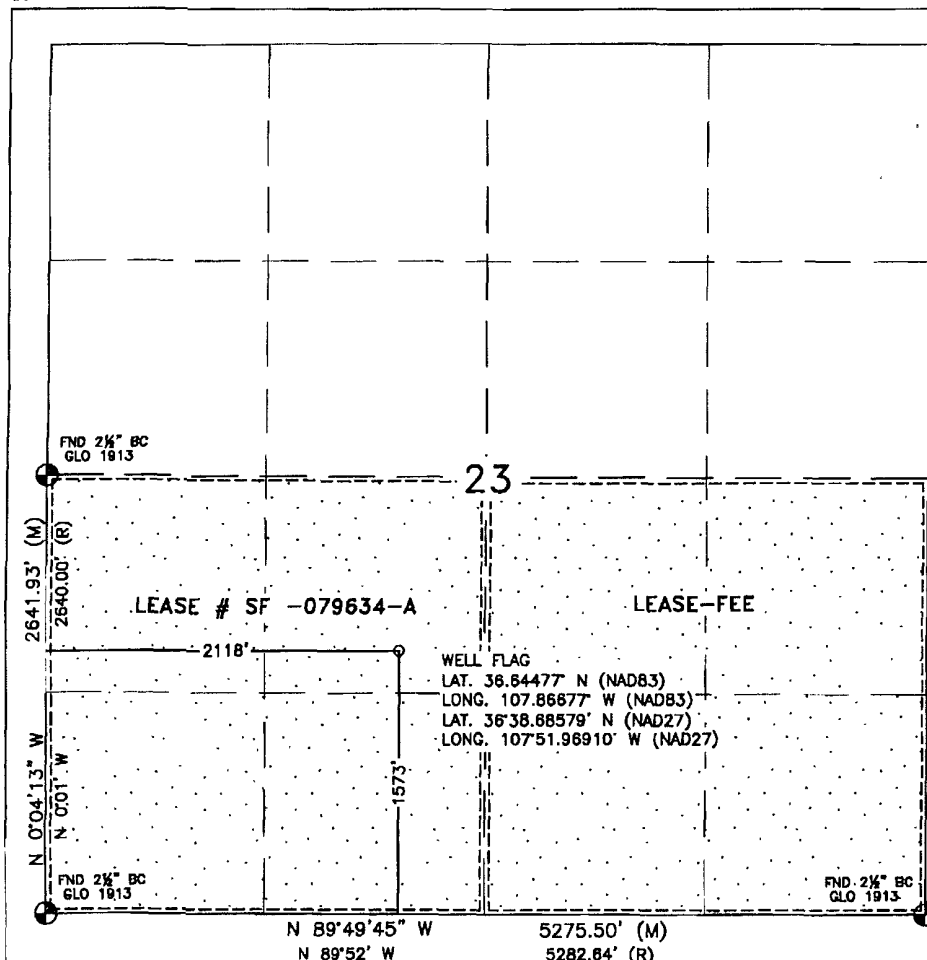
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	23	28N	10W		1573'	SOUTH	2118'	WEST	SAN JUAN

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
K									
*Dedicated Acres 320.0 Acres - (S/2)			*Joint or Infill		*Consolidation Code		*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

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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.

Crystal Tafoya 12/9/09
Signature Date

Crystal Tafoya 12/9/09
Printed Name

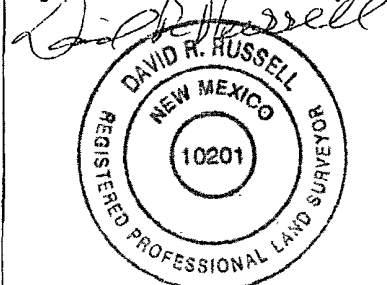
¹⁸ SURVEYOR CERTIFICATION

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.

MARCH 27, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL
Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SULLIVAN 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8257		AFE \$: 722,650.09	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Clark, Dave D		Phone: +1 505-326-9762		Prod. Engineer:	
Res. Engineer: Akwari, Bill N		Phone: +1 505-599-4076		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
JCV	BASIN FRUITLAND COAL (GAS)				

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.644763	Longitude: -107.866152	X:	Y:	Section: 23	Range: 010W
Footage X: 2118 FWL	Footage Y: 1573 FSL	Elevation: 5790	(FT)	Township: 028N	
Tolerance: 2073		1593			

Location Type: Year Round	Start Date (Est.): 1/1/2010	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5804	Units = FT
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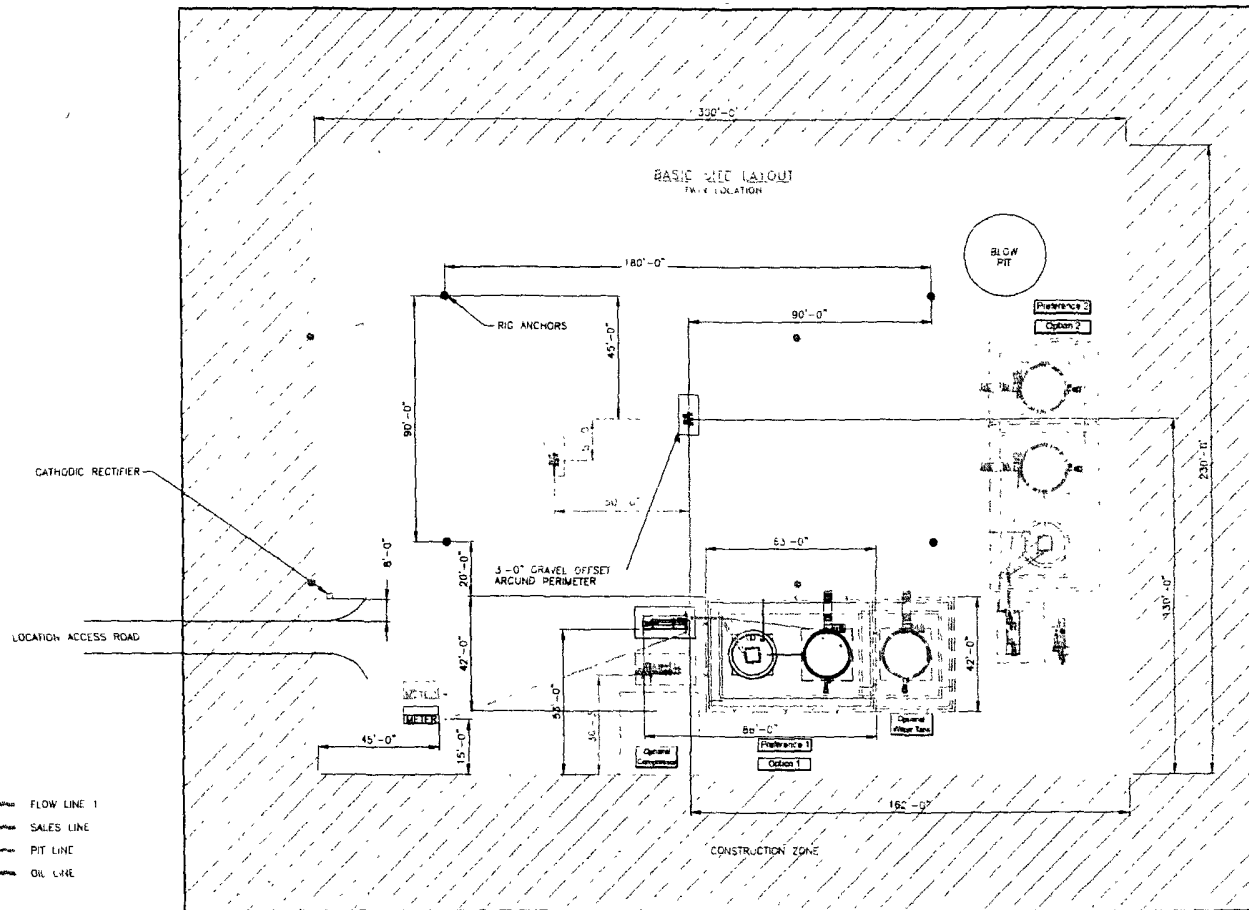
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5684	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	851	4953	<input type="checkbox"/>			
KIRTLAND	984	4820	<input type="checkbox"/>			
FRUITLAND	1455	4349	<input type="checkbox"/>	225		Gas
PICTURED CLIFFS	1874	3930	<input type="checkbox"/>			Gas; TD - 200' below T/PCCF
Total Depth	2074	3730	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 278 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Sullivan A1 & McClanahan A1	section 23 28-10

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
No logs required	

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		CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT			
										DISCIPLINE	REVIEWED	DATE	NO.	DESCRIPTION	CLIENT NAME		SCALE	DATE
										PROCESS					SCALE		REVISION DATE	
										MECHANICAL					DRAWN BY		SHEET NO.	
										PIPING							1 OF 5	
										ELECTRICAL								
										INSTRUMENTATION								
										CIVIL/STRUCTURAL								
										PROJECT								

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SULLIVAN #100 S
1573' FSL & 2118' FWL
LOCATED IN THE NE/4 SW/4 OF SECTION 23,
T28N, R10W, N M P M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM INTERSECTION OF SOUTH HWY 550 & HWY 64 IN BLOOMFIELD, HEAD SOUTH FOR 1.6 MILES.
- 2) TURN LEFT ONTO CR 4980 AND TRAVEL 1.7 MILES.
- 3) TURN LEFT ONTO DIRT ROAD AND TRAVEL 3.4 MILES TO "Y" INTERSECTION.
- 4) TURN LEFT AND TRAVEL 1.4 MILES TO "Y" INTERSECTION.
- 5) TURN RIGHT AND TRAVEL 2.8 MILES TO "T" INTERSECTION.
- 6) TURN LEFT AND TRAVEL 0.1 MILES TO "Y" INTERSECTION.
- 7) TURN LEFT AND TRAVEL 1.6 MILES TO "T" INTERSECTION.
- 8) TURN LEFT AND TRAVEL 0.6 MILES TO "Y" INTERSECTION.
- 9) TURN RIGHT AND TRAVEL 0.2 MILES TO "Y" INTERSECTION.
- 10) TURN RIGHT AND TRAVEL 1.3 MILES THROUGH PAD TO "Y" INTERSECTION.
- 11) FROM WELL PAD WHERE SULLIVAN #100 IS TWINNED, TRAVEL THROUGH WELL LOCATION AND GO 0.9 MILES TO BEGIN ACCESS ON LEFT SIDE OF ROAD.

WELL FLAG LOCATED AT LAT. 36.64477°N, LONG 107.86677°W (NAD 83).

