

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 29 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work
DRILL

5. Lease Number
USA SF-077383-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 JAN 20 '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
Kutz Canyon
9. Well Number
#500S

4. Location of Well
Surf: Unit C (NENW), 982' FNL & 1458' FWL

Surf: Latitude 36.65229 N
Longitude 107.88700 W

10. Field, Pool, Wildcat
Basin Fruitland Coal

11. Sec., Twn, Rge, Mer. (NMPM)
C Sec. 22, T28N, R10W

API # 30-045-

34886

14. Distance in Miles from Nearest Town
10 miles/Bloomfield

12. County
San Juan

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1458'

16. Acres in Lease
1280.00

17. Acres Assigned to Well
320.00 Acres - (W/2)

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
194' from Davidson Gas Com H #1E DK

19. Proposed Depth
2271'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
5993' GR



H₂S POTENTIAL EXIST

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Jamie Goodwin
Jamie Goodwin (Regulatory Technician)

12/29/08
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

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

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

Bond Numbers NMB-000015 and NMB-000089

NMOCD

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

BLM APPROVAL AND ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

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.

JAN 21 2009

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

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

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

DEC 29 2008

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

Bureau of Land Management AMENDED REPORT
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045- 34886		Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 7232	Property Name KUTZ CANYON		Well Number 500 S
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		Elevation 5993'

10 Surface Location

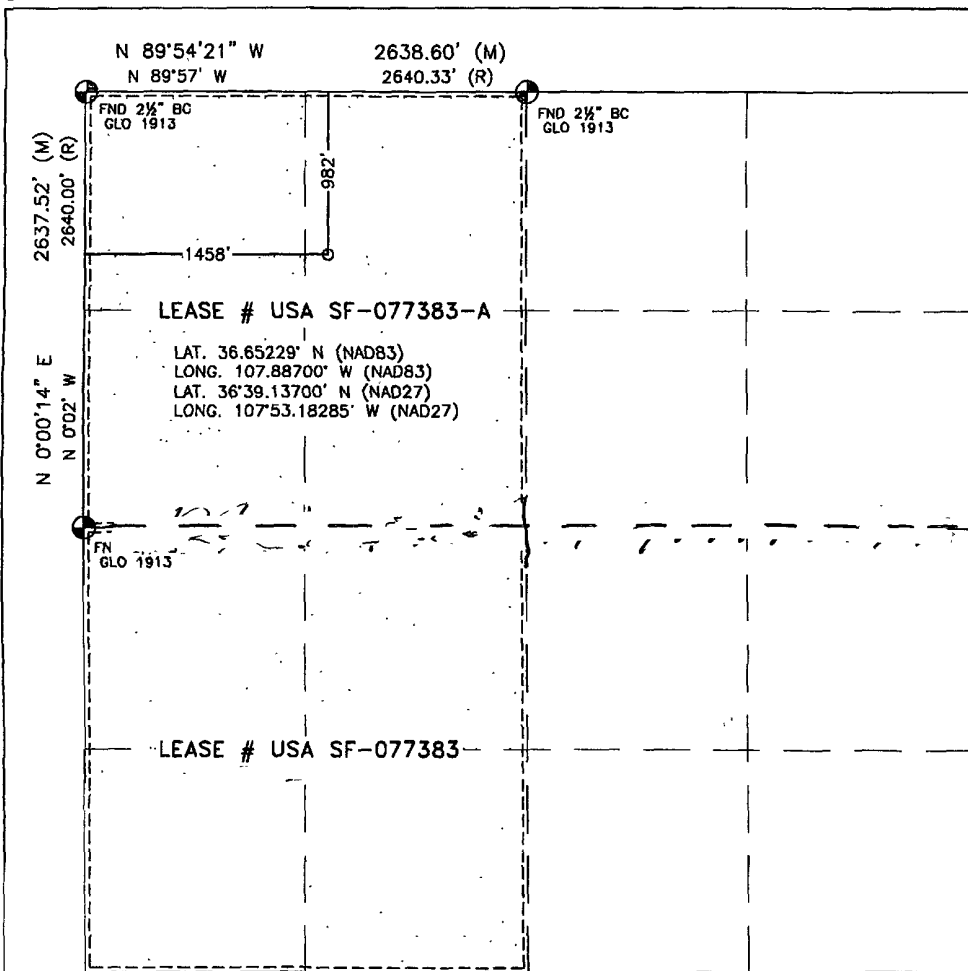
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	28N	10W		982'	NORTH	1458'	WEST	SAN JUAN

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									
Dedicated Acres 320.0 Acres - (W/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

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 or a compulsory pooling order heretofore entered by the division.

Patsy Clugston 12/23/08
Signature Date

Patsy Clugston
Printed Name

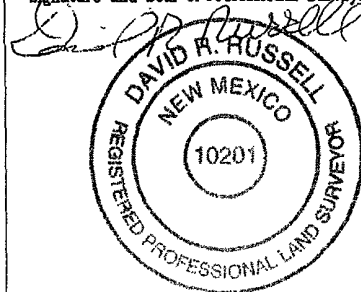
18 SURVEYOR CERTIFICATION

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.

JULY 8, 2008

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL
Certificate Number 10201

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PD08.Q3

WELL NAME

KUTZ CANYON # 500 S

DATE

7/30/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC	TNSHP	RANGE
C 22	28 N	10 W

LATITUDE

36.65229 N

LONGITUDE

107.887000 W

COUNTY

SAN JUAN

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
30/12	X			
	X			
	X			
# 8	200'			
# 8	250'			
			CITY OF FMN	
			1000'	

COMMENTS

EXTEND POWER LINE FOR 480V

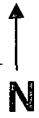
SET 480V METER POLE

INSTALL RECTIFIER SYSTEM

SANDY AREA

CITY OF FMN 1 PHASE PRIMARY 1000'

WELL NAME	KUTZ CANYON # 500 S
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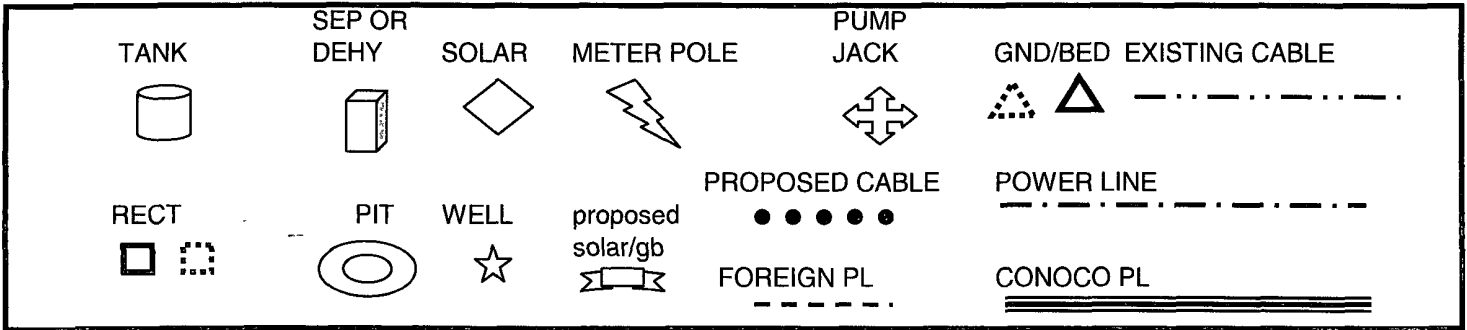
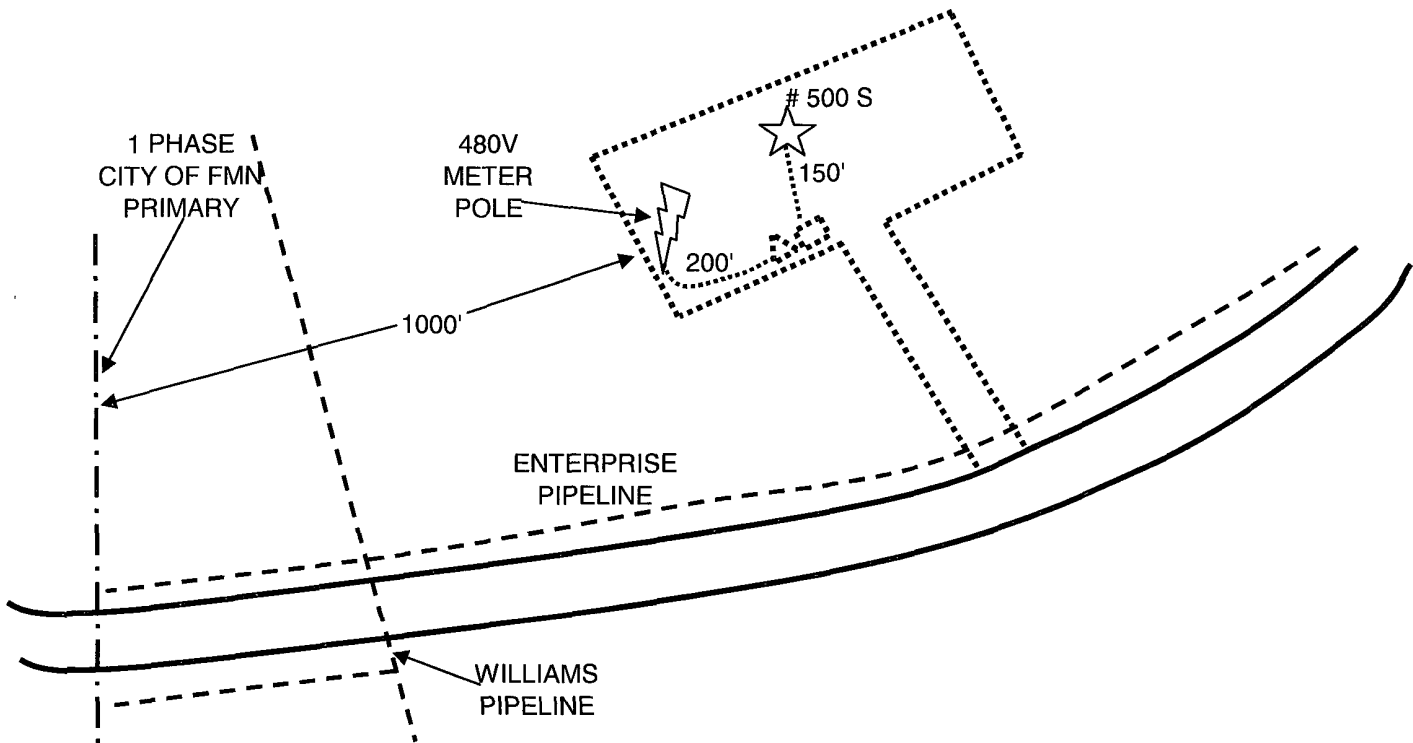


EXTEND POWERLINE FOR 480V

SET 480V METER POLE

INSTALL RECTIFIER SYSTEM

SANDY AREA



PROJECT PROPOSAL - New Drill / Sidetrack

KUTZ CANYON 500S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8250		AFE \$: 216,400.37	
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: Akwari, Bill N		Phone: +1 505-599-4076		Proj. Field Lead:	
				Phone:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27

Latitude: 36.652283	Longitude: -107.886381	X:	Y:	Section: 22	Range: 010W
Footage X: 1458 FWL		Footage Y: 982 FNL		Elevation: 5993 (FT)	Township: 028N
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2009 Completion Date: Date In Operation:

Formation Data: Assume KB = 6004 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5884	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1001	5003	<input type="checkbox"/>			
KIRTLAND	1130	4874	<input type="checkbox"/>			
FRUITLAND	1709	4295	<input type="checkbox"/>	300		Gas
TOP COAL	1864	4140	<input type="checkbox"/>			
PICTURED CLIFFS	2071	3933	<input type="checkbox"/>			Gas
Total Depth	2271	3733	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 349 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

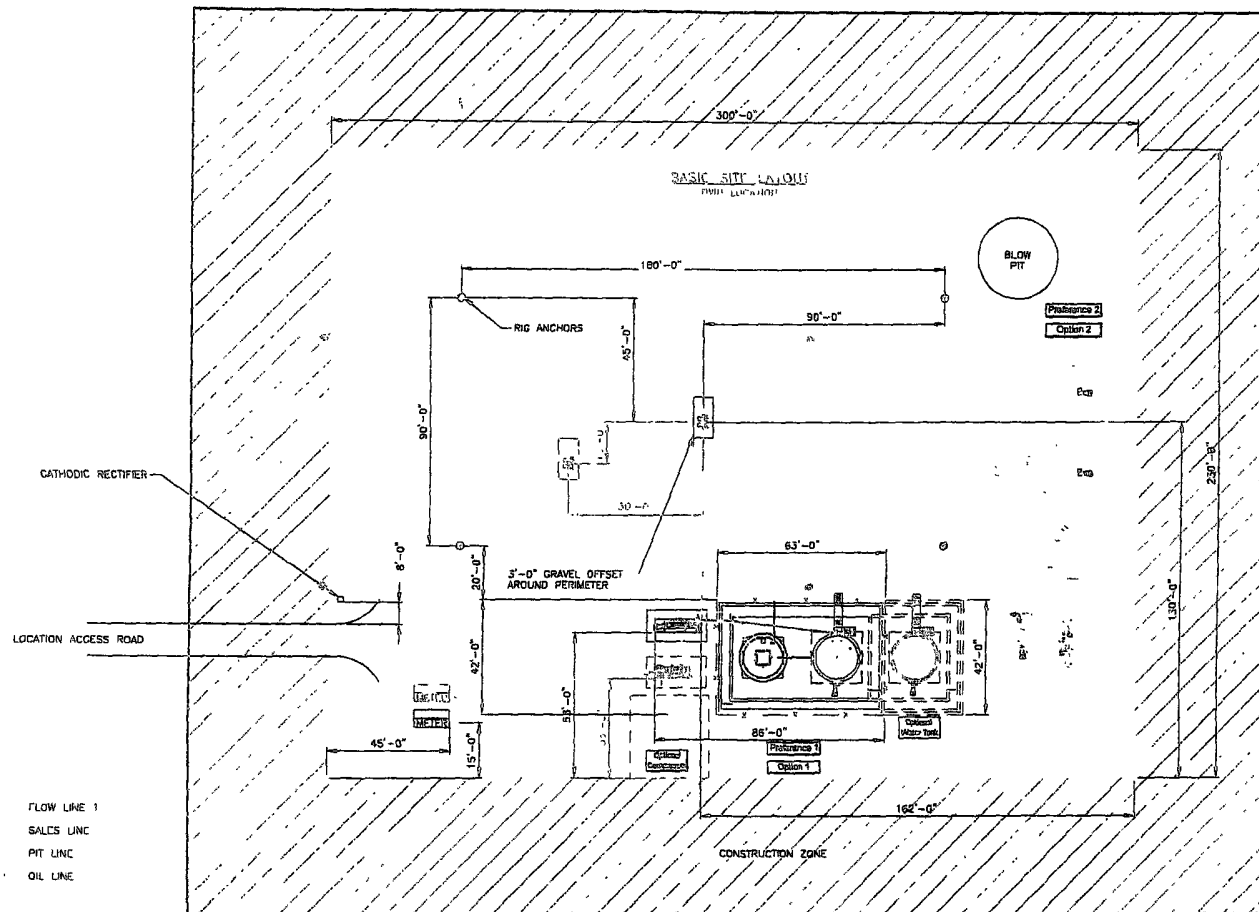
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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
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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		CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT				
										DISCIPLINE	REVIEWED	DATE	NO	DESCRIPTION							
										PROCESS											
										MECHANICAL											
										PIPING											
										ELECTRICAL											
										I & C											
										CIVIL/STRUCTURAL											
										ENVIRONMENTAL											
										HAZARD											
										DESCRIPTION	DATE	BY	CHECKED	ENG	DEC	PM	SAN JUAN BUSINESS UNIT		CLIENT No.	CLIENT APPR.	APPR. DATE
																SCALE: AS SHOWN			PROJECTS DATE: 6/20/07	SHEET NO.	
																HP3PHASE-REV1			1 OF 5		

HP3PHASE-REV1

BURLINGTON RESOURCES OIL & GAS COMPANY LP

KUTZ CANYON #500 S
982' FNL & 1458' FWL
LOCATED IN THE NE/4 NW/4 OF SECTION 22,
T28N, R10W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 550 & HWY 64 IN BLOOMFIELD, NM, GO SOUTH ON HWY 550 FOR 1.55 MILES.
- 2) TURN LEFT ONTO INDUSTRIAL BLVD. & GO 1.75 MILES.
- 3) TURN LEFT RIGHT BEFORE ENTERING WILLIAMS PLANT.
- 4) GO AROUND PLANT & CONTINUE SOUTH EASTERLY FOR 2.65 MILES.
- 5) STAY LEFT & CONTINUE ON MAIN ROAD FOR ANOTHER 2.2 MILES TO RADIO TOWERS.
 -) TURN LEFT, GO 0.55 MILES TO "Y" INT.
 - , STAY LEFT, GO 0.2 MILES TO "Y" INT.
 - ; TURN RIGHT, GO 0.55 MILES TO BEGIN ACCESS ON LEFT.
 -) FOLLOW RED FLAGGING 235' TO LOCATION.

WELL FLAG LOCATED AT LAT. 36.65229°N, LONG. 107.88700°W (NAD 83).