

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 10 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-079634 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 McClanahan 9. Well Number #550S	
4. Location of Well Unit J (NWSE), 1975' FSL & 1960' FEL Latitude 36.660365 N Longitude 107.862681 W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) J Sec. 14, T28N, R10W API # 30-045- 34826	
14. Distance in Miles from Nearest Town 10.9 mile/Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1960'		
16. Acres in Lease 2,040.00	17. Acres Assigned to Well FC 320 (S/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1702' from the Julander Gas Com 1		
19. Proposed Depth 2040'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 2097' GL 5744'	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>10/9/08</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE ATM

DATE 10/27/08

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

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

NMOCD NOV 06 2008

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

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

DISTRICT II
1301 West 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

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

API Number 30-045-34826		Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 18577	Property Name MCCLANAHAN		Well Number 550S
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		Elevation 5744'

10 Surface Location

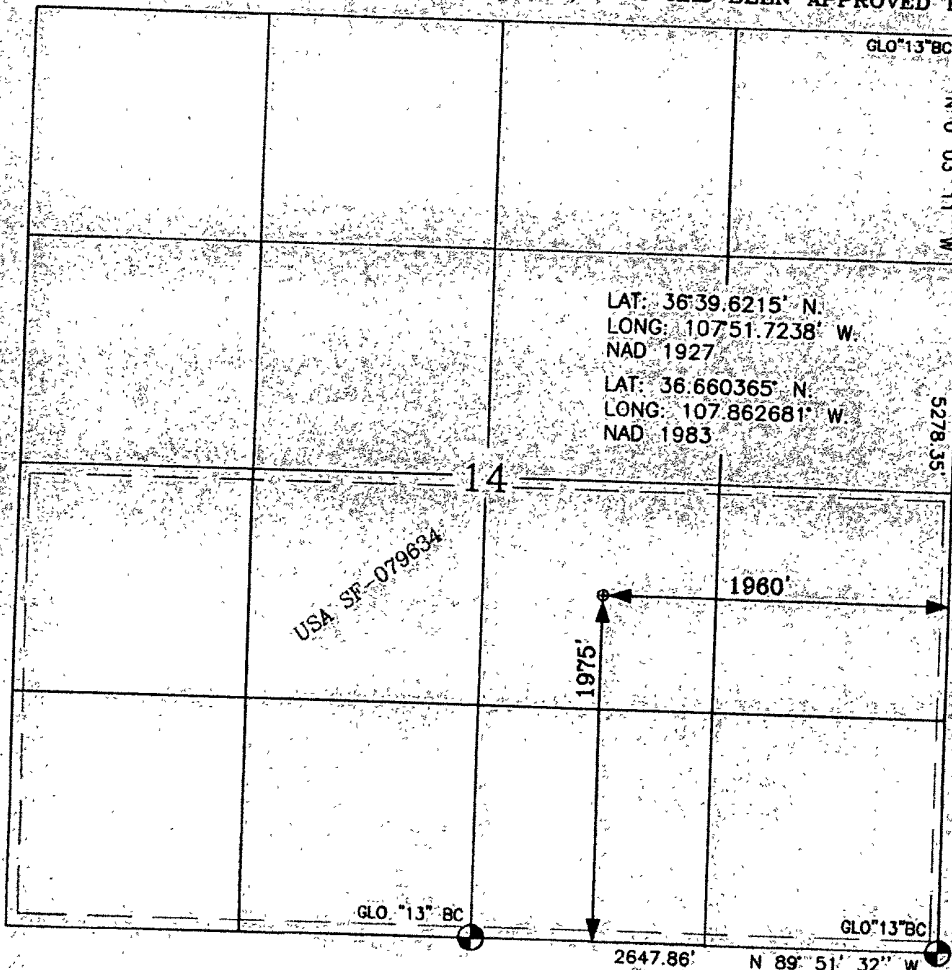
UL or lot no. J	Section 14	Township 28-N	Range 10-W	Lot Idn	Feet from the 1975'	North/South line SOUTH	Feet from the 1960'	East/West line EAST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

UL or lot no. J	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres FC 320.0 ACRES S/2	Joint or Infill	Consolidation Code	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



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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Crystal Tafoya 6-9-08
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.

6-5-08
Date of Survey
Signature
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number
15703

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

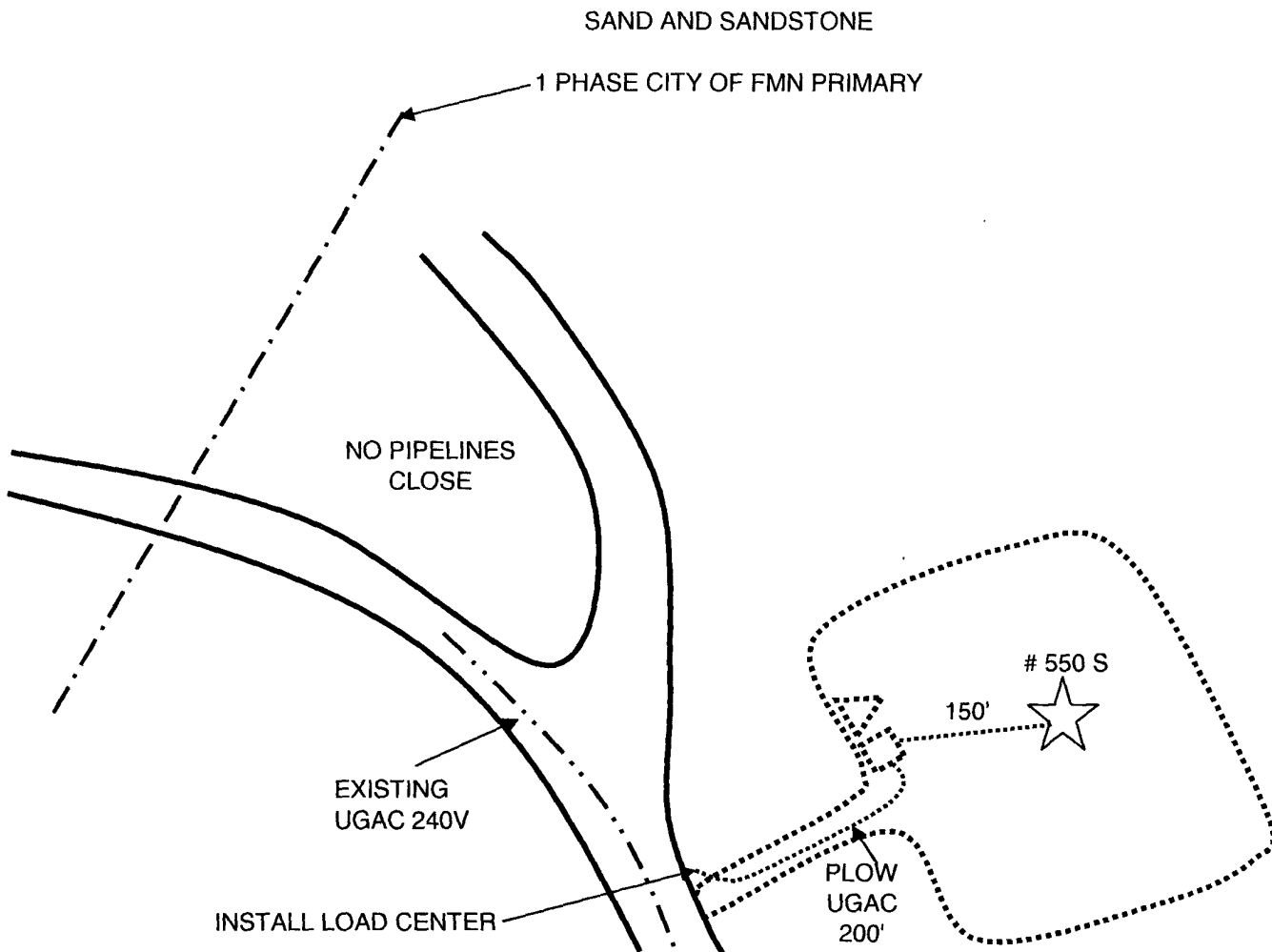
BURLINGTON RESOURCES		
WAN.RFE.PD08.E4		
MCCLANAHAN # 550 S	DATE	6/10/2008
WELL NAME		
WELL NAME		






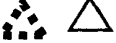




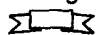




COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	J 14	28 N	10 W	36.660365 N	107.862681 W
COUNTY	SAN JUAN				

	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
<u>RECTIFIER</u>	40/16	X			
<u>SOLAR</u>					
<u>GROUND BED</u>		X			
<u>240 V METER POLE</u>					
<u>480 V METER POLE</u>					
<u>D C CABLES</u>	# 8	200'			
<u>A C CABLES</u>	# 8	250'			
<u>PRIMARY POWER</u>				CITY OF FMN	
<u>DISTANCE TO POWER</u>				?	
<u>UNDERGROUND</u>					
<u>PUMPJACK</u>					
<u>WATER PUMP</u>					

COMMENTS	INSTALL LOAD CENTER
	INSTALL 40/16 RECTIFIER SYSTEM
	NO PIPELINES CLOSE
	SAND AND SANDSTONE

WELL NAME	MCCLANAHAN # 550 S
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TANK 	SEP OR DEHY 	SOLAR 	METER POLE 	PUMP JACK 	GND/BED EXISTING CABLE 
RECT  	PIT 	WELL 	proposed solar/gb 	PROPOSED CABLE 	POWER LINE 
			FOREIGN PL 	CONOCO PL 	

PROJECT PROPOSAL - New Drill / Sidetrack

MCCLANAHAN 550S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8153		AFE \$: 205,784.29	
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:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27

Latitude: 36.660358	Longitude: -107.862063	X:	Y:	Section: 14	Range: 010W
Footage X: 1960 FWL	Footage Y: 1975 FSL	Elevation: 5744	(FT)	Township: 028N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5755	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	5635	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	824	4931	<input type="checkbox"/>			
KIRTLAND	925	4830	<input type="checkbox"/>			
FRUITLAND	1542	4213	<input type="checkbox"/>	300	Gas	
TOP COAL	1661	4094	<input type="checkbox"/>			
TOP UPPER MAIN COAL	1744	4011	<input type="checkbox"/>			
PICTURED CLIFFS	1897	3858	<input type="checkbox"/>		Gas	
Total Depth	2097	3658	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 322 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	MCCLANAHAN 15E	

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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Directions from the Intersection of
Hwy 550 and Hwy64,
in Bloomfield, NM
to
Burlington Resources Oil & Gas Company LP
MCCLANAHAN 550S
1975' FSL & 1960' FEL,
Section 14, T28N, R10W, N.M.P.M., San Juan County,
New Mexico
Latitude: 36° 39' 37.32" N
Longitude: 107° 51' 45.65" W
Nad 83

Go south on Hwy 550 for 1.6 miles to CR 4980,
turn left (southeasterly) on CR 4980 for 1.7 miles,
turn left (easterly) 0.6 miles,
turn right (southerly) 2.8 miles,
continue (easterly) 1.4 miles,
stay left (northeasterly) 0.6 miles,
turn right (easterly) @ y-intersec 0.6 miles,
turn left (northeasterly) @ y-intersec 0.3 miles,
stay right @ y-intersec (northeasterly) 1.3 miles,
stay right (easterly) 200' to beginning of new access on left side of road,
proceed (northerly) 51.42' to the newly staked location.