

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 07 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management

1a. Type of Work
DRILL

5. Lease Number Farmington Field Office
SF-079634
Unit Reporting Number

1b. Type of Well
GAS

6. If Indian, All. or Tribe

RCVD APR 22 '09

2. Operator
BURLINGTON
RESOURCES Oil & Gas Company, LP

7. Unit Agreement Name
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
McClanahan

9. Well Number
5518

4. Location of Well
Surf: Unit J (NWSE), 1835' FSL & 1445' FEL

10. Field, Pool, Wildcat
Basin Fruitland Coal

11. Sec., Twn, Rge, Mer. (NMPM)
J Sec. 24, T28N, R10W
API # 30-045-34941

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

12. County
San Juan

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1445'

16. Acres in Lease
2,040.00

17. Acres Assigned to Well
FC 320.00 (E/2)

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
719' from McClanahan 17E (DK)

19. Proposed Depth
2214'

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

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
5875' GL

22. Approx. Date Work will Start
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Crystal Tafoya
Crystal Tafoya (Regulatory Technician)

4/7/2009
Date

PERMIT NO. APPROVAL DATE

APPROVED BY [Signature] TITLE AFM DATE 4/21/09

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

THIS 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

APR 24 2009

NMOC

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
Geology, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Department
RECEIVED
ON

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

APR 07 2009

Bureau of Land Management ☐ AMENDED REPORT
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34941	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 18577	*Property Name MCCLANAHAN	*Well Number 551S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 5875'

¹⁰ Surface Location

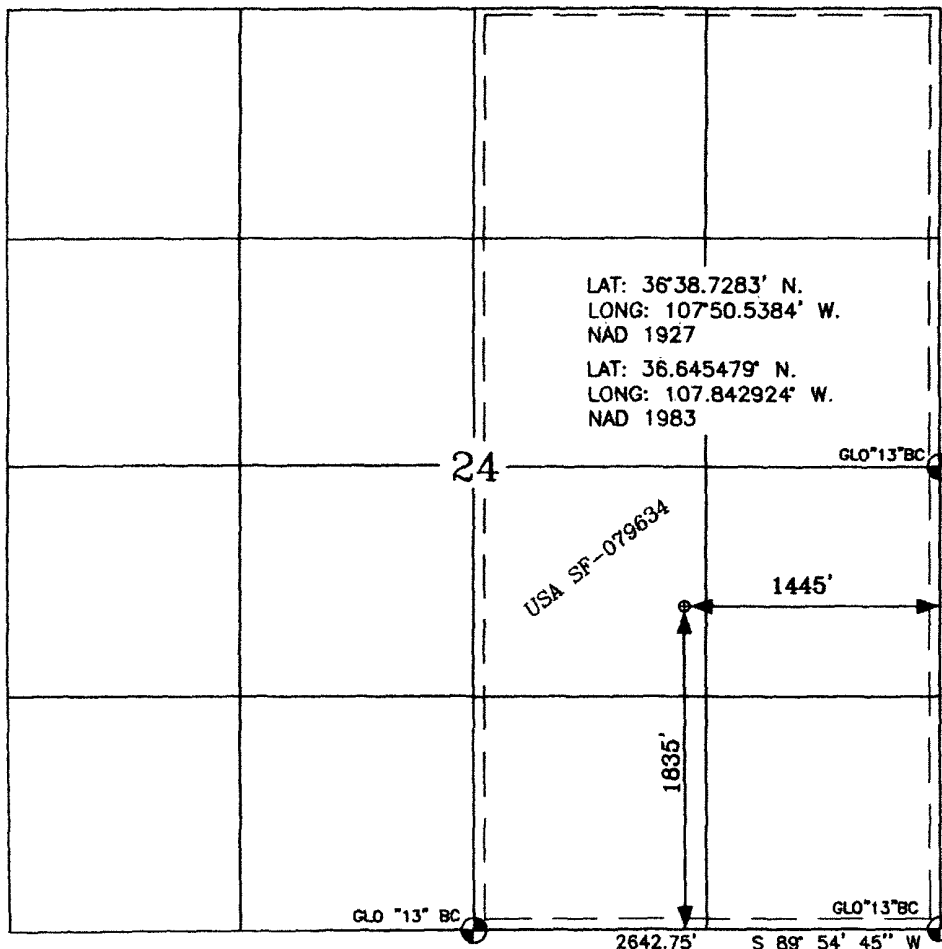
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	24	28-N	10-W		1835'	SOUTH	1445'	EAST	SAN JUAN

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
¹² Dedicated Acres FC 320.0 ACRES E/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

16 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 lease, license, or other agreement with the owner of a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Crystal Tafoya 6/9/08
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.

6-6-68

Date of Survey

Signature

GLN W. Russell

NEW MEXICO

15703

LICENSED PROFESSIONAL SURVEYOR

6-6-68

15703

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PD08.E1		
MCCLANAHAN # 551 S	DATE	6/13/2008
WELL NAME		
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
J 24	28 N	10 W	36.645479 N	107.842924 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
LOAD CENTER

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
# 8	200'			
# 8	1000'			
			CITY FMT	
			2200'	
	X			

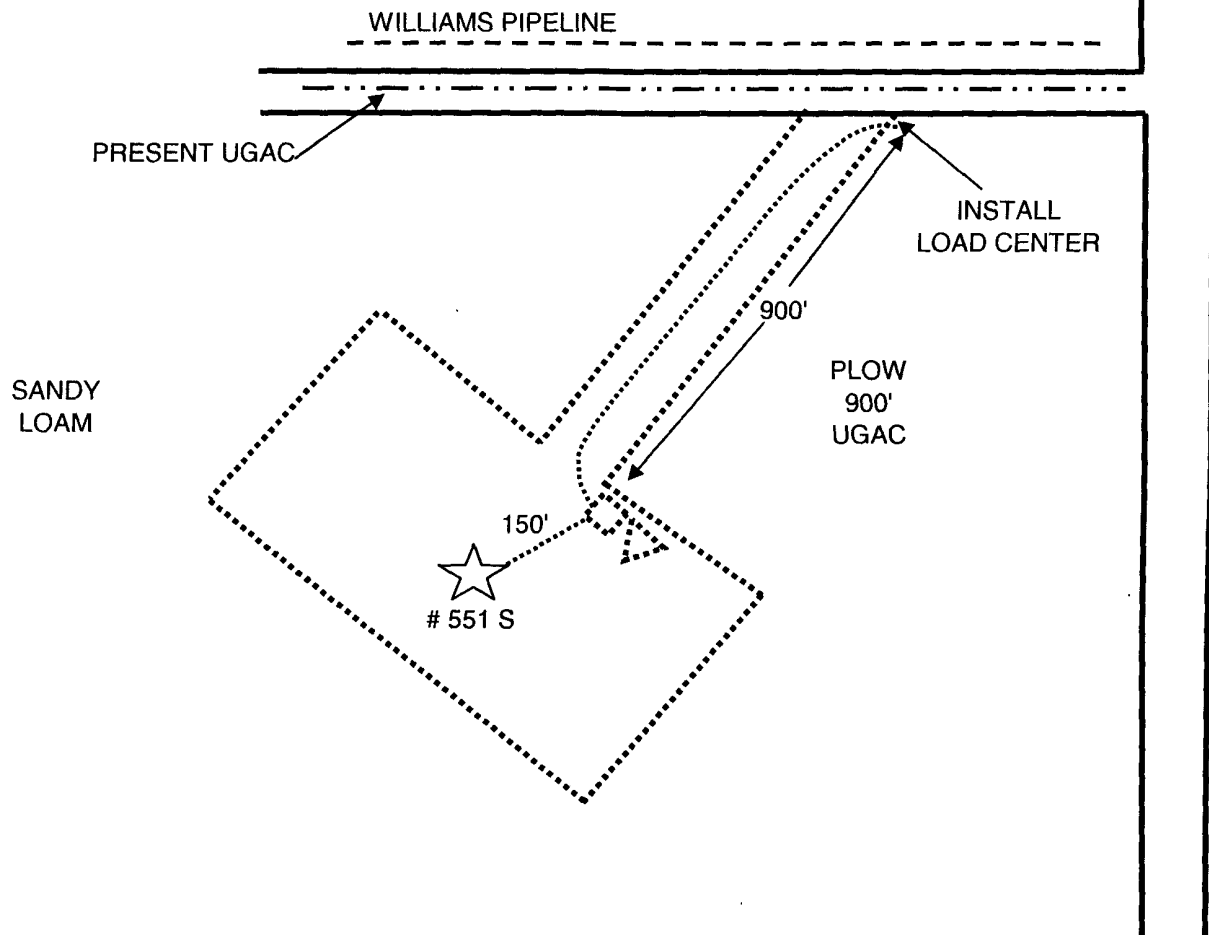
COMMENTS

1 PHASE CITY OF FMN POWER 2200'
SANDY LOAM
INSTALL LOAD CENTER
PLOW 900' OF UGAC
INSTALL RECTIFIER SYSTEM

WELL NAME	MCCLANAHAN # 551 S
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1 PHASE CITY OF FMN POWER 2200'



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

San Juan Business Unit

MCCLANAHAN 551S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8150		AFE \$: 702,828.71	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist: Clark, Dave D		Phone: +1 505-326-9762		Prod. Engineer: Phone:	
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: 36.645472	Longitude: -107.842306	X:	Y:	Section: 24	Range: 010W
Footage X: 1445 FEL	Footage Y: 1835 FSL	Elevation: 5875	(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 = 5886 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5766	<input type="checkbox"/>			8-3/4" hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1049	4837	<input type="checkbox"/>			
KIRTLAND	1090	4796	<input type="checkbox"/>			
FRUITLAND	1748	4138	<input type="checkbox"/>	250		Gas
PICTURED CLIFFS	2014	3872	<input type="checkbox"/>			Gas
Total Depth	2214	3672	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 340 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	McClanahan 8	SE24 28-10

Logging Program:

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

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

No OH logs or mud logs.

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 551S
1835' FSL & 1445' FEL,
Section 24, T28N, R10W, N.M.P.M., San Juan County,
New Mexico
Latitude: 36° 38' 43.72" N
Longitude: 107° 50' 34.53" W
Nad 83

Go south on Hwy 550 for 1.0 miles to CR 4990,
turn left (easterly) on CR 4990 (Sullivan Road) 8.5 miles,
turn right (southerly) 1.7 miles,
turn right (southwesterly) 0.7 miles,
turn left (southerly) 1.3 miles,
turn right (northwesterly) 0.1 miles,
turn left (northwesterly) @ y-intersec and continue 300'
to beginning of new access on left side of road,
proceed (southwesterly) 575.52' to the newly staked location.