

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 07 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-077383-A Unit Reporting Number NMNM-688274
1b. Type of Well GAS	6. If Indian, All. or Tribe RCVD OCT 28 '08
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name UIC CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name J C Davidson D 9. Well Number #1S
4. Location of Well Surf: Unit I (NESE), 2440' FSL & 685' FEL Surf: Latitude 36.647170° N Longitude 107.876336° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 22, T28N, R10W API # 30-045-34822
14. Distance in Miles from Nearest Town 9.7 miles/Bloomfield	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 685'	17. Acres Assigned to Well 320.0 (E/2)
16. Acres in Lease 1280.000	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1206' from Davidson Gas Com H 1	
19. Proposed Depth 2273'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6007' GR	22. Approx. Date Work will Start 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
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	Date 10/16/08

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Mantle

TITLE AFM

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 NMR-000015 and NMB-000089

NOV 06 2008

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

A COMPLETE C-144 MUST BE SUBMITTED TO AND
APPROVED BY THE NMOC FOR: A PIT, CLOSED
LOOP SYSTEM, BELOW GRADE TANK, OR
PROPOSED ALTERNATIVE METHOD, PURSUANT TO
NMOC PART 19.15.17, PRIOR TO THE USE OR
CONSTRUCTION OF THE ABOVE APPLICATIONS.

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

¹ API Number 30-045-34822	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 6942	⁵ Property Name JC DAVIDSON D	⁶ Well Number 1S
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6007'

¹⁰ Surface Location

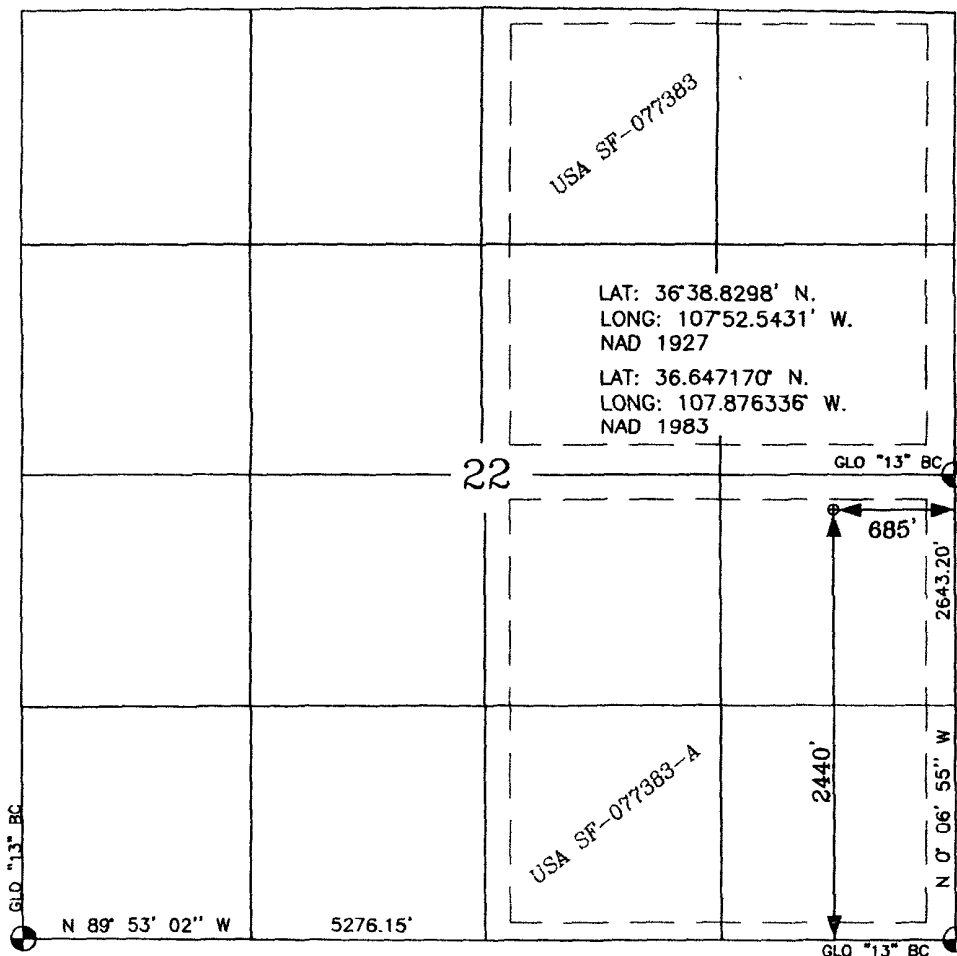
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	22	28-N	10-W		2440'	SOUTH	685'	EAST	SAN JUAN

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
I									
¹² Dedicated Acres FC 320.0 ACRES E/2			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



17 OPERATOR CERTIFICATION

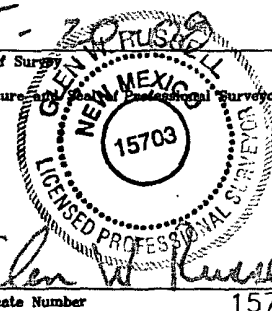
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this 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.

Crystal Tafaya 5/28/08
Signature
Crystal Tafaya 5-28-08
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.

5-28-08
Date of Survey
Signature and Seal of Professional Surveyor
GLEN W. KENNEDY
Certificate Number 15703



COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PD08.C9

WELL NAME

J C DAVIDSON D # 1 S

DATE

5/29/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

1 22

28 N

10 W

36.647170 N

107.876336 W

COUNTY

SAN JUAN

RECTIFIER

SIZE

NEEDED

EXISTING

1 PHASE

3 PHASE

40/16

X

SOLARGROUND BED

X

240 V METER POLE

X

480 V METER POLED C CABLES

8

200'

A C CABLES

8

900'

PRIMARY POWER

CITY OF FMN

DISTANCE TO POWER

800'

UNDERGROUNDPUMPJACKWATER PUMP**COMMENTS**

INSTALL SINGLE WELL RECTIFIER SYSTEM, INSTALL METER POLE

SANDY LOAM

1 PHASE CITY OF FMN POWER 800'

PLOW 800' UGAC

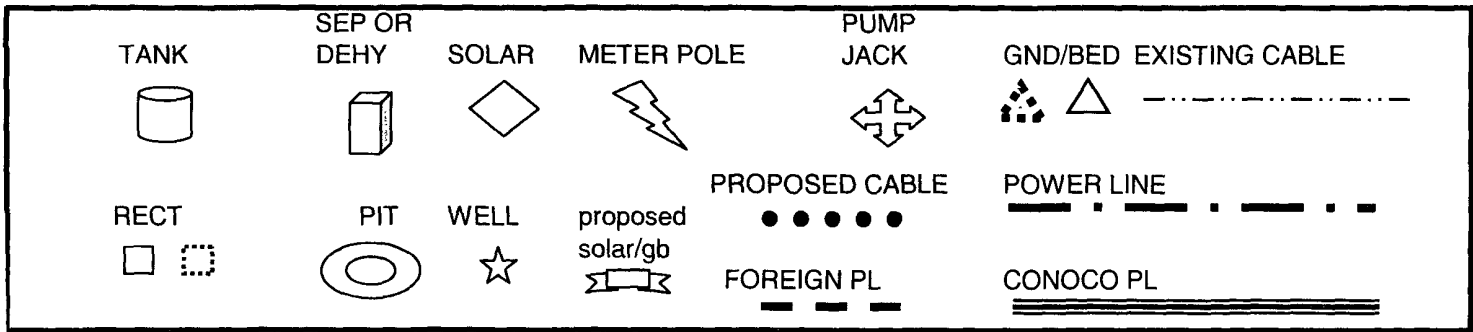
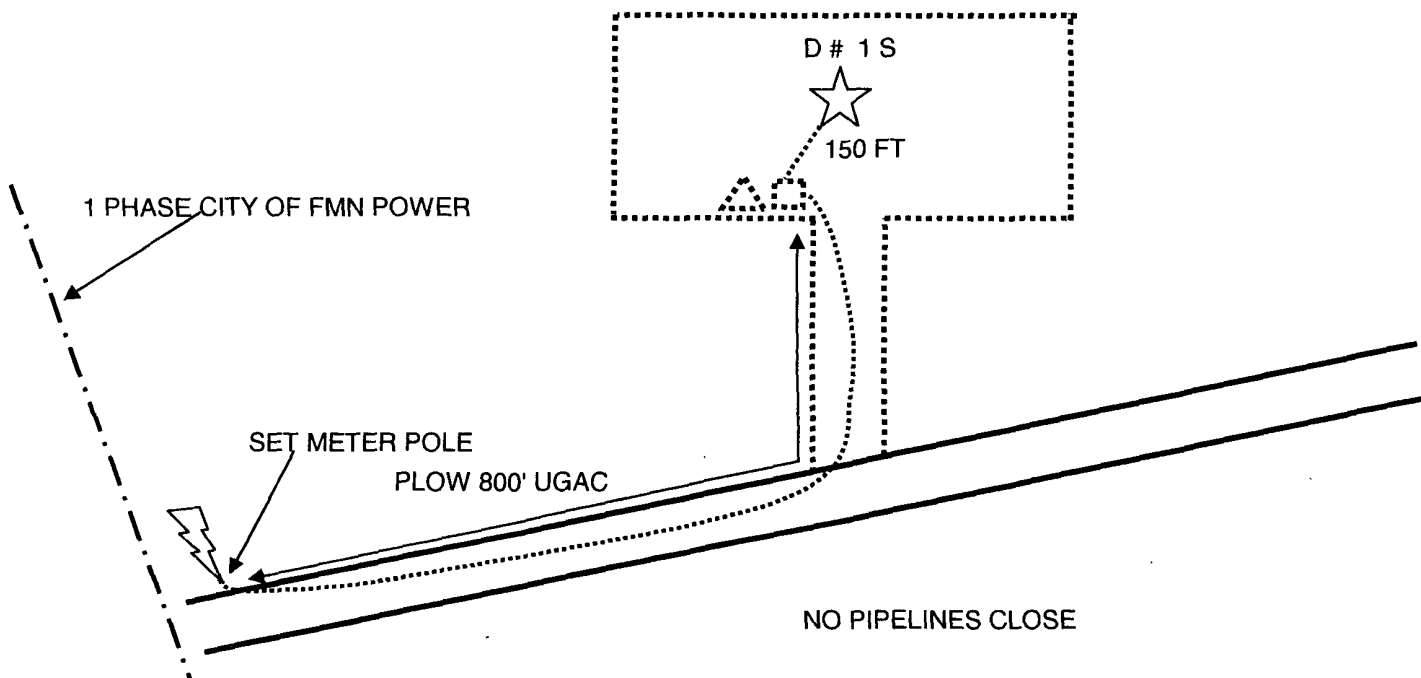
NO PIPELINES CLOSE

WELL NAME	J C DAVIDSOND # 1 S
-----------	---------------------



SANDY LOAM

INSTALL RECTIFIER SYSTEM



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

J C DAVIDSON D 1S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8140		AFE \$: 235,913.89	
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: 36.647163	Longitude: -107.875717	X:	Y:	Section: 22	Range: 010W
Footage X: 685 FEL	Footage Y: 2440 FSL	Elevation: 6007	(FT)	Township: 028N	

Tolerance:

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

Formation Data: Assume KB = 6018 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5898	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1008	5010	<input type="checkbox"/>			
KIRTLAND	1114	4904	<input type="checkbox"/>			
FRUITLAND	1753	4265	<input type="checkbox"/>	225	Gas	
PICTURED CLIFFS	2073	3945	<input type="checkbox"/>		Gas	
Total Depth	2273	3745	<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
----------------	-----------	----------

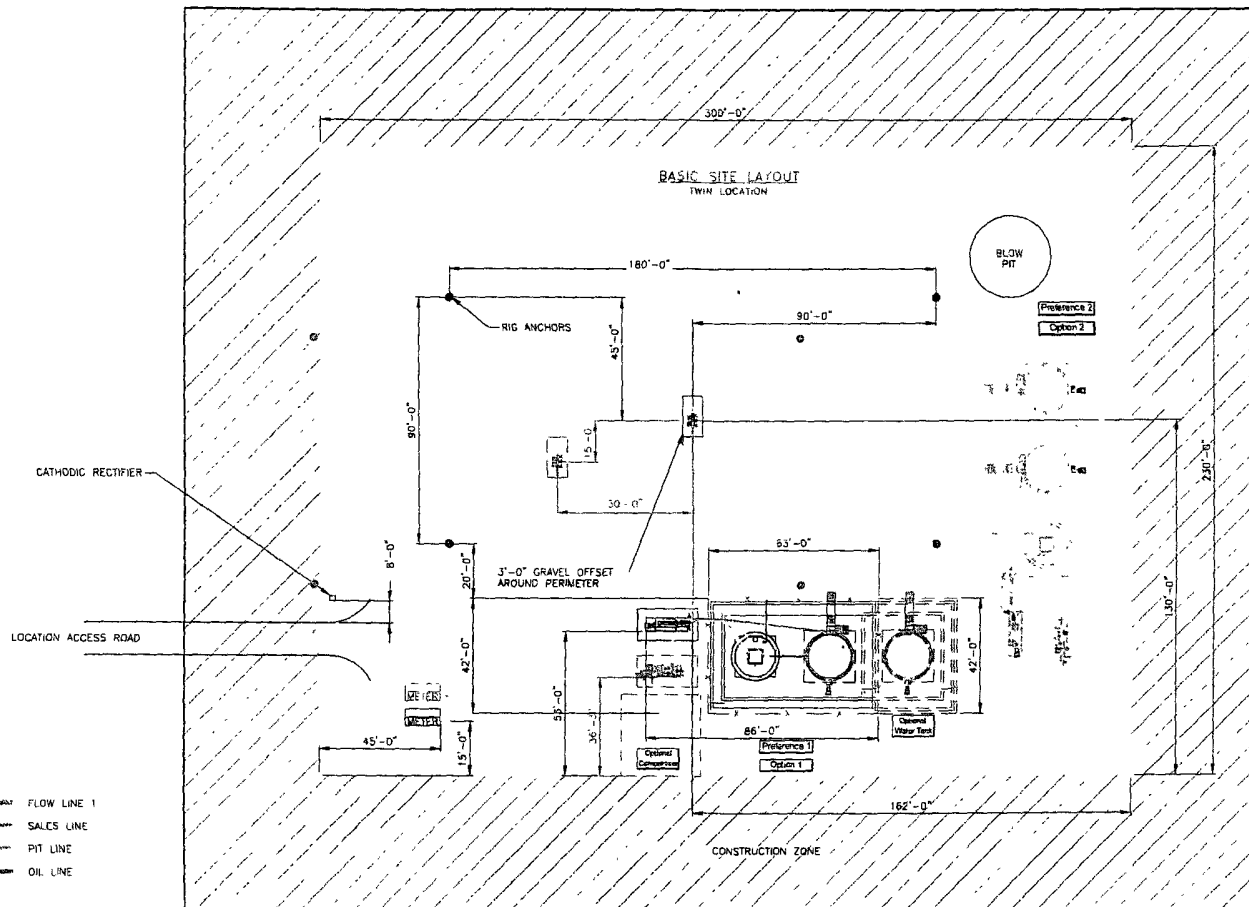
Logging Program:

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

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

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		CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT			
DISCIPLINE		REVIEWED		DATE		NO.		DESCRIPTION							
PROJECT	MECHANICAL														
APPROV	ELECTRICAL														
I & C															
CONSTRUCTION	PROJECT														
DESCRIPTION	DATE	BY	CHECKED	ENG	DISC	PRJ	SAN JUAN BUSINESS UNIT				CLIENT FILE	CLIENT APPRO	DATE	LOCATION DATE	SHEET No.
											DRAWN BY	SCALE		6/20/07	1 OF 5
											DWG No.	HP3PHASE-REV1			

\\hcrress.s\lga\PRD\c\m\m\m\Regulatory\Twin Location Site Layout.dwg 06/28/2007 - 02:39pm

Directions from the Intersection of
Hwy 550 and Hwy64,
in Bloomfield, NM
to
Burlington Resources Oil & Gas Company LP
JC DAVIDSON D 1S
2440' FSL & 685' FEL,
Section 22, T28N, R10W, N.M.P.M., San Juan County,
New Mexico
Latitude: 36° 38' 49.81" N
Longitude: 107° 52' 34.81" W
Nad 83

From the Intersection of Hwy 550 and Hwy 64
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 right (northeasterly) @ y-intersec 0.4 miles,
to the newly staked location.