

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 17 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-079050-C 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 San Juan 28-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number 419S	
4. Location of Well Surf: Unit O (SWSE), 1190' FSL & 1830' FEL Surf: Latitude: 36.628308 N Longitude: 107.451703 W	10. Field, Pool, Wildcat Basin FC 11. Sec., Twn, Rge, Mer. (NMPM) O Sec. 27, T28N, R6W API # 30-039- 30684	
14. Distance in Miles from Nearest Town 29.4 mile/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1190'	17. Acres Assigned to Well FC 320.00 (E/2)	
16. Acres in Lease 920.00	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 72' from San Juan 28-6 149M (DK/MV)	
19. Proposed Depth 3473'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6504' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>James Gardenhire</u> James Gardenhire (Regulatory Technician)	Date <u>2-16-09</u>	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 9/9/09

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

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".

APR 15 2009
[Signature] NMOCD
[Signature]

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
1825 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 West Grand Avenue, Artesia, N.M. 88210

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

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

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

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

Bureau of Land Management
Farmington Field Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30684	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 419S
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6504'

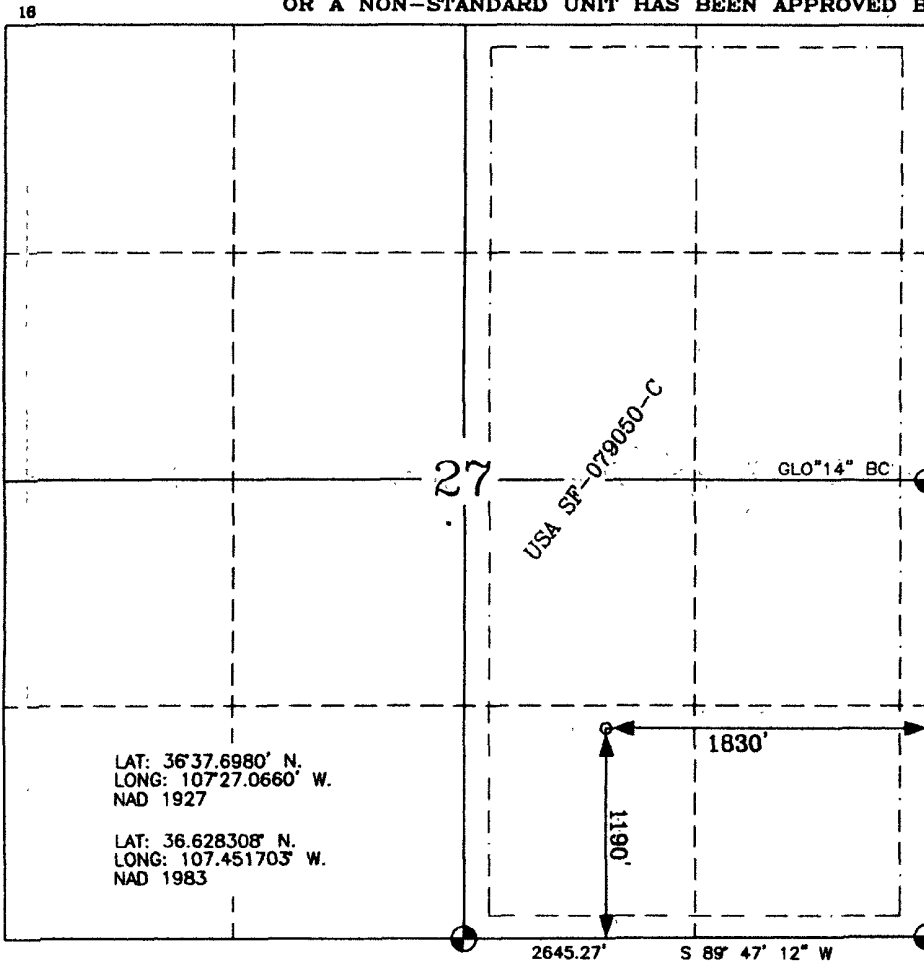
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	27	28-N	6-W		1190'	SOUTH	1830'	EAST	RIO ARRIBA

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
0									
¹² Dedicated Acres FC 320.0 ACRE 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



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 the 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.

James Gardenhire 11/24/08
Signature

James Gardenhire
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.

9-2-08
Date of Survey

Gene W. Russell
Signature

GENE W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR

Gene W. Russell
Certificate Number 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 419S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8247		AFE \$: 314,380.13	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA
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: Datum Code: NAD 27

Latitude: 36.628300	Longitude: -107.451099	X:	Y:	Section: 27	Range: 006W
Footage X: 1830 FEL	Footage Y: 1190 FSL	Elevation: 6504 (FT)	Township: 028N		

Tolerance:

Location Type: Year Round Start Date (Est.): 1/1/2010 Completion Date: Date In Operation:

Formation Data: Assume KB = 6515 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6395	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	2612	3903	<input type="checkbox"/>			
KIRTLAND	2685	3830	<input type="checkbox"/>			
FRUITLAND	2915	3600	<input type="checkbox"/>	500		Gas
PICTURED CLIFFS	3273	3242	<input type="checkbox"/>			Gas
Total Depth	3473	3042	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 534 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	28-6 149M	SE27 28-6

Logging Program:

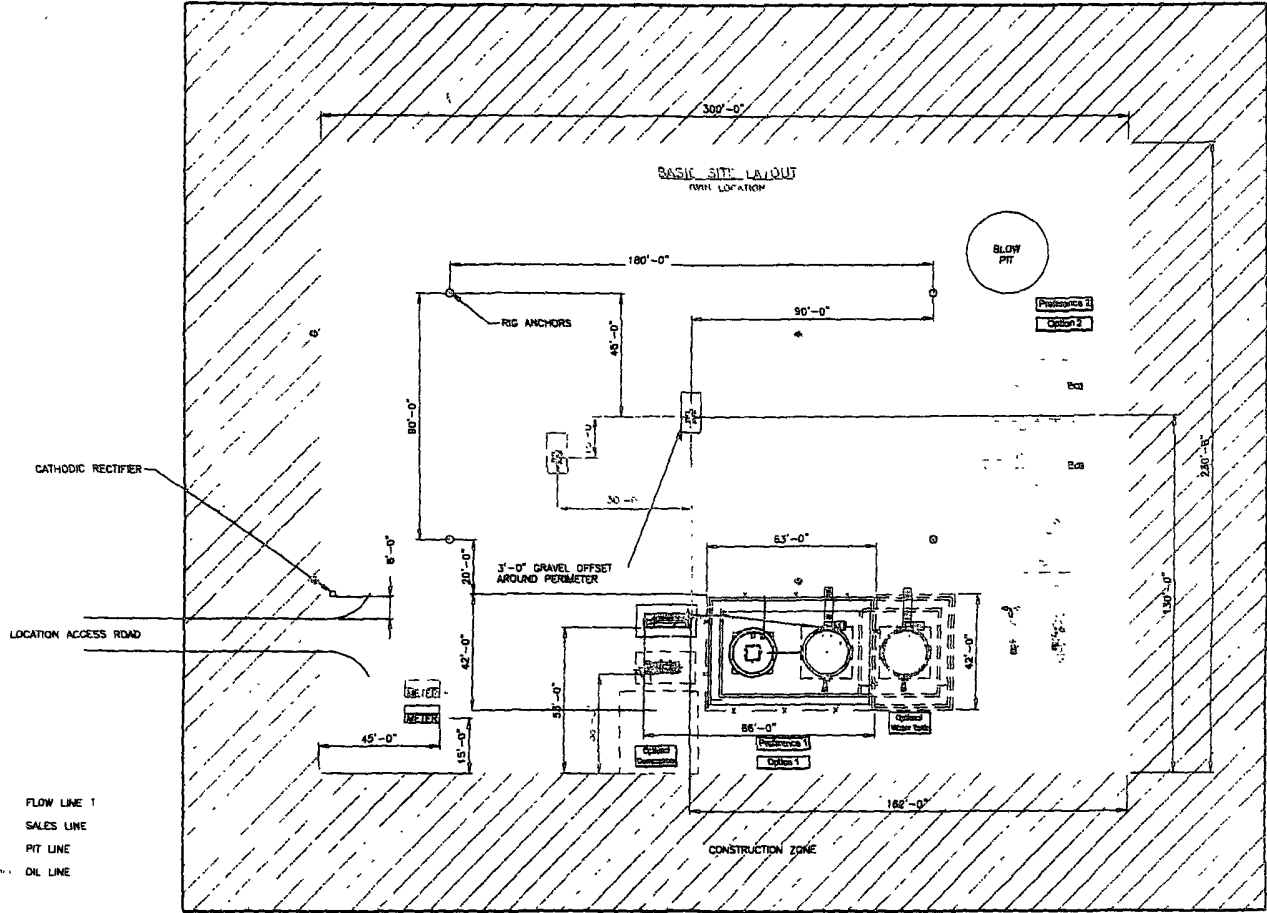
Intermediate Logs: Log only if show GR/ILD Triple Combo

TD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other

No OH logs or mud loggers needed.

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



SAN JUAN BUSINESS UNIT

CONOCOPHILLIPS
HIGH PRESSURE 3 PHASE
FACILITY DIAGRAM - SITE LAYOUT

ENGINEERING REVIEW										REFERENCE DRAWINGS	
DESCRIPTION	DATE	BY	CHK'D	ENG	DES	PM	REVISION	DATE	NO.	DESCRIPTION	
PROCESS											
MECHANICAL											
PIPING											
ELECTRICAL											
INSULATION											
CONSTRUCTION											
PROJECT											

CLIENT NO.	CLIENT NAME	APPRO. DATE
PROJECT NO.	SHEET NO.	CREATED DATE 6/21/07
DATE	BY	PROJECT
HP3PHASE-REV1	1 OF 5	

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Directions from the Post Office
in Blanco, NM
to
Burlington Resources Oil & Gas Company LP
SAN JUAN 28-6 UNIT 419S
1190' FSL & 1830' FEL,
Section 27, T28N, R6W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36° 37' 41.91" N
Longitude: 107° 27' 06.13" W
Nad 83

From the Post Office in Blanco, NM
Take Highway 64 East for 22.8 miles
turn right (southerly) for 3.4 miles,
stay right @ y-intersec (southwesterly) for 2.1 miles,
continue through intersection for 0.6 miles,
turn right (northwesterly) for 0.5 miles,
to the newly staked location twinned on existing well pad,
SAN JUAN 28-6 UNIT 149M.