

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 22 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA 84 -013657 Unit Reporting Number NMNM-78412A-MV NMNM-78412C-DIC	
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 RCVD DEC 30 '08 9. Well Number #114N OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit H(ENE), 2085' FNL & 660' FEL Surf: Latitude 36.633771 N Longitude 107.411781 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 25, T28N, R6W API # 30-039-30539	
14. Distance in Miles from Nearest Town 43 miles/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	17. Acres Assigned to Well 320.00 (E/2) - DK/MV	
16. Acres in Lease 480.00 960.00		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1224' from San Juan 28-6 Unit #472		
19. Proposed Depth 7912'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6658' 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>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	Date <u>5-21-08</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 12/18/08

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 3

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

JAN 05 2009

NMOCD 86

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

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 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

RECEIVED

MAY 22 2008

Bureau of Land Management
Farmington Field Office

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30539	² Pool Code 72319/71599	³ Pool Name Blanco MESAVERDE / DAKOTA
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 114N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6658

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
H	25	28-N	6-W		2085	NORTH	660	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
H									

¹² Dedicated Acres 320 E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ WELL FLAG NAD 83 LAT: 36.633771° N LONG: 107.411781° W NAD 27 LAT: 36°38.025752' N LONG: 107°24.670693' W E/2 DEDICATED ACREAGE USA SF-013657 SECTION 25, T-28-N, R-6-W	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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Sasha Spangler Printed Name Regulatory Technician Title and E-mail Address 01-18-08 Date	
	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. Date of Survey: 1/4/08 Signature and Seal of Professional Surveyor: Certificate Number: NM 11393	

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO7.LQ

WELL NAME

SAN JUAN 28 - 6 # 114 N

DATE

1/18/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES**SEC****TNSHP****RANGE****LATITUDE****LONGITUDE**

H 25

28 N

6 W

36.633771 N

107.411781 W

COUNTY

RIO ARRIBA

RECTIFIER

30/12

X

SOLARGROUND BED

X

240 V METER POLE480 V METER POLED C CABLES

8

200'

A C CABLES

8

1500 FT

PRIMARY POWERDISTANCE TO POWERUNDERGROUNDPUMPJACKWATER PUMPCOMPRESSORRTUSAMSTANKS

SIZE

NEEDED

EXISTING

1 PHASE

3 PHASE

JEMEZ

2000'

COMMENTS

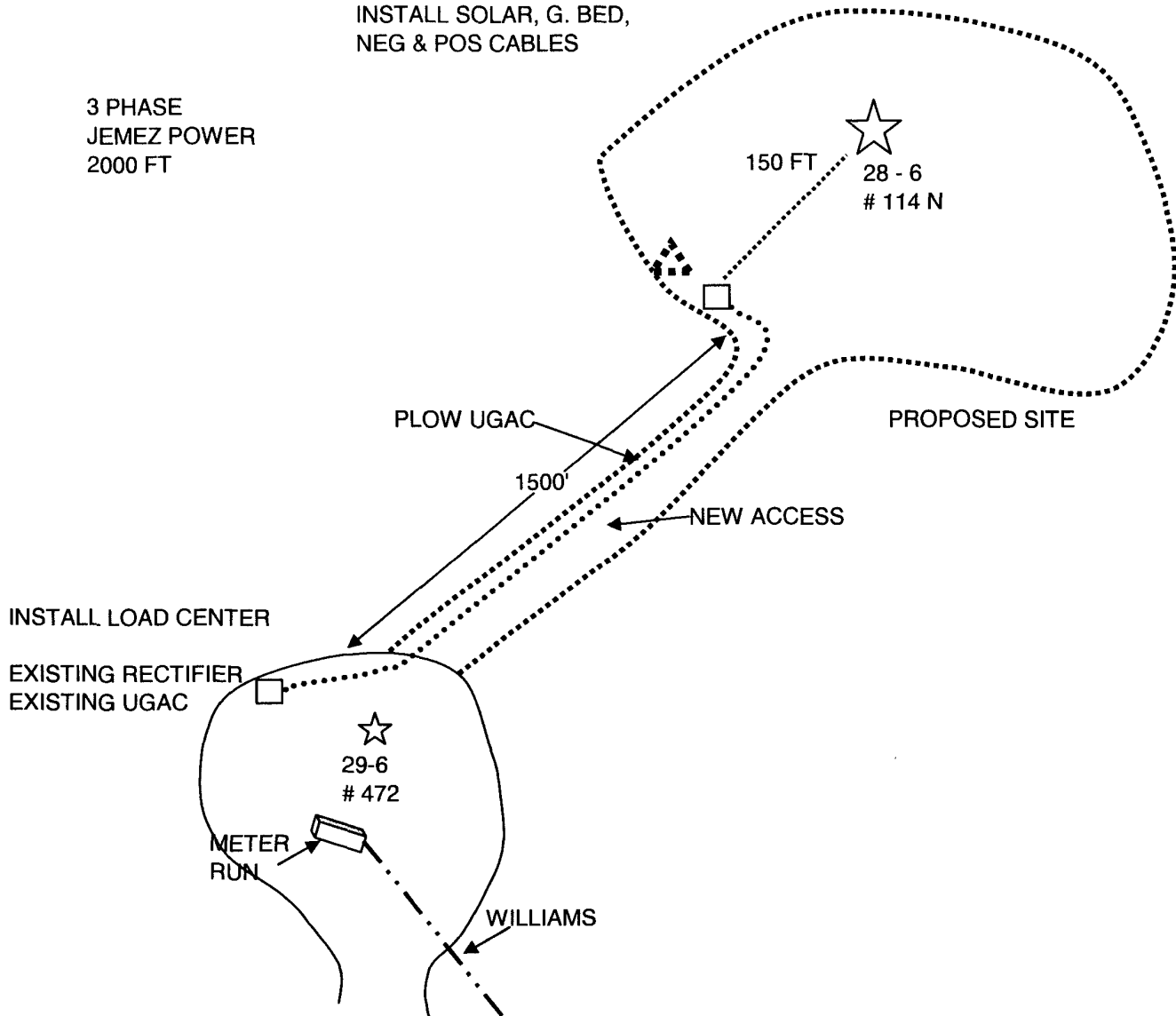
INSTALL LOAD CENTER ON OLD LOC - PLOW UGAC 1500 FT TO NEW LOC

SANDY LOAM SOIL

WELL NAME	SAN JUAN 28 - 6 # 114 N
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LOCATION NOT BUILT
AC NOT CLOSE
INSTALL SOLAR, G. BED,
NEG & POS CABLES

3 PHASE
JEMEZ POWER
2000 FT



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

BURLINGTON RESOURCES OIL AND GAS COMPANY LP
SAN JUAN 28-6 UNIT #114N

2085' FNL, 660' FEL

SECTION 25, T-28-N, R-6-W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.636122° N LONG.: 107.414508° W

ELEV.: 6658 NAVD88

NEW ACCESS ROAD 1404.9'

DRIVING DIRECTIONS TO BROG SAN JUAN 28-6 UNIT #114N.

DRIVING DIRECTIONS START FROM BLOOMFIELD, N.M. AT
INTERSECTION OF HWY. 64 AND HWY. 550.

- GO EAST 36.4 MI. (TO MILE POST 101.1) AND TURN
RIGHT (BY GOBERNADOR SCHOOL).
- GO 4.5 MI. SOUTH ON C.R. 366 (GENERAL AMERICAN
ROAD). TURN RIGHT.
- GO 0.8 MI. NORTH WEST. TURN LEFT AT "Y" IN ROAD.
- GO 0.7 MI. WEST. TURN LEFT ONTO WELL ACCESS ROAD.
- GO 0.3 MI. SOUTH EAST TO EXISTING LOCATION OF SAN
JUAN 28-6 UNIT #472. BEGIN 1404.9 FT. NEW ACCESS
OFF WEST SIDE OF ROAD, AT ENTRANCE TO LOCATION
OF UNIT #472.
- GO SOUTHEASTERLY TO STAKED PAD FOR SAN JUAN 28-6
UNIT #114N.
N:\BURLINGTON\

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 114N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7475				AFE \$:	
Field Name: hBR_SAN JUAN 28-6 UNIT		Rig: Aztec Rig 301		State: NM	County: RIO ARRIBA	API #:	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
R20076	DAKOTA(R20076)						
R20002	MESAVERDE(R20002)						
Location: Surface Datum Code: NAD 27							
Latitude: 36.633763		Longitude: -107.411178		X:	Y:	Section: 25	Range: 006W
Footage X: 660 FEL		Footage Y: 2085 FNL		Elevation: 6658 (FT)	Township: 028N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6670 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6470	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
OJO ALAMO	2784	3886	☐				
KIRTLAND	2897	3773	☐				
FRUITLAND	3064	3606	☐			Possible Gas	
PICTURED CLIFFS	3476	3194	☐				
LEWIS	3602	3068	☐				
Intermediate Casing	3702	2968	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 834 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	4070	2600	☐				
CHACRA	4418	2252	☐				
MASSIVE CLIFF HOUSE	5144	1526	☐	661		Gas	
MENEFEE	5277	1393	☐				
MASSIVE POINT LOOKOUT	5638	1032	☐				
MANCOS	5905	765	☐				
UPPER GALLUP	6842	-172	☐				
GREENHORN	7587	-917	☐				
GRANEROS	7642	-972	☐				
TWO WELLS	7682	-1012	☐	2150		Gas	
UPPER CUBERO	7780	-1110	☐				
LOWER CUBERO	7822	-1152	☐				
Total Depth	7912	-1242	☐			6-1/4" hole, 4 1/2" csg. 10.5 / 11.6 ppf J-55 ST&C / LT&C. Cement with 573 cuft. Circulate cement to at least 100-ft inside previous csg. string.	
ENCINAL	7912	-1242	☐				
Reference Wells:							
Reference Type	Well Name		Comments				
Production	SJ 28-6 # 114M						
Production	SJ 28-6 # 114						

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 114N

DEVELOPMENT

Logging Program:

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

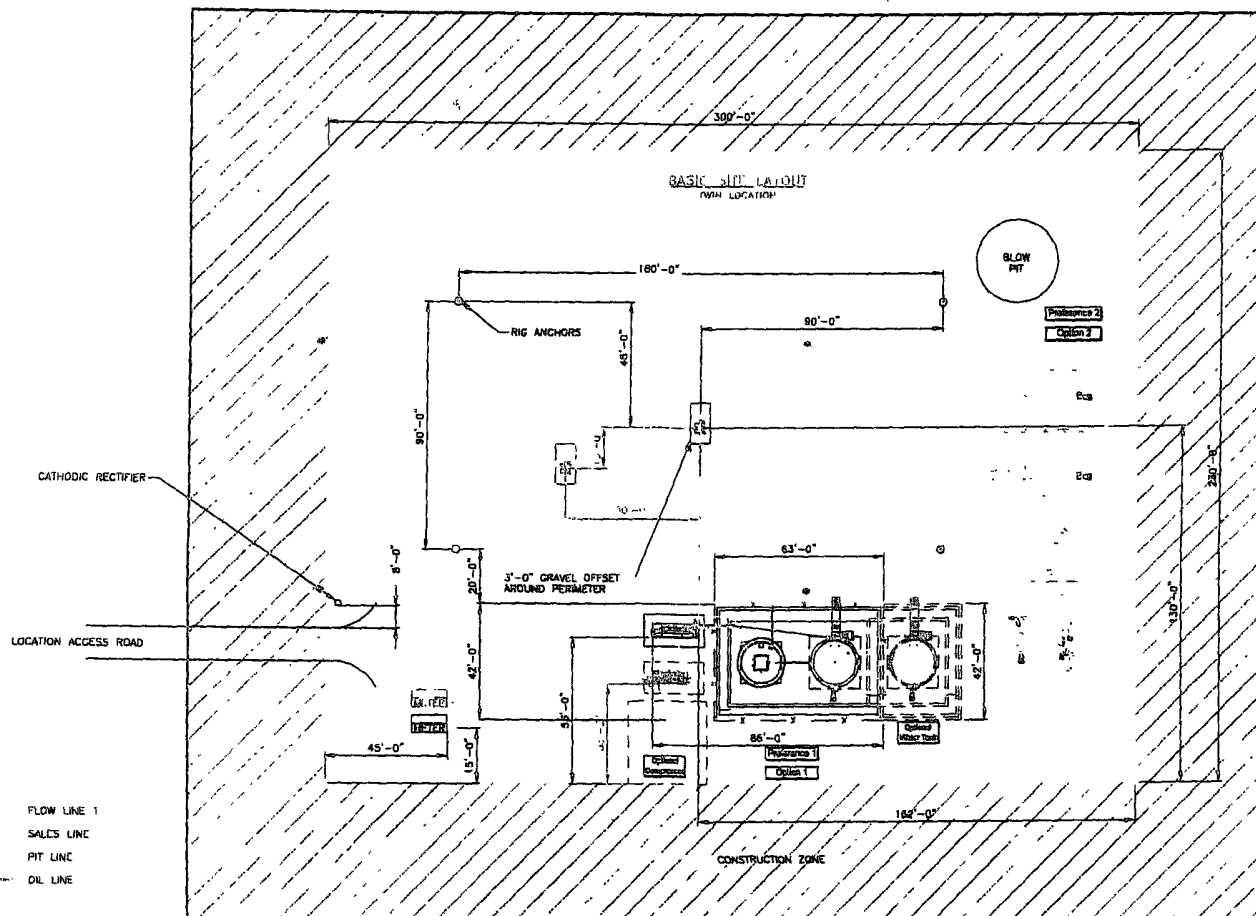
TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

GR_CBL.

Mudlogger begin 100' above Greenhorn. Mudlogger call TD. TD at top of Encinal. BP 20' above TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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FLOW LINE 1
SALES LINE
PIT LINE
OIL LINE

SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPING IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

ENGINEERING REVIEW										REFERENCE DRAWINGS		CenocoPhillips			CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
DESCRIPTION	DATE	BY	CHK'D	CHK	DESC	PRJ	PROJ	PROJ	PROJ	REF	DESCRIPTION	SAN JUAN BUSINESS UNIT			CLIENT FILE	CLIENT APPR.	APPR. DATE
PROCESS															CLIENT FILE	CLIENT APPR.	APPR. DATE
MECHANICAL															CLIENT FILE	CLIENT APPR.	APPR. DATE
PIPING															CLIENT FILE	CLIENT APPR.	APPR. DATE
ELECTRICAL															CLIENT FILE	CLIENT APPR.	APPR. DATE
I & C															CLIENT FILE	CLIENT APPR.	APPR. DATE
CIVIL/STRUCTURAL															CLIENT FILE	CLIENT APPR.	APPR. DATE
PROJECT															CLIENT FILE	CLIENT APPR.	APPR. DATE

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