

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR 14 2008 Bureau of Land Management Farmington Field Office	5. Lease Number SF-078103-A 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 Huerfano Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number #289
4. Location of Well Surf: Unit J(NWSE), 1440' FSL & 2385' FEL Surf: Latitude 36.441413° N Longitude 107.775703° W		10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 34, T26N, R9W API # 30-045-34638
14. Distance in Miles from Nearest Town 30 miles/Bloomfield		12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1440'		13. State NM
16. Acres in Lease 640.00		17. Acres Assigned to Well 320.00 - (S/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2716' from Huerfano Unit #553 - FC		
19. Proposed Depth 6785'		20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6496' GR		22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT	
24. Authorized by: <u>Crystal Walker</u> Crystal Walker (Regulatory Technician)	ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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 4

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

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

OCT 06 2008

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

MAR 14 2008

Bureau of Land Management
Farmington Field Office
AMMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34658		² Pool Code 71599		³ Pool Name BASIN DAKOTA	
⁴ Property Code 7138 7139		⁵ Property Name HUERFANO UNIT			⁶ Well Number 289
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP			⁹ Elevation 6496

¹⁰ SURFACE LOCATION

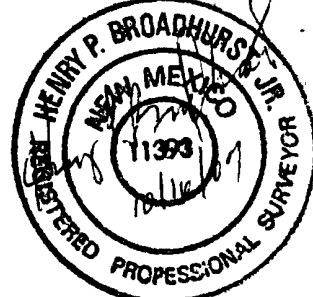
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	34	26-N	9-W		1440	SOUTH	2385	EAST	SAN JUAN

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
J									

¹² Dedicated Acres 320.00 S/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				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. <i>Jamie Goodwin</i> Signature Jamie Goodwin Printed Name Regulatory Tech. Title and E-mail Address 02/07/2008 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: 9/21/07 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393	
WELL FLAG NAD 83 LAT: 36.441413° N LONG: 107.775703° W NAD 27 LAT: 36°26.484189' N LONG: 107°46.505295' W				S/2 DEDICATED ACREAGE SF-078103-A SECTION 34 T-26-N, R-09-W 2385'	
S 89°56' E S 89°56'22" E				5221.9' (R) 5225.1' (M)	

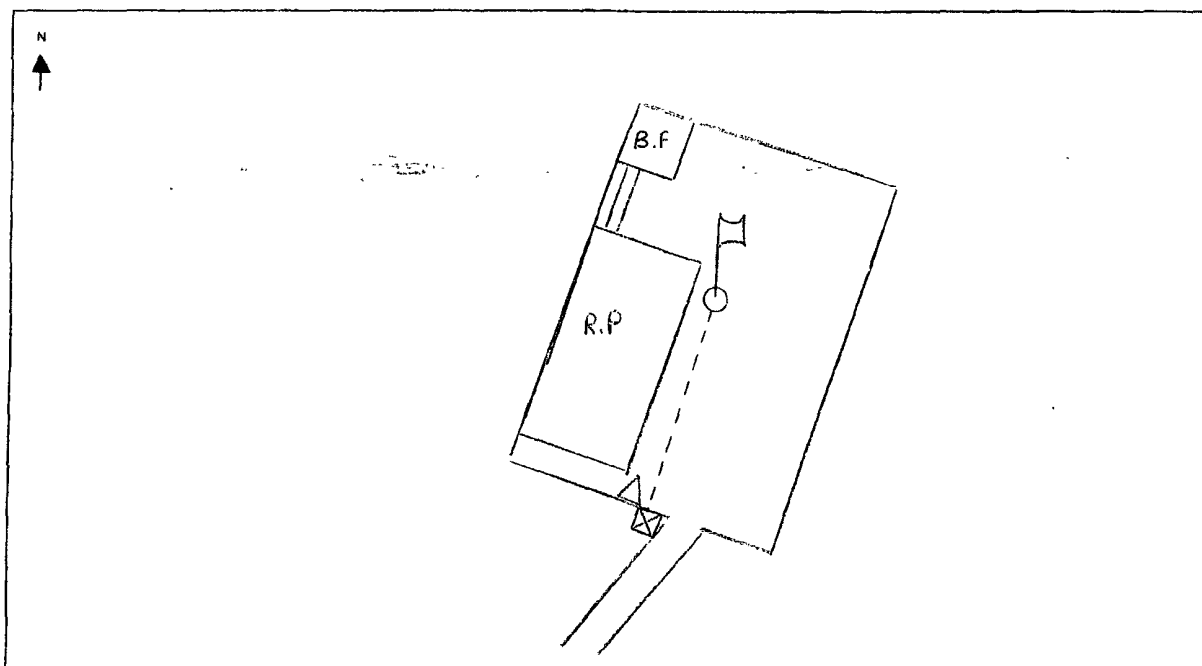


ORIGINAL
JUL 11 2007
JUL 11 2007

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Huerfano Unit #289 LEGALS J-34-26-9 COUNTY San Juan

PURPOSED C.P. SYSYEM: Drill 3E and set solar on SW edge of location. Trench
aprox 200' of #8 neg. from proposed well to solar.



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: _____

NEAREST POWER SOURCE _____ DISTANCE: _____

PIPELINES IN AREA: _____

TECHNICIAN: Michael J. Hingorani DATE: 10/25/07

JP

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANO UNIT 289

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7264		AFE \$: 888,950.00	
Field Name: hBR_SAN JUAN		Rig: Bearcat Rig 4		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist: Head, Chip F		Phone: 505-326-9772	Prod. Engineer:		Phone:
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797	Proj. Field Lead:		Phone:
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location: Datum Code: NAD 27					
Latitude: 36.441403	Longitude: -107.775089	X:	Y:	Section: 34	Range: 009W
Footage X: 2385 FEL	Footage Y: 1440 FSL	Elevation: 6496 (FT)	Township: 026N		
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date: "	
Date In Operation: "					
Formation Data: Assume KB = 6508 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	6188	<input type="checkbox"/>		
					320' 8 5/8" 24 ppf, J-55, STC casing. Cement with xxx cuft. Circulate cement to surface. 312
OJO ALAMO	1188	5320	<input type="checkbox"/>		
KIRTLAND	1296	5212	<input type="checkbox"/>		
FRUITLAND	1698	4810	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	1988	4520	<input type="checkbox"/>		
LEWIS	2121	4387	<input type="checkbox"/>		
HUERFANITO BENTONITE	2373	4135	<input type="checkbox"/>		
CHACRA	2848	3660	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	3575	2933	<input type="checkbox"/>		
MENEFEE	3595	2913	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	4368	2140	<input type="checkbox"/>		GAS
MANCOS	4773	1735	<input type="checkbox"/>		
UPPER GALLUP	5428	1080	<input type="checkbox"/>		
GREENHORN	6320	188	<input type="checkbox"/>		
GRANEROS	6373	135	<input type="checkbox"/>		
TWO WELLS	6400	108	<input type="checkbox"/>	2000	Gas
PAGUATE	6490	18	<input type="checkbox"/>		
CUBERO	6556	-48	<input type="checkbox"/>		
ENCINAL	6623	-115	<input type="checkbox"/>		
BURRO CANYON	6689	-181	<input type="checkbox"/>		
MORRISON	6745	-237	<input type="checkbox"/>		
TOTAL DEPTH DK	6785	-277	<input type="checkbox"/>		
					TD 40' below T/MRSN. 6-1/4" Hole. 4-1/2", 11.6 ppf, N-80 LTC casing. Cement with xxx cuft. Circulate to surface
Reference Wells: 1993					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANO UNIT 289

DEVELOPMENT

Logging Program:			
Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD	<input type="checkbox"/> Triple Combo

TD Logs:	<input checked="" type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
Run Platform Express from TD to minimum operations depth.							

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments:

BURLINGTON RESOURCES OIL & GAS COMPANY LP

HUERFANO UNIT #289

1440' FSL, 2385' FEL

SECTION 34, T-26-N, R-9-W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

NAD 83 LAT.: 36.441413°N LONG.: 107.775703°W

ELEV.: 6496 NAVD88

NEW ACCESS ROAD 720'

From Bloomfield Hwy 64 & 550 Intersection:

- Go: South 22.6 miles on Hwy 550, turn left (mile marker 130±) on C.R. #7425
- Go: 5.6 miles, turn a sharp right and head southwesterly on narrow road.
- Go: 1.0 mile southwesterly and turn left near pond. Head southeasterly on 2 track trail.
- Go: 0.5 miles on 2 track trail and turn left (northeast) at beginning of 720' new access to proposed Huerfano Unit #289 well location.