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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 30 2011

Farmington Field Office
Director of Land Management

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	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	5. Lease Number Navajo I-149-IND-8473
1b. Type of Well GAS		Unit Reporting Number NMMN18394C(MV) NMMN18394B (DK)
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP		7. Unit Agreement Name Huerfanito Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name RCVD APR 17 '12 OIL CONS. DIV. DIST. 3
4. Location of Well Surface: Unit E (SW/NW), 2600' FNL & 270' FWL Surface: Latitude: 36.546195° N (NAD83) Longitude: 107.748162° W		10. Field, Pool, Wildcat Blanco MV/Basin DK/Mancos 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 25, T27N, R9W API # 30-045- 35329
14. Distance in Miles from Nearest Town 30 miles from Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 270'		
16. Acres in Lease 480.00	17. Acres Assigned to Well 320.00 (W/2) MV 320.00 (W/2) DK 320.00 (W/2) Mancos	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1824' from Huerfanito Unit 82M (MV/DK)		
19. Proposed Depth 6719'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6174' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Arleen Kellywood</u> Arleen Kellywood (Staff Regulatory Tech)		11/30/11 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

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

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

NMOCD

APR 19 2012

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
1901 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

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NOV 30 2011

Form C-102
Revised July 16, 2010

Submit One Copy to Appropriate
District Office
Farmington Field Office
Bureau of Land Management

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35329	² Pool Code 71599/72319/97232	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE /MANCOS	BASIN
⁴ Property Code 7138	⁵ Property Name HUERFANITO UNIT	⁶ Well Number 82P	
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6174'	

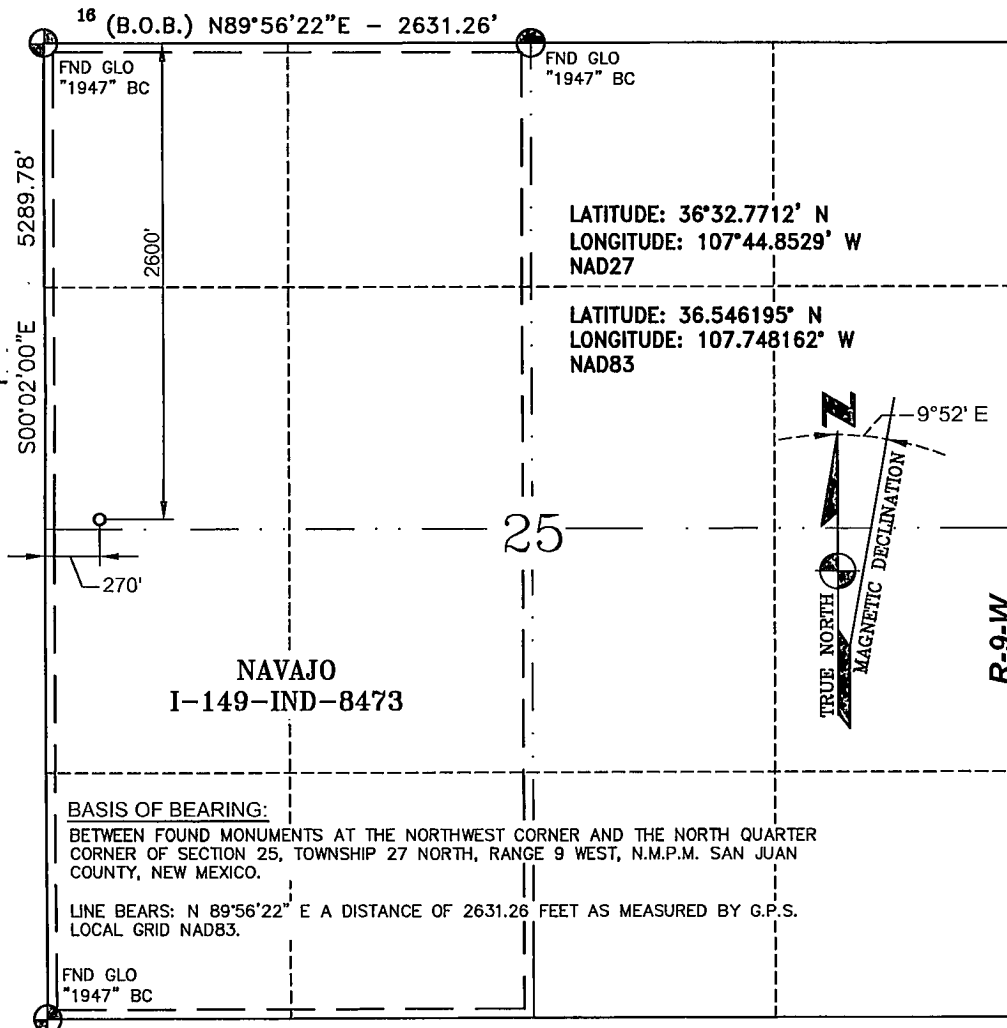
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	27-N	9-W		2600'	NORTH	270'	WEST	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
¹² Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/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

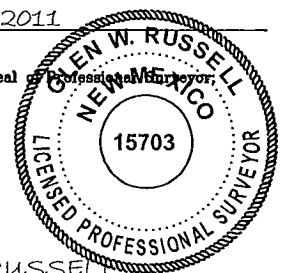
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this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

Arleen Kellywood 10/7/11
Signature Date
Arleen Kellywood
Printed Name
arleen.r.kellywood@conocophillips.com
E-Mail Address

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.

JUNE 24, 2011
Date of Survey
Signature and Seal of Professional Surveyor
GLEN W. RUSSELL
Certificate Number 15703



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 82P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9401				AFE \$:	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RCO085	MANCOS(RCO085)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.546186		Longitude: -107.747548		X:	Y:	Section: 25	Range: 009W
Footage X: 270 FWL		Footage Y: 2600 FNL		Elevation: 6174 (FT)		Township: 027N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6189 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5989		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1207	4982		<input type="checkbox"/>			
KIRTLAND	1342	4847		<input type="checkbox"/>			
FRUITLAND	1719	4470		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2081	4108		<input type="checkbox"/>			
LEWIS	2168	4021		<input type="checkbox"/>			
HUERFANITO BENTONITE	2578	3611		<input type="checkbox"/>			
CHACRA	2989	3200		<input type="checkbox"/>			
UPPER CLIFF HOUSE	3444	2745		<input type="checkbox"/>			Gas; Cliffhouse is wet
MASSIVE CLIFF HOUSE	3686	2503		<input type="checkbox"/>	810		Gas
MENEFFEE	3739	2450		<input type="checkbox"/>			Est. Top Perf - 3741 (2448)
Intermediate Casing	3889	2300		<input type="checkbox"/>		129	8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 876 cuft. Circulate cement to surface.
POINT LOOKOUT	4378	1811		<input type="checkbox"/>			
MANCOS	4757	1432		<input type="checkbox"/>			
UPPER GALLUP	5561	628		<input type="checkbox"/>			
GREENHORN	6361	-172		<input type="checkbox"/>			
GRANEROS	6406	-217		<input type="checkbox"/>			
TWO WELLS	6448	-259		<input type="checkbox"/>	2180		Gas
PAGUATE	6512	-323		<input type="checkbox"/>			
LOWER CUBERO	6583	-394		<input type="checkbox"/>			
UPPER CUBERO	6583	-394		<input type="checkbox"/>			
ENCINAL	6649	-460		<input type="checkbox"/>			TD - 70' Below T/ENCN; Est. Btm Perf - 6699 (- 510) based on offset wells
Total Depth	6719	-530		<input type="checkbox"/>		189	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 389 cuft. Circulate cement a minimum of 100' inside the previous casing string.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 82P

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	HUERFANITO UNIT-79M	27N 9W 26 SE NW SE
Production	HUERFANITO UNIT-82M	27N 9W 25 SE NW NW
Production	HUERFANITO UNIT-82	27N 9W 25 NW SW

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

TD Logs:	<input 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
Mancos data well for cuttings and logs. eap 5-13-11							
Cased Hole GR / CBL							
Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.							

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

Directions from the Intersection of Hwy 550 and Hwy 64
in Bloomfield, NM

To:

Burlington Resources Oil & Gas Company LP

HVERFANITO UNIT #82P

2600' FNL & 270' FWL,

Section 25, T27N, R9W, N.M.P.M., San Juan County,

New Mexico

Latitude: 36° 32' 46.302" N

Longitude: 107° 44' 53.383" W

Nad 1983

From the Intersection of Hwy 550 and Hwy 64,
Take Hwy 550 (south) for 15.8 miles to CR 7225,
Turn left (east) on CR 7225 for 4.5 miles,
Turn right (easterly) for 4.2 miles,
Turn right (southerly) 0.1 miles,
Turn left (easterly) 2.4 miles,
Turn left (northerly) 2.7 miles,
Turn left (westerly) 0.2 miles,
Stay right (westerly) 0.5 miles,
To beginning of new access on left side of road,
Turn left and proceed 2383.77' to the newly staked location.

HUERFANITO UNIT #82P

***A METES & BOUNDS DESCRIPTION FOR
BURLINGTON RESOURCES OIL & GAS COMPANY LP
LOCATED IN THE
NW ¼ & SW ¼ Section 25, T-27-N, R-9-W, N.M.P.M.,
San Juan County, New Mexico***

A Tract of land, located on Navajo Allotment No. 62701, in the Northwest Quarter and the Southwest Quarter of Section 25, T-27-N, R-9-W, of the New Mexico Principal Meridian, San Juan County, State of New Mexico. Being more particularly described as follows;

BEGINNING at a point located in the NW ¼ of said section 25, being the "TRUE POINT OF BEGINNING", said point bears S09°15'18"E, a distance of 2396.19 feet from the Northwest corner of said Section 25,

THENCE	S20°50'23"E	a distance of	330.02	feet,
THENCE	S69°09'51"W	a distance of	400.10	feet,
THENCE	N20°49'34"W	a distance of	330.10	feet,
THENCE	N69°10'31"E	a distance of	400.03	feet,

to the "TRUE POINT OF BEGINNING" for this description.

THIS TRACT CONTAINS 132,047 square feet or 3.03 acres +/- .



Glen W. Russell
GLEN W RUSSELL, L.S. NO. 15703

7-29-11

DATE

BASIS OF BEARINGS: Between found monuments at the Northwest corner and the North Quarter corner of Section 25, T27N, R9W, N.M.P.M., San Juan County, New Mexico. Said line bears N89°56'22" E a distance of 2631.26 feet, as measured by GPS.

C:\BROG 10\HUERFANITO UNIT #82P\HUERFANITO UNIT #82P_SEC25_LEGAL.doc