

DATE IN 10.14.11	SUSPENSE	ENGINEER WVJ	LOGGED IN 10.14.11	TYPE DHC 4478	APP NO. 1128746521
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PTG-W

RECEIVED OGD

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -



Barlington

2011 OCT 14 P 11:57

1220 South St. Francis Drive, Santa Fe, NM 87505

HDC # 311

ADMINISTRATIVE APPLICATION CHECKLIST 30-045-35791

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

Stat

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Arleen Kellywood _____ Staff Regulatory Tech 10-11-11
 Print or Type Name Signature Title Date

Huerfano Unit Com 311

arleen.r.kellywood@conocophillips.com
 e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Handwritten: 010-4478

Burlington Resources Oil & Gas Company LP P.O. Box 4289 Farmington, NM 87499
Operator Address

Huerfano Unit Com 311 Unit I, Sec. 2, 025N, 009W San Juan
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 25048 API No. 30045352910000 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE <i>UNDES</i>	INTERMEDIATE ZONE <i>OIL</i>	LOWER ZONE <i>Good</i>
Pool Name	DUFERS POINT GALLUP-DAKOTA		BASIN DAKOTA
Pool Code	19859		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5200' - 6100' Estimate		6380' - 6635' Estimate
Method of Production (Flowing or Artificial Lift)	NEW ZONE		NEW ZONE
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	150% RULE		150% Rule
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000		BTU 1000
Producing, Shut-In or New Zone	NEW ZONE		NEW ZONE
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates: N/A		Date: N/A Rates: N/A
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Will be supplied upon completion		Oil Gas Will be supplied upon completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *[Signature]* TITLE Engineer DATE 10/6/11

TYPE OR PRINT NAME Bill Akwari, Engineer TELEPHONE NO. (505) 326-9700

E-MAIL ADDRESS Bill.N.Akwari@conocophillips.com

Huerfano Unit Com 311
Unit I, Section 2, T25N, R09W

The Huerfano Unit Com 311 is a Dufers Point Gallup-Dakota and Dakota New Drill. A cased hole neutron log will be run prior to completion to identify the Gallup and Dakota zones. If the Gallup and Dakota horizons can be isolated, a spinner test will be performed and the allocation will be assigned with results using the subtraction method applied to the rate. In the event that the Gallup and Dakota can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Gallup and Dakota. All documentation will be submitted to the Aztec NMOCD office.

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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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number: 30-045-		² Pool Code: 19859/71599		³ Pool Name: DUFERS POINT GALLUP-DAKOTA / BASIN DAKOTA	
⁴ Property Code: 25048		⁵ Property Name: HUERFANO UNIT COM			⁶ Well Number: 311
⁷ OGRID No.: 14538		⁸ Operator Name: BURLINGTON RESOURCES OIL & GAS COMPANY LP			⁹ Elevation: 6491

¹⁰ SURFACE LOCATION

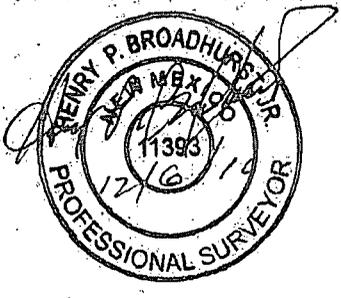
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	2	25-N	9-W		2195	SOUTH	675	EAST	SAN JUAN

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: E/2 - 320.39 - BDK SE/4 - 160.0 - DPG-DK	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

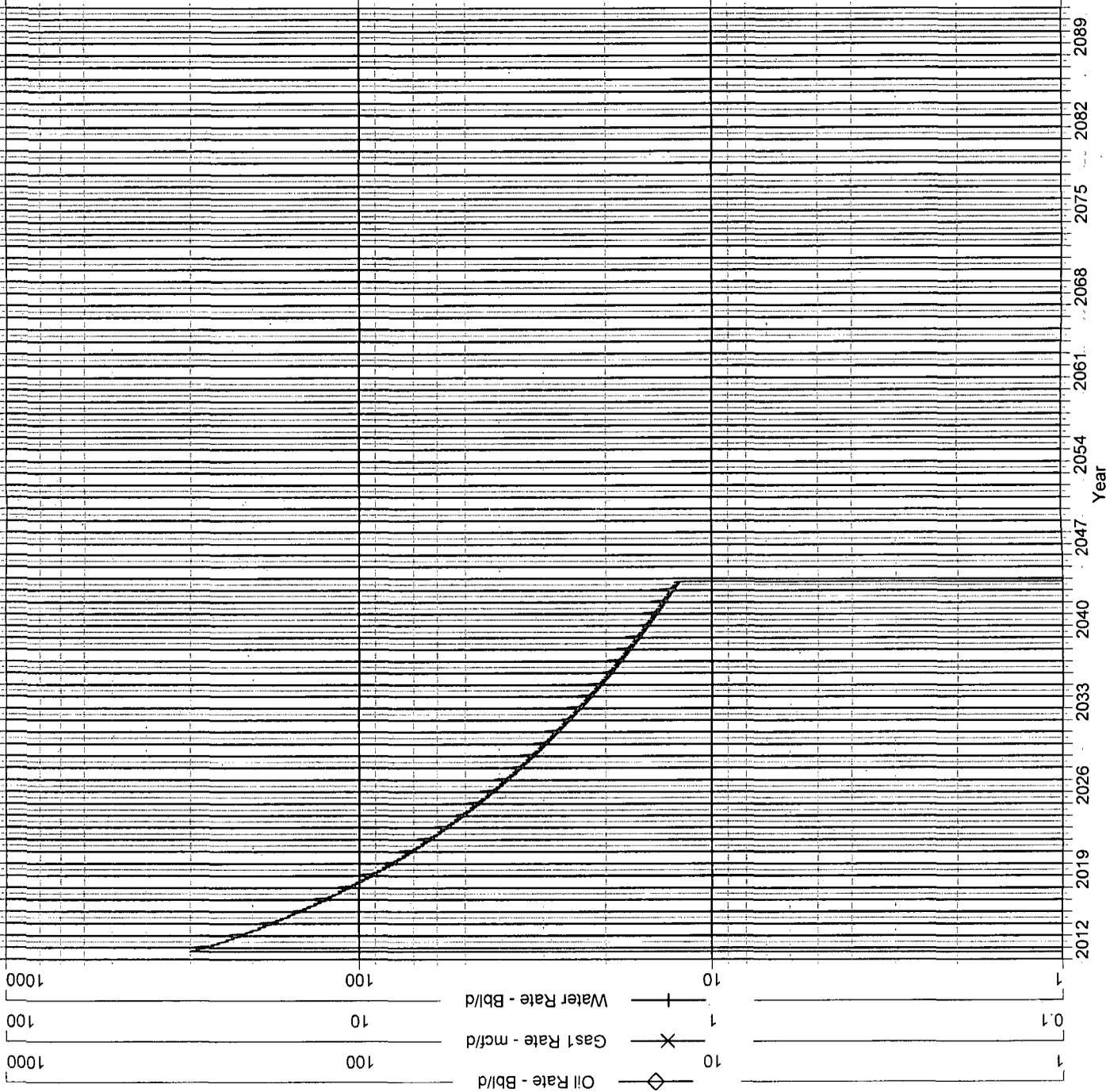
¹⁶ GLO 1947	NEW MEXICO ST OF B-10889-27		IRON PIPE (NO CAP)	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land 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. Brandie Blakley Signature Brandie Blakley Printed Name Staff Regulatory Tech Title and E-mail Address 12/26/2010 Date
	SECTION 2 T-25-N, R-9-W	LG-3496 WELL FLAG NAD 83 LAT: 36.428923° N LONG: 107.752107° W NAD 27 LAT: 36°25.734781' N LONG: 107°45.089634' W	E/2 DEDICATED ACREAGE	
	NEW MEXICO ST OF E-9393-1	675'	B-1680-88	
	SE/4 DEDICATED ACREAGE E-2941-5	2195'	N 0°03' W N 0°07' 27" W B-0889-27	
GLO 1947	N 89°59' W N 89°59'31" W	2621.2' (R) 2621.3' (M)	GLO 1947	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: 10/31/07 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393

HUERFANO UNIT COM 311 GA Data: Oct.2011-Oct.2011

Operator: Unknown
 Field:
 Zone:
 Type: Other
 Group: None

No
 Active
 Forecast

Production Cums
 Oil: 0 MSTB
 Gas: 0 MMSCF
 Water: 0 MSTB
 Cond: 0 MSTB



Oil Rate - Bbl/d
 Cum: 0.00
 Gas Rate - mcf/d
 Cum: 0.00
 Water Rate - Bbl/d
 Cum: 0.00

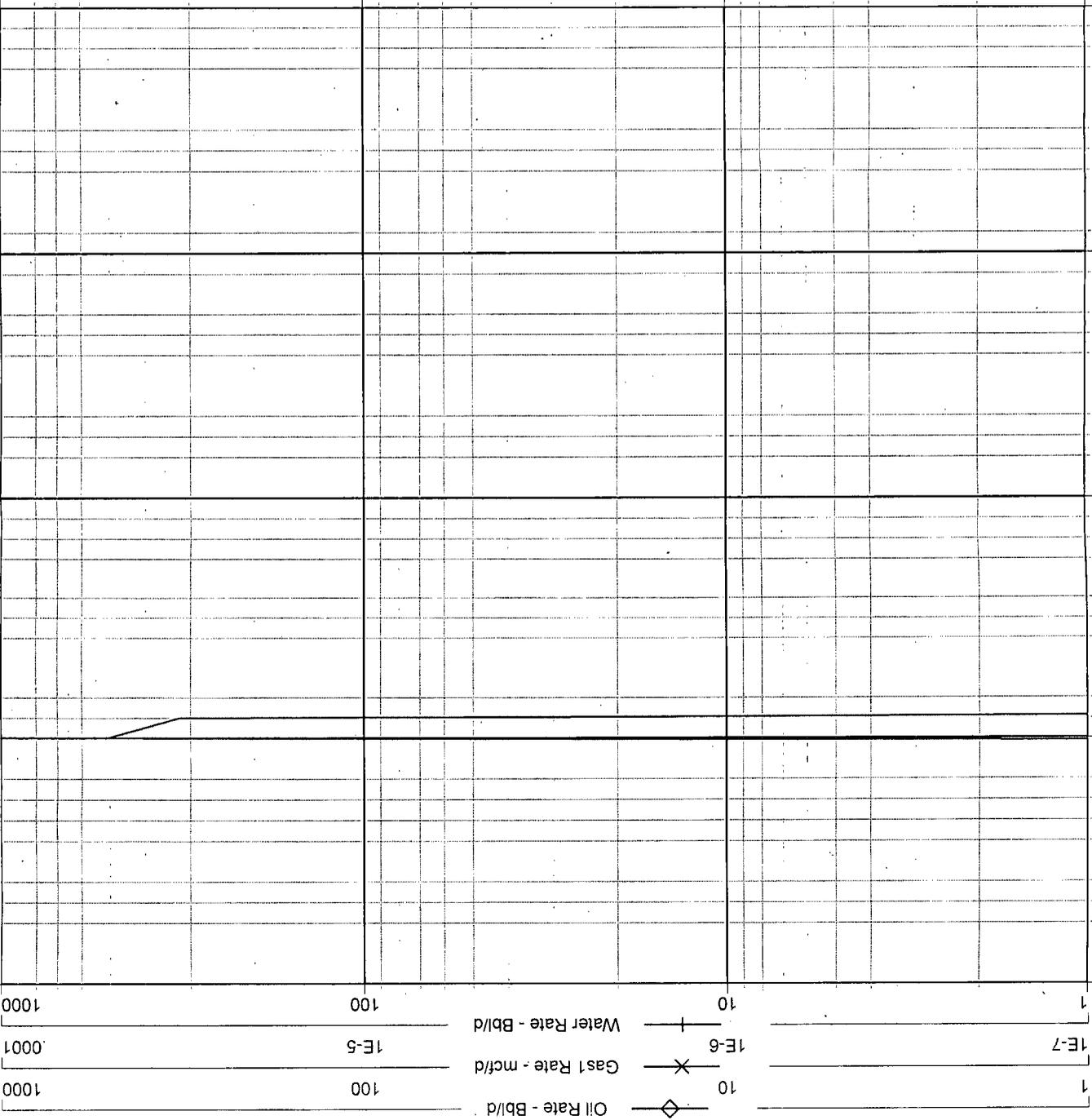
HUERFANO UNIT COM 311 DK Data: Oct.2011-Oct.2011

Operator: Unknown
 Field:
 Zone:
 Type: Other
 Group: None

No Active Forecast

Production Cums
 Oil: 0 MSTB
 Gas: 0 MMSCF
 Water: 0 MSTB
 Cond: 0 MSTB

◇ Oil Rate - Bbl/d Cum: 0.00
 * Gas1 Rate - mcf/d Cum: 0.00
 + Water Rate - Bbl/d Cum: 0.00



2012 2013 2014 2015
 Year