

DATE IN 6/30/10	SUSPENSE	ENGINEER WJ	LOGGED IN 6-30-10	TYPE DHC 4297	APP NO. 1018154076
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PTGW

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



Burlington  
 (14538)  
 Grambling SR

**ADMINISTRATIVE APPLICATION CHECKLIST**

30-045-30351

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]

[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.

\_\_\_\_\_  
 Jamie Goodwin  
 Print or Type Name

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Regulatory Technician  
 Title

\_\_\_\_\_  
 6/28/10  
 Date

\_\_\_\_\_  
 Jamie.L.Goodwin@conocophillips.com  
 e-mail Address

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

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

RECEIVED OCD

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

District III  
1000 Rio Brazos Road, Aztec, NM 87410

2010 JUN 30 P 1:58

APPLICATION FOR DOWNHOLE COMMINGLING

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

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

Grambling Lease 5R Well No. Unit O, Sec. 27, 029N, 009W Unit Letter-Section-Township-Range SAN JUAN County

OGRID No: 14538 Property Code 7054 API No. 30045303510000 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE <i>WILDCAT</i>	INTERMEDIATE ZONE <input checked="" type="checkbox"/>	LOWER ZONE <input checked="" type="checkbox"/>
Pool Name	<del>BLANCO</del> FRUITLAND SAND	BASIN FRUITLAND COAL	BLANCO PICTURED CLIFFS
Pool Code	<del>72280</del>	71629	72359
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1715'- 1920' Estimated	1930'-2025' Estimated	2040'-2154'
Method of Production (Flowing or Artificial Lift)	New Zone	New Zone	Flowing
Bottomhole Pressure <small>(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)</small>	N/A - 150% Rule	N/A - 150% Rule	N/A - 150% Rule
Oil Gravity or Gas BTU <small>(Degree API or Gas BTU)</small>	BTU 1000	BTU 1000	BTU 1000
Producing, Shut-In or New Zone	New Zone	New Zone	Producing
Date and Oil/Gas/Water Rates of Last Production. <small>(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)</small>	Date: N/A Rates: N/A	Date: N/A Rates: N/A	Date: Jan 2010 Rates: 351 MCF
Fixed Allocation Percentage <small>(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)</small>	Oil Gas Will be supplied upon completion	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  TITLE Engineer DATE 6/25/10

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

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

Grambling 5R  
Unit O, Section 27, T29N, R9W

The Grambling 5R is a Fruitland Coal, Fruitland Sand and Pictured Cliffs recompleat. A cased hole neutron log will be run prior to completion to identify the Fruitland Coal, Fruitland Sand and Pictured Cliffs zones. If the Fruitland Coal, Fruitland Sand and Pictured Cliffs horizons can be isolated, a separator 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 Fruitland Coal, Fruitland Sand and Pictured Cliffs can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Fruitland Coal, Fruitland Sand and Pictured Cliffs. All documentation will be submitted to the Aztec NMOCD office.

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

District II  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 99790

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 72280	3. Pool Name BLANCO-FRUITLAND SAND (G)
4. Property Code 7054	5. Property Name GRAMBLING	6. Well No. 005R
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 5618

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	27	29N	09W		765	S	1955	E	SAN JUAN

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 160.00		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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>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(s) 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></p> <p>E-Signed By: Title: Date:</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Neale C. Edwards Date of Survey: 6/30/2000 Certificate Number: 6857</p>
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*RE*

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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 and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 99790

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number <b>30-045-30351</b>	2. Pool Code 71629	3. Pool Name BASIN FRUITLAND COAL (GAS)
4. Property Code 7054	5. Property Name GRAMBLING	
6. Well No. 005R	7. OGRID No. 14538	
8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 5618	

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	27	29N	09W		765	S	1955	E	SAN JUAN

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>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(s) 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></p> <p>E-Signed By: <b>Jamie Goodwin</b> Title: <b>Regulatory Tech.</b> Date: <b>07/29/2009</b></p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: <b>Neale C. Edwards</b> Date of Survey: <b>6/30/2000</b> Certificate Number: <b>6857</b></p>
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District I  
PO Box 1950, Hobbs, NM 88241-1950

District II  
PO Drawer 60, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2082, Santa Fe, NM 87504-2082

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2082  
Santa Fe, NM 87504-2082

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30357		*Pool Code 72359	*Pool Name Blanco Pictured Cliffs
*Property Code 7054	*Property Name GRAMBLING		*Well Number 5R
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5618

<sup>10</sup> Surface Location

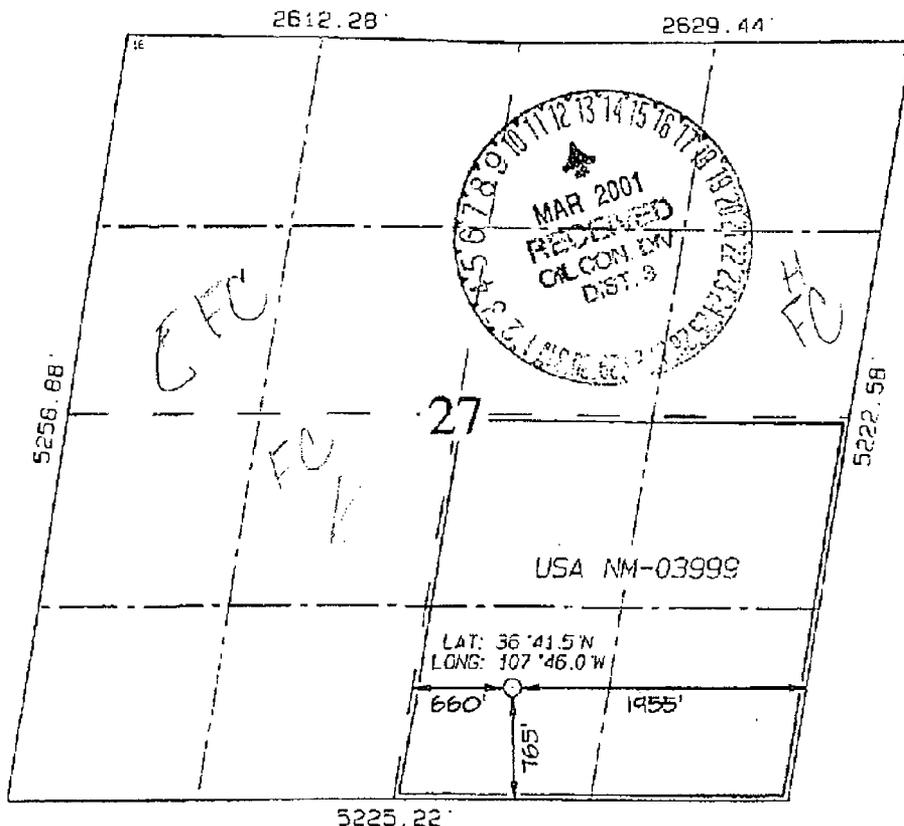
U. or lot no.	Section	Township	Range	Lot Id.	Feet from the	North/South line	Feet from the	East/West line	County
0	27	29N	9W		765	SOUTH	1955	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

U. or lot no.	Section	Township	Range	Lot Id.	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres SE/160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



<sup>17</sup> OPERATOR CERTIFICATION

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

*Peggy Cole*  
Signature

Peggy Cole  
Printed Name

Regulatory Supervisor  
Title

5-1-00  
Date

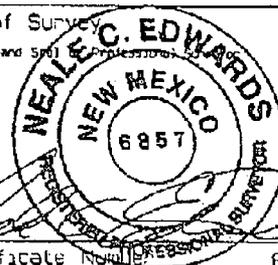
Date

<sup>18</sup> 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 30, 2000  
Date of Survey

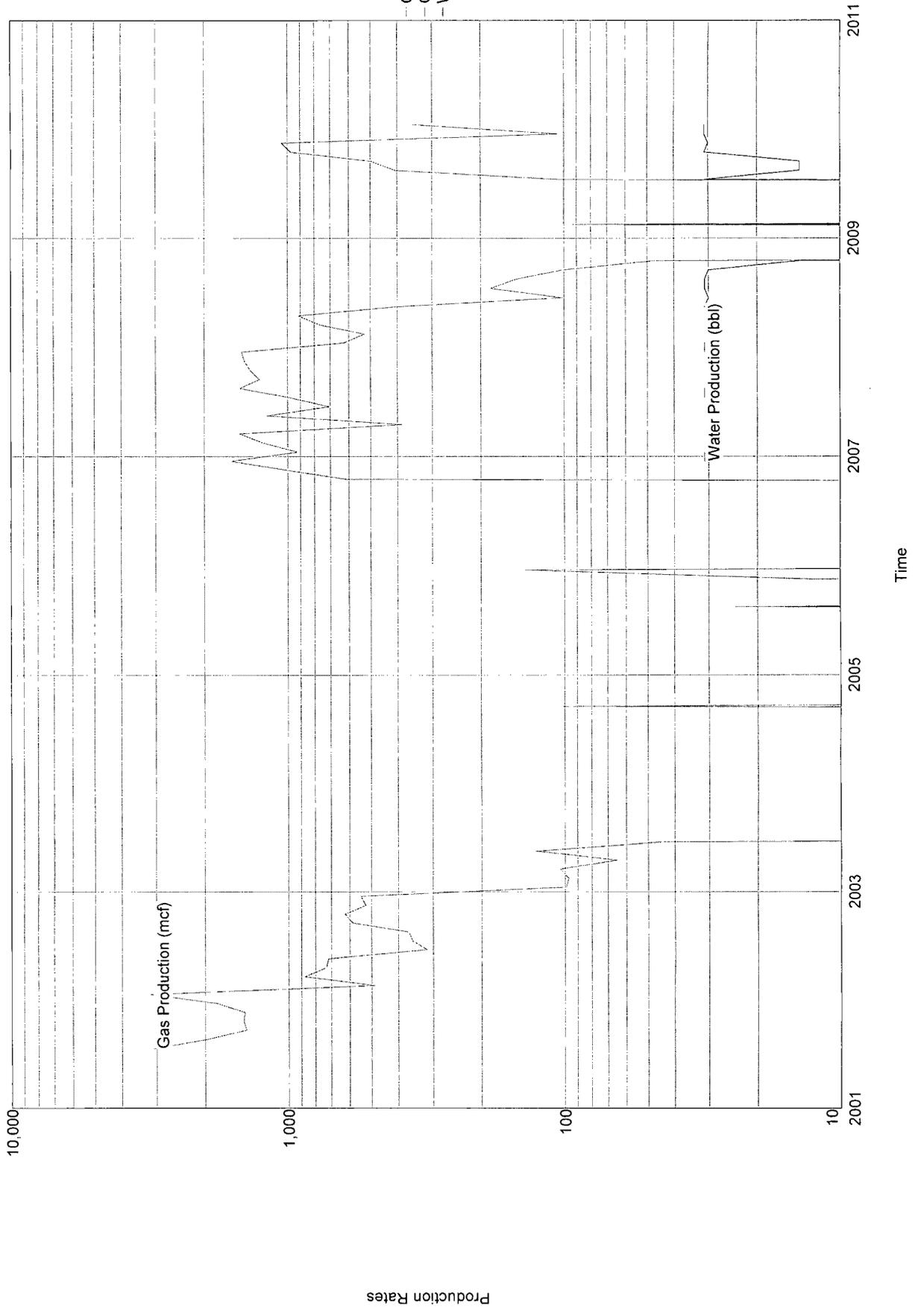
Signature and Seal of Professional Surveyor



Certificate No. 6857

Lease Name: GRAMBLING  
County, State: SAN JUAN, NM  
Operator: BURLINGTON RESOURCES O&G CO LP  
Field: BLANCO  
Reservoir: PICTURED CLIFFS  
Location:

GRAMBLING - BLANCO



Production Rates

Oil Production (bbl)  
Gas Production (mcf)  
Water Production (bbl)



SAN JUAN NM  
GRAMBLING 5R  
BURLINGTON RESOURCES O&G CO LP  
ACTIVE

## Production Report

<b>Lease Name:</b>	<b>GRAMBLING</b>	<b>Well Number:</b>	<b>5R</b>
Lease Number:		Cum Oil:	
Operator Name:	BURLINGTON RESOURCES O&G	Cum Gas:	45,819
State:	NEW MEXICO	Cum Water:	894 since DEC 2006
County:	SAN JUAN	First Production Date:	JUL 2001
Field:	BLANCO	Last Production Date:	JAN 2010
Sec Twn Rng:	27O 29N 9W	Spot:	NE SW SE
Latitude/Longitude:	36.69158 -107.76557	Lat/Long Source:	TS
Regulatory #:		Completion Date:	JUL 05, 2001
API:	30045303510000	Total Depth:	
Production ID:	2300430453035172359	Upper Perforation:	
Reservoir Name:	PICTURED CLIFFS	Lower Perforation:	
Prod Zone:	PICTURED CLIFFS	Gas Gravity:	
Prod Zone Code:	604PCCF	Oil Gravity:	
Basin Name:	SAN JUAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE		GAS

Annual Production	(10 years)		
Year	Oil BBLs	Gas MCF	Water BBLs
Beginning			
Cum:			
2001		11,176	
2002		9,282	
2003		537	
2004		101	
2005		175	
2006		3,231	31
2007		13,926	365
2008		3,811	288
2009		3,229	179
2010		351	31
Totals:		45,819	894

Monthly Production		(Most recent 48 of 92 months)					
Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld STB/MMCF	% Water	# of Wells	Days on

NOV 2005	13		1	30
DEC 2005	138		1	31
Totals: 2005	<u>175</u>			
JAN 2006	0	0	0	0
FEB 2006	0	0	0	0
MAR 2006	0	0	0	0
APR 2006	0	0	0	0
MAY 2006	0	0	0	0
JUN 2006	0	0	0	0
JUL 2006	0	0	0	0
AUG 2006	0	0	0	0
SEP 2006	0	0	0	0
OCT 2006	613	0	1	31
NOV 2006	1,014	0	1	30
DEC 2006	1,604	31	1	31
Totals: 2006	<u>3,231</u>	<u>31</u>		
JAN 2007	921	31	1	31
FEB 2007	1,225	28	1	28
MAR 2007	1,493	31	1	31
APR 2007	383	30	1	30
MAY 2007	1,188	31	1	31
JUN 2007	704	30	1	30
JUL 2007	987	31	1	31
AUG 2007	1,491	31	1	31
SEP 2007	1,263	30	1	30
OCT 2007	1,369	31	1	31
NOV 2007	1,435	30	1	30
DEC 2007	1,467	31	1	31
Totals: 2007	<u>13,926</u>	<u>365</u>		
JAN 2008	626	31	1	31
FEB 2008	526	29	1	29
MAR 2008	763	31	1	31
APR 2008	914	30	1	30
MAY 2008	400	31	1	31
JUN 2008	101	30	1	30
JUL 2008	184	31	1	31
AUG 2008	149	31	1	31
SEP 2008	101	30	1	30
OCT 2008	47	14	1	14
Totals: 2008	<u>3,811</u>	<u>288</u>		
JAN 2009	0	0	0	0
FEB 2009	94	28	1	28
MAR 2009	0	0	0	0
APR 2009	0	0	0	0
MAY 2009	0	0	0	0
JUN 2009	0	0	0	0
JUL 2009	105	31	1	31
AUG 2009	406	14	1	14
SEP 2009	498	14	1	14

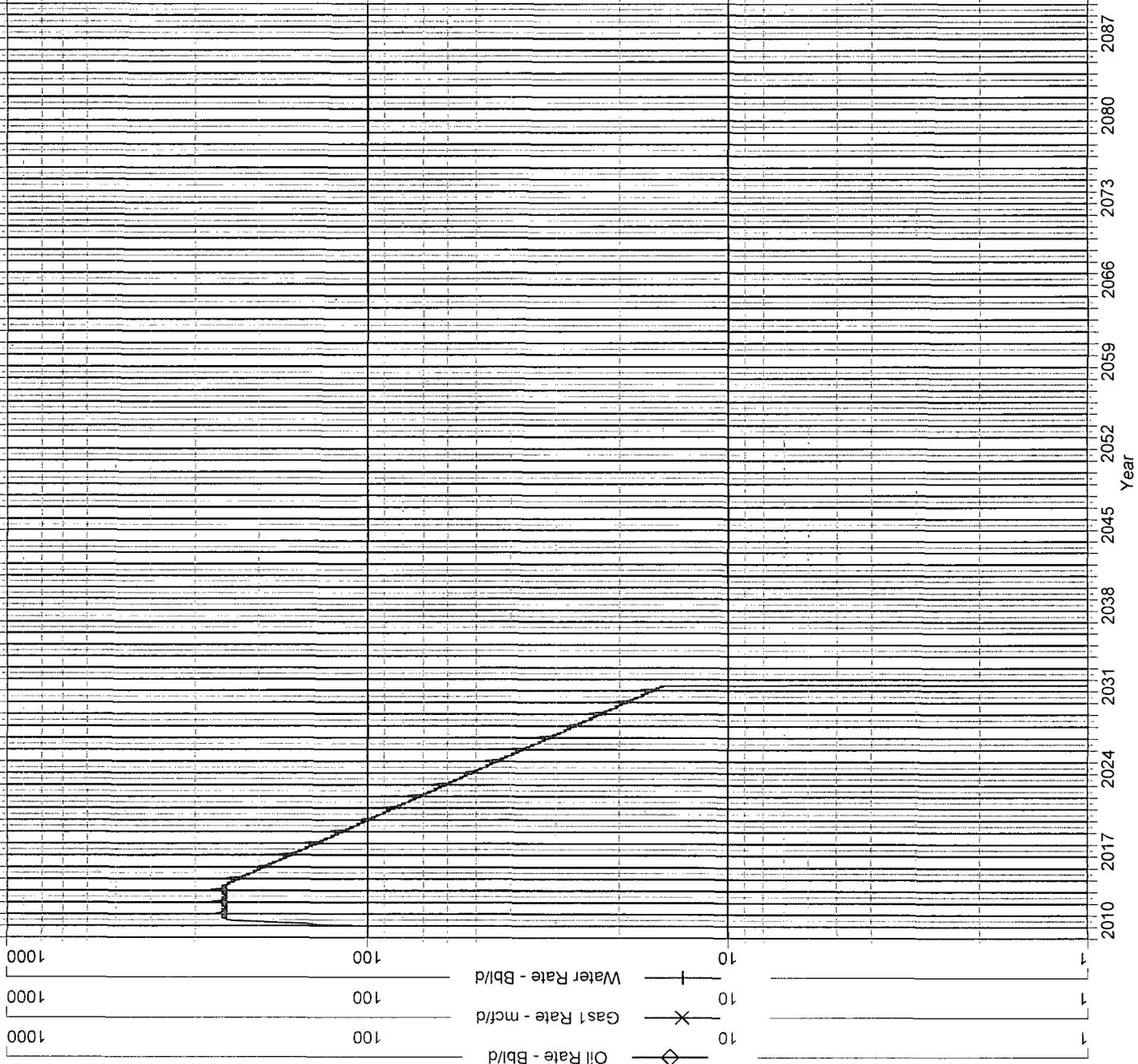
GRAMBLING 5R FC RC Data: Jun. 2010-Jun. 2010

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



GRAMBLING 5R FS RC Data: Jun.2010-Jun.2010

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

