

DATE IN 4/14/2014	SUSPENSE	ENGINEER MAM	LOGGED IN 4/15/2014	TYPE NSL	APP NO. PMAM1410546461
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NSP PMAM1410548392  
DHC PMAM1410546461  
PMAM1410548275

ABOVE THIS LINE FOR DIVISION USE ONLY

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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]

NSL  
DHC  
NSP  
-ENCANA  
282327

[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

well  
- Good Times P36  
2410  
30-045-35476  
Pool  
- BASIN MANCOS  
97232  
- Bisti, South-Gallup  
5860

[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.**

MICHAEL H. FELDEWERT  
Print or Type Name

Signature

ATTORNEY  
Title

04/14/14  
Date

mfeldewert@hollandhart.com  
e-mail Address



April 14, 2014

**VIA HAND DELIVERY**

Jami Bailey  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

**Re: Application of Encana Oil & Gas (USA) Inc. for administrative approval of a 120-acre non-standard spacing unit in the Basin Mancos Gas Pool (97232), a 40-acre non-standard spacing unit in the South Bisti Oil Pool (5860); approval of an unorthodox well location in the Basin Mancos Gas Pool; and approval of downhole commingling of production from the South Bisti-Gallup Oil Pool and the Basin Mancos Gas Pool, Section 36, Township 24 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.**

Dear Ms. Bailey:

Encana Oil & Gas (USA) Inc. (OGRID No. 282327) plans to drill the **Good Times P36 2410 01H Well** as a horizontal well in the N/2S/2 of Section 36, Township 24 North, Range 10 West, San Juan County, New Mexico, from a surface location 1341 feet from the South line and 255 feet from the East line (Unit I). The completed interval for the well will commence 660 feet from the East line and 2180 feet from the South line (Unit I) to a bottom hole location 2180 feet from the South line and 330 feet from the West line (Unit L). The NE/4SE/4 (Unit I) of Section 36 is located in the South Bisti Oil Pool (5860) and subject to Special Rules created under Order R-8090, as amended by R-8090-A. The NW/4SE/4 (Unit J) and the N/2SW/4 (Units K and L) of said Section 36 is located in the Basin Mancos Gas Pool (97232) and subject to the Special Rules created under Order R-12984.

Since the South Bisti-Gallup Oil Pool is an unlisted pool under Order R-12984, the portion of the proposed wellbore in the NW/4SE/4 (Unit J) and the N/2SW/4 (Units K and L) must comply with the Special Rules for the Basin Mancos Gas Pool. See Exhibit A to Order R-12984 (special rules) at Rule 1. These special rules require 320-acre spacing units and 660 foot setbacks from the outer boundary of the spacing units. *Id.* at Rule 2. The completed interval for Encana's proposed well is closer than 660 feet from the North and West lines of Section 36. Accordingly, the proposed well is non-standard under the Basin Mancos Special Pool Rules. In contrast, the Special Rules for the South Bisti-Gallup Pool require 80-acre spacing units and 330

# HOLLAND & HART<sup>LLP</sup>



foot setbacks from the outer boundary of the spacing units. See Appendix A to Order R-8090 (special rules) at Rules 2 and 4 (as amended). To efficiently develop this acreage under these circumstances, Encana requires approval of the following:

- (1) a non-standard 40-acre spacing and proration unit in the South Bisti Oil Pool comprised of the NE/4SE/4 (Unit I) of Section 36;
- (2) a non-standard 120-acre spacing and proration unit in the Basin Mancos Gas Pool comprised of the NW/4SE/4 (Unit J) and the N/2SW/4 (Units K and L) of Section 36;
- (3) commingling of the production from these two adjacent pools in the horizontal wellbore; and
- (4) a non-standard location in the Basin Mancos Gas Pool.

**Exhibit A** is the Well Location and Acreage Dedication Plat (Form C-102) for the proposed **Good Times P36 2410 01H Well** in the N/2S/2 of Section 36.

**Exhibit B** is a land plat depicting the proposed **Good Times P36 2410 01H Well** in relation to adjoining units and further identifies the owners in the affected leases.

**Exhibit C** is a completed Form C-107-A (Application for Downhole Commingling).

**Exhibit D** is a list of the affected parties for the request for approval of the non-standard well location, for the request to create a non-standard spacing unit in the Basin Mancos Gas Pool, for the request to create a non-standard spacing unit in the South Bisti Oil Pool, and for the request to downhole commingle the South Bisti Oil Pool and the Basin Mancos Gas Pool. A copy of this application with all attachments has been sent by certified mail to each of these affected parties advising them that if they have an objection they must file it in writing with the division within 20 days from the date the division receives this application. In addition, a courtesy copy has been provided to the Bureau of Land Management's Farmington Office due to the well's encroachment to the West.

Your attention to this matter is appreciated.

Sincerely,

Michael H. Feldewert

ATTORNEY FOR ENCANA OIL & GAS (USA).

cc: Bureau of Land Management  
6251 College Blvd. Suite A  
Farmington, NM 87402

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

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

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

## OIL CONSERVATION DIVISION

1220 South St. Francis Drive  
Santa Fe, NM 87505

Submit one copy to  
Appropriate District Office

☒ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number' 30-045-35476	'Pool Code' 97232/5860	'Pool Name' Basin Mancos/South Bisti-Gallup
'Property Code' 39985	'Property Name' GOOD TIMES P36-2410	'Well Number' 01H
'OGATH No' 282327	'Operator Name' ENCANA OIL & GAS (USA) INC.	'Elevation' 6874'

<sup>10</sup> 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	36	24N	10W		1341	SOUTH	255	EAST	SAN JUAN

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

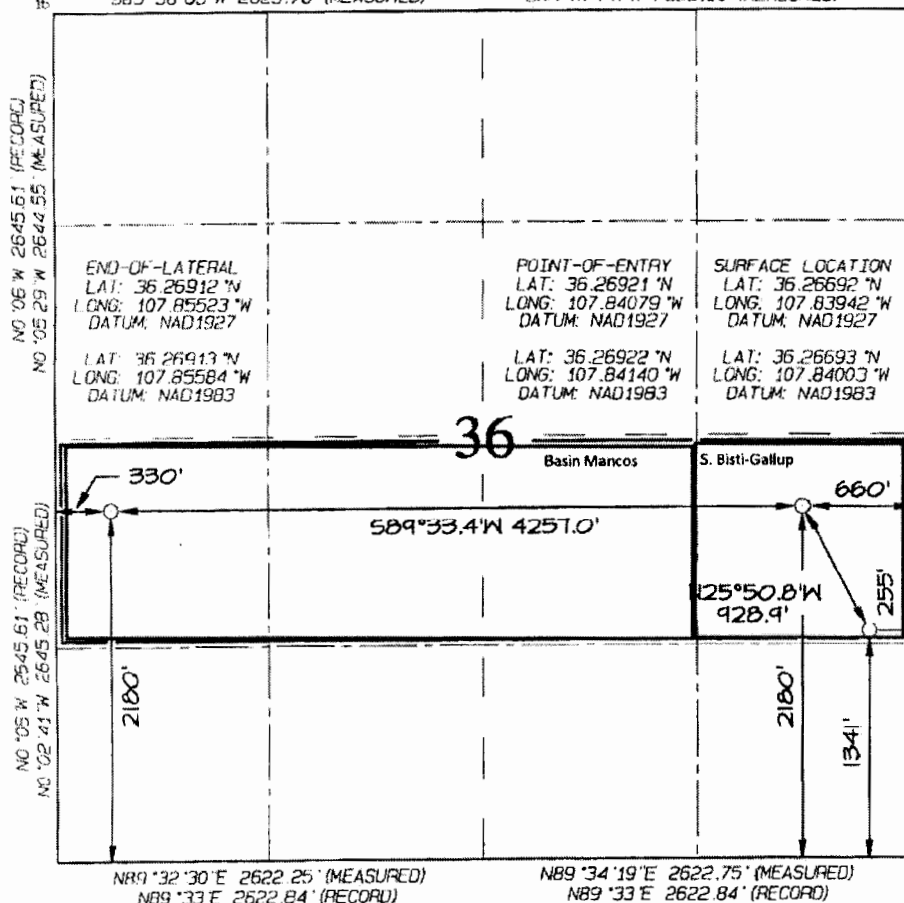
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	24N	10W		2180	SOUTH	330	WEST	SAN JUAN

12. Dedicated Acres	160 acres - N2S2 Sec 36 Basin Mancos (N2SW, NWSE, 120 ac.), S. Bisti-Gallup (NESE, 40 ac.)	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

589°37'W 2624.16' (RECORD)  
589°36'05"W 2625.76' (MEASURED)

S89 °37'W 2624.16' (RECORD)  
S89 °37'26"W 2623.01' (MEASURED)



## 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 an oil and gas pooling agreement or a compulsory pooling order hereinafter entered by the division.

Signature Holly Hill Date 4/8/14

Printed Name  
holly.hill@encana.com

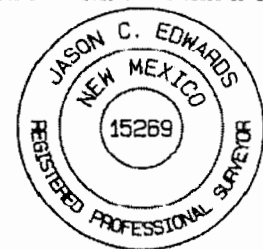
**E-mail Address**

18 SURVEYOR CERTIFICATION

I hereby certify that the wall 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 Revised: MARCH 19, 2014  
Date of Survey: AUGUST 20, 2012

Signature and Seal of Professional Surveyor

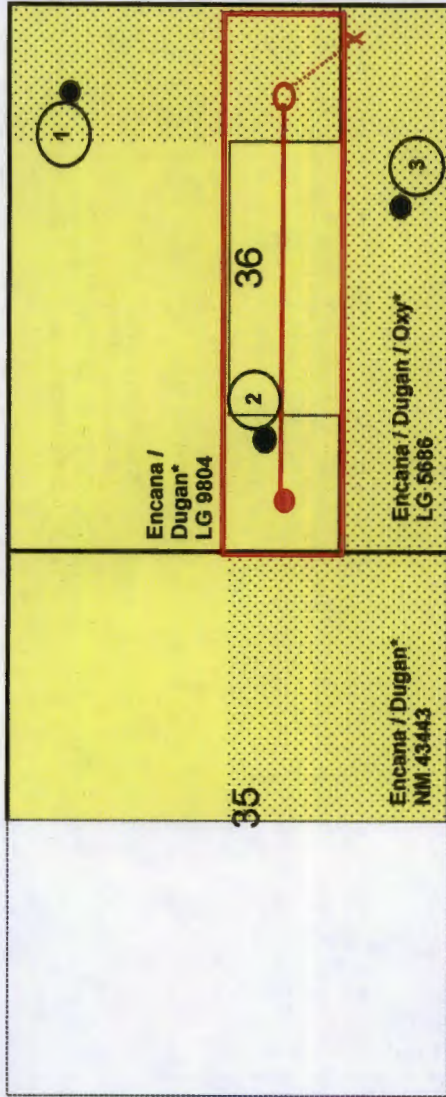


**JASON C. EDWARDS**  
Certificate Number 15269

## EXHIBIT

**Abstract:**

A



- 1 Octoberfest #1  
E2NE4 Sec 36, 24N-10W  
Dugan Prod, Operator  
South Bisti Gallup
- 2 Octoberfest #2  
N2SW4 Sec 36, 24N-10W  
Dugan Prod, Operator  
South Bisti Gallup
- 3 Squash Blossom AFU State #1  
S2SE4 Sec 36, 24N-10W  
Dugan Prod, Operator  
South Bisti Gallup

T  
24  
N

R 10 W

Encana Leases

Basin Mancos Gas Pool

South Bisti Gallup Oil Pool

Good Times P36 2410 01H

Project Area - T24N-R10W, Section 36 N2S2

Township 24 North, Range 10 West, NMPM

Surface Location 255' FEL, 1341' FSL of Section 36

Gallup Penetration Point 660' FEL, 2180' FSL of Section 36

Bottomhole Location 330' FWL, 2180' FSL of Section 36

\* Ownership reflected represents 100% leasehold working interest in the Mancos / Gallup Formation underlying each tract which is the subject of this Application

## Exhibit B

Encana Oil & Gas (USA) Inc.

Application for Exception to Rule 2. (NSP)

South Bisti Gallup Oil Pool Order R-8090

Application for Exception to Rule 2.A. (NSP)

Application for Exception to Rule 2.C. (NSL)

Basin Mancos Gas Pool

San Juan County, New Mexico

encana

EXHIBIT

B



**AMENDED**

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. Park St., Artesia, NM 88210  
District III  
1000 Km. Durazo Road, Artesia, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-107A  
Revised August 1, 2011

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

**APPLICATION FOR DOWNHOLE COMMINGLING**

Encana Oil & Gas (USA), Inc. 370 17th Street, Suite 1700, Denver CO 80202  
Operator Address  
LG 5686 & LG 9804 Good Times P36-2410 01H P-36-24N-10W San Juan  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 282327 Property Code 39985 API No. 30-045-35476 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	Units J, K, L	Unit I	
Pool Name	Basin-Mancos	South Bisti-Gallup	
Pool Code	97232	5860	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Top of Mancos Silt formation ~4466 TVD to Base ~ 4643	Top of Mancos Silt formation ~4466 TVD to Base ~ 4643	Note: This Commingling Application is to commingle two pools in the same formation. This will be a horizontal well bore and the entire producing lateral will be +/- 5049' TVD +/- 4090' Lateral Horizontal Length
Method of Production (Flowing or Artificial Lift)			
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.)	+/- 1645 psi	+/- 1645 psi	
Oil Gravity or Gas BTU (Degree API or Gas BTU)	41 degrees API	41 degrees API	
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: Limited test data available at this time. See attached Letter. Rates:		
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 75 % 75 %	Oil Gas 25 % 25 %	Oil Gas % %

**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 Holly Hill TITLE Regulatory Analyst DATE 04/15/14  
TYPE OR PRINT NAME Holly Hill TELEPHONE NO. ( 720 ) 876-5331  
E-MAIL ADDRESS holly.hill@encana.com

Exhibit

C



April 15, 2014

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

**Re: Good Times P36-2410 01H**  
Amended C-107-A Dated April 15, 2014  
San Juan County, New Mexico

Ladies and Gentlemen:

In reference to the Amended Downhole Commingling New Mexico Oil Conservation Division Form C-107-A, for Encana Oil & Gas (USA) Inc.'s (Encana) Good Times P36-2410 01H well (API No. 30-045-35476) please note that the Date and Oil/Gas/Water Rates of Last Production row on the C-107-A form has not been specifically populated as Downhole Commingling is based on acreage allocation for the two applicable pools, the Basin Mancos Gas Pool (N2SW, NWSE of Section 36 T24N R10W) and the South Bisti-Gallup Pool (NESE of Sec 36 T24N R10W).

Please feel free to contact me directly at 720-876-5331 with any questions or concerns.

Encana Oil & Gas (USA) Inc.

A handwritten signature in cursive script, appearing to read "Holly Hill".

Holly Hill  
Senior Regulatory Analyst

Enc.

Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202 720.876.5331 (O) 303.521.2835 (C) [holly.hill@encana.com](mailto:holly.hill@encana.com)

**Exhibit D**

**Notification List for Application for Approval of an Unorthodox Well Location and  
Non-Standard Spacing Units and down hole commingling for the Good Times P36  
2410 01H Well**

**Offset Operators / Working Interest Owners**

Dugan Production Corp.  
709 Murrery Drive  
Farmington, NM 87401

OXY Y-1 Company  
5 Greenway Plaza, Suite 110  
Houston, TX 77046-0506

**Downhole Commingling Owners under the Project Area**

Dugan Production Corp.  
709 Murrery Drive  
Farmington, NM 87401

OXY Y-1 Company  
5 Greenway Plaza, Suite 110  
Houston, TX 77046-0506

Dugan Production Corp.  
709 Murrery Drive  
Farmington, NM 87401

Yates Petroleum Corporation  
105 South 4th Street  
Artesia, NM 88210

ABO Petroleum Corporation  
105 South 4th Street  
Artesia, NM 88210

Myco Industries, Inc.  
105 South 4th Street  
Artesia, NM 88210

New Mexico State Land Office  
P.O. Box 1148  
Santa Fe, NM 87501



HOLLAND & HART



**Michael H. Feldewert**  
Recognized Specialist in the Area of Natural  
Resources - oil and gas law - New Mexico  
Board of Legal Specialization  
mfeldewert@hollandhart.com

April 14, 2014

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**TO AFFECTED PARTIES**

**Re: Application of Encana Oil & Gas (USA) Inc. for administrative approval of a 120-acre non-standard spacing unit in the Basin Mancos Gas Pool (97232), a 40-acre non-standard spacing unit in the South Bisti Oil Pool (5860); approval of an unorthodox well location in the Basin Mancos Gas Pool; and approval of downhole commingling of production from the South Bisti-Gallup Oil Pool and the Basin Mancos Gas Pool, Section 36, Township 24 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.**

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty days from this date with the applicant and the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this application, please contact the following:

Mona Binion  
Encana Oil & Gas (USA) Inc.  
370 17th Street, Suite 1700  
Denver, Colorado 80202  
(720) 876-5325  
[Mona.Binion@encana.com](mailto:Mona.Binion@encana.com)

Sincerely,

Michael H. Feldewert  
ATTORNEY FOR ENCANA OIL & GAS (USA) INC.

Holland & Hart LLP

Phone [505] 988-4421 Fax [505] 983-6043 [www.hollandhart.com](http://www.hollandhart.com)

110 North Guadalupe Suite 1 Santa Fe, NM 87501 Mailing Address: P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Billings Boise Boulder Cheyenne Colorado Springs Denver Denver Tech Center Jackson Hole Salt Lake City Santa Fe Washington, D.C.