RECEIVED: 06/05/2018REVIEWER: APP NO: pLEL1816238886 **LRL** NSL

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY



#### **NEW MEXICO OIL CONSERVATION DIVISION** Geological & 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 Applicant: LOGOS Operating, LLC OGRID Number: 289408 Well Name: Athena 2308 14L #3H API: 30-045-35876 Pool: Basin Mancos Gas Pool Pool Code: 97232 SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW 1) TYPE OF APPLICATION: Check those which apply for [A] A. Location – Spacing Unit – Simultaneous Dedication ■NSL NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) B. Check one only for [1] or [1] [1] Commingling – Storage – Measurement СТВ ☐ PC [ II ] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery ☐ WFX ☐ PMX □SWD □IPI □ EOR ☐ PPR FOR OCD ONLY 2) NOTIFICATION REQUIRED TO: Check those which apply. Notice Complete A. Offset operators or lease holders B. Royalty, overriding royalty owners, revenue owners **Application** C. ☐ Application requires published notice Content D. Notification and/or concurrent approval by SLO Complete E. Notification and/or concurrent approval by BLM F. Surface owner G. For all of the above, proof of notification or publication is attached, and/or, H. ☐ No notice required 3) **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. June 5, 2018 Date Christopher Jeffus Print or Type Name 505-324-4141 Phone Number cjeffus@logosresourcesllc.com

e-mail Address

DISTRICT I 1625 M. Franch Dr., Hobbs, N.M. 88240 Phone: (675) 393-8161 Fax: (676) 393-0720 DISTRICT II 811 S. First St., Artesis, N.M. 88210 Phone: (675) 748-1883 Fax: (675) 748-9720 DISTRICT III 1000 Rto Brazos Rd., Asteo, N.M. 87410 Phone: (505) 334-6178 Fax: (506) 334-6170 DISTRICT IV 1220 S. St. Francis Dr., Senta Fe, NM 67605 Phone: (605) 476-3460 Fax: (606) 476-3462

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 August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

Lim			_	In			1m 1 11	720	
	Number -045-	3587	6	Pool Code 97232			Pool Nam BASIN MA		
*Property C	-	~ .			*Property	Name		T	* Well Number
320689	9				ATHENA 2308	14L			3H
FOGRID No. 289408		Operator Name						<sup>9</sup> Elevation	
		LOGOS OPERATION				TING, LLC			6878'
					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
L	14	23-N	8-W		2200	SOUTH	578	WEST	SAN JUA
			11 Bott	om Hole	Location I	f Different Fr	om Surface		-
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West	line County
L	15	23-N	8-W		2329	SOUTH	250	WEST	SAN JUA
Dedicated Acre			15 Joint or	Infill	14 Consolidation C	ode	16 Order No.		
320.00 ACR									
S/2 SEC. 1		11 DE 4	COLONE	n mo miri	S COMPT PART	ONI ITAIMITI ATT	INTERPRETARION I	TAME DEE	EN CONSOLIBLE
NO ALLOW	ADLL W					EN APPROVED			EN CONSOLIDAT
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BOTTOM HOLE: 2329'FSL 250'F	WL SEC 15	. P(	DINT OF ENTE	RY:	SURFACE:	nataw area a c	is true and	complete to th	he best of my knowledge
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LONGITUDE: 107	'40.5994' W	1 16	ATITUDE: 36'1 ONGITUDE: 10	7"39.6120" W		107°39.4578' W	a working	truerest or unte	eased mineral interest in
MAULI							and mosted	nng ine propose	an costour vers received to
		N	AD27		NAD27		has a right	t to drill this w	ed bottom hole location or well at this location purm
LATITUDE: 36.22	6185" N		ATITUDE: 36.2	25680° N	LATITUDE: 30	6.225737" N	has a right to a contra a working	t to drill this w act with an own interest, or to a	well at this location purn ner of such a mineral or a voluntary pooling agree
LATITUDE: 36.22 LONGITUDE: 107 NADB3	6185" N .677268" W	u u	ATITUDE: 36.2 DNGITUDE: 10	25680° N	LATITUDE: 30		has a right to a control a working or a compt division.	to drill this want with an own interest, or to a decrease, or to a decrease or to a decreas	vell at this location purm ner of such a mineral or a voluntary pooling agre- order heretofore entered b
LATITUDE: 36.22 LONGITUDE: 107 NAD83	6185" N .677268" W	u u	ATITUDE: 36.2	25680° N	LATITUDE: 30 LONGITUDE:	6.225737" N	a working or a comps	ing the propose to drill this w lot with an own interest, or to d disory pooling or	so contorn noise tocasion pure ner of such a mineral or a voluntary pooling agre- order heretofore entered b
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4



June 5, 2018

#### VIA E-MAIL TRANSMISSION (Leonard.Lowe@state.nm.us)

New Mexico Oil Conservation Division Attn: Ms. Heather Riley, Director 1220 S. St. Francis Dr. Santa Fe, NM 87505

Re: Application for Non-Standard Location for drilling of the Athena 2308 14L #3H (API 30-045-35876), to be drilled as a horizontal wellbore in the Basin Mancos Gas Pool (Pool ID 97232) with a spacing unit comprised of the S/2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

Dear Ms. Riley,

LOGOS Operating, LLC ("LOGOS"), hereby requests administrative approval of an unorthodox location for the Athena 2308 14L #3H (the "Subject Well") pursuant to New Mexico Oil Conservation Division ("NMOCD") Rules pertaining to the Basin Mancos Gas Pool. LOGOS intends to drill the Subject Well as a horizontal well with a dedicated spacing unit comprised of the S/2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico (the "Spacing Unit").

Under Rule 3.C.1 of NMOCD Order R-12984, a setback of 660' from the outer boundary of a spacing unit and 10' from any interior quarter-quarter section line or subdivision inner boundary is required for a standard location. The Spacing Unit will be a standard spacing unit for development via a horizontal well. Because the Spacing Unit is covered by a single federal lease with common ownership of the affected Gallup formation, no consolidation is necessary.

All perforations in the Subject Well will be permitted at least 330' from the north line of the Spacing Unit, at least 330' from the west line of the Spacing Unit and at least 100' from the east line of the Spacing Unit. Attached as Exhibit "A", see a plat of the anticipated lateral for the Subject Well. Further, attached as Exhibit "B", please find a plat depicting all offsetting, encroached-upon spacing units (highlighted orange) along with the four (4) active Mancos or Gallup completions in such encroached upon offsetting spacing units.

The surface location to be used for accessing the 320 acre Spacing Unit resulted from cooperation with the surface management agencies of the BLM, and was selected to minimize surface impact while allowing efficient development of the Spacing Unit under generally accepted industry standards for Mancos or Gallup development in the area.

The NMOCD's Administrative Application Checklist is enclosed at the beginning of this package. By certified mailings 70120470000212081308 and 70120470000212081292, both dated

June 4, 2018, but mailed June 5, 2018, Enduring Resources, LLC, and Encana Oil & Gas (USA) Inc., respectively, were notified of this Application and were requested to submit any objections to the NMOCD within twenty (20) days. Copies of the notifications sent to Enduring Resources, LLC, and Encana Oil & Gas (USA) Inc. are attached as Exhibits C-1 and C-2 to this Application. By execution of this Application, LOGOS Resources II, LLC, consents to the encroachment upon the SENE of Section 16, Township 23 North, Range 8 West, NMPM.

If any additional information is necessary, please do not hesitate to contact Christopher Jeffus at 505-324-4141 or cjeffus@logosresourcesllc.com. Thank you for your consideration.

Sincerely,

LOGOS Operating, LLC

Christopher Jeffus

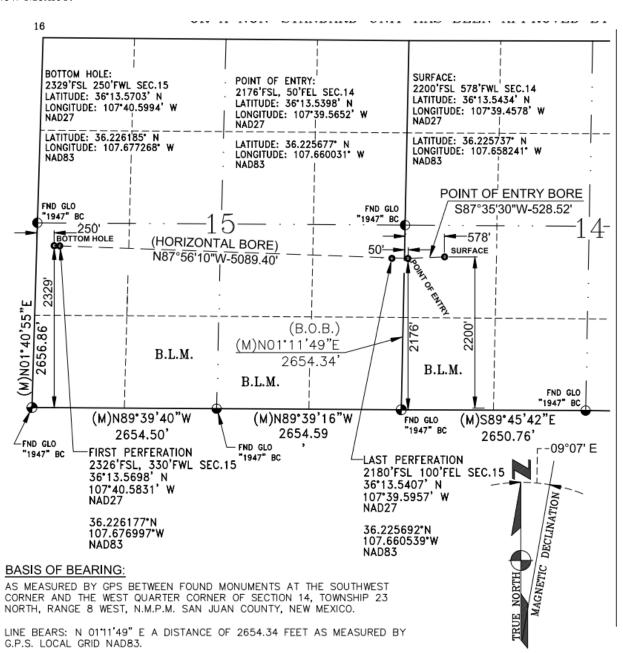
Vice President – Land/Legal

LOGOS Resources II, LLC

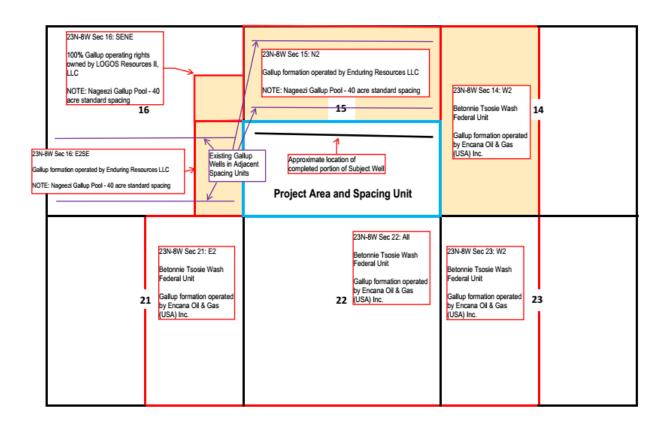
Christopher Jeffus

Vice President – Land/Legal

#### Depiction of Projected Completed Interval Path for Subject Well



## Exhibit "B" Township 23 North, Range 8 West





June 4, 2018

## VIA CERTIFIED MAIL (70120470000212081308)

Enduring Resources LLC Attn: Land Department 511 16<sup>th</sup> Street Suite 700 Denver, CO 80202

Re:

Notice of Application for Non-Standard Location for drilling of Athena 2308 14L #3H (API 30-045-35876), to be drilled as a horizontal wellbore in the Basin Mancos Gas Pool (Pool ID 97232) with a spacing unit comprised of the S/2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

To Whom It May Concern:

LOGOS Operating, LLC, as operator for LOGOS Resources II, LLC ("LOGOS"), intends to drill the Athena 2308 14L #3H (the "Subject Well") as a horizontal well with a dedicated spacing unit comprised of the S/2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico (the "Spacing Unit"). In order to efficiently develop the Spacing Unit and in conformance with industry standards used for horizontal Mancos development in the vicinity, LOGOS intends to drill the Subject Well with completions permitted at least 330' from the north line of the Spacing Unit, at least 330' from the west line of the Spacing Unit and at least 100' from the east line of the Spacing Unit. Accordingly, this proposed location is unorthodox under the New Mexico Oil Conservation Division ("NMOCD") rules governing the Basin Mancos Gas Pool.

Based upon our research, LOGOS has determined that you are the designated operator of the Gallup formation underlying (i) the E2SE of Section 16, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico and (ii) the N2 of Section 15, Township 23 North, Range 8 West, N.M.P.M. Enclosed herewith, please find (i) a plat of the Subject Well and (ii) a copy of an offset ownership plat required by 19.15.15.13.C NMAC, highlighting the encroached upon spacing units operated by Enduring Resources LLC.

Under 19.15.15.13.D NMAC, you have twenty (20) days from receipt of this letter to file any objection you may have to the proposed unorthodox location with the NMOCD.

If any further information is necessary, please contact Christopher Jeffus at 505-324-4141 or at cjeffus@logosresourcesllc.com. Thank you for your consideration of this matter.

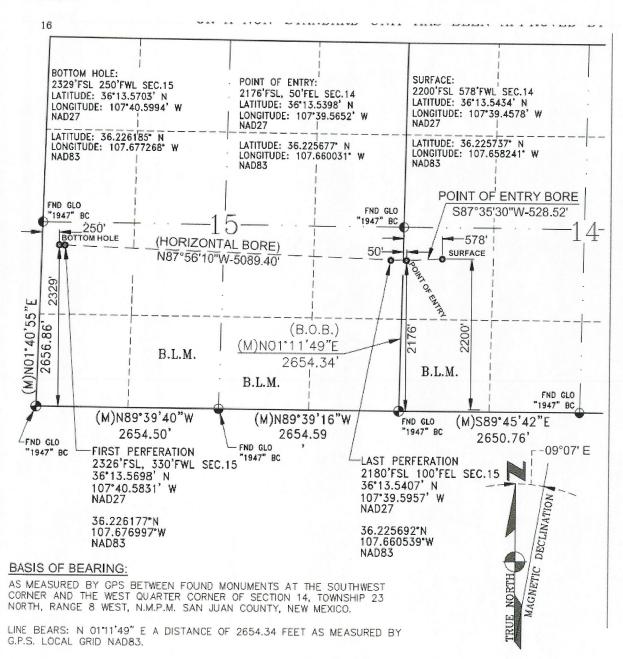
Sincerely,

LOGOS Operating, LL

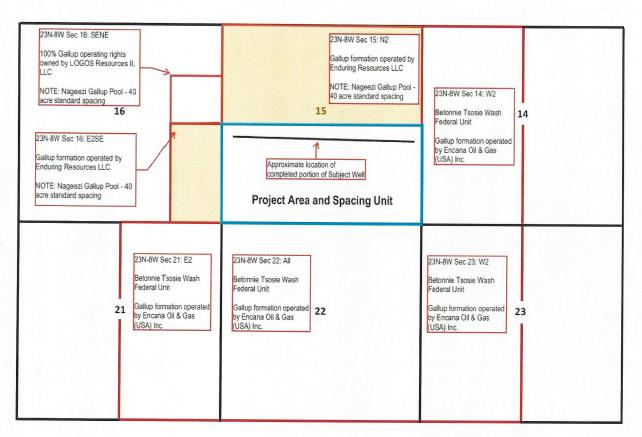
Christopher Jeffus

Vice President - Land/Legal

### Depiction of Projected Completed Interval Path for Subject Well



# Exhibit "B" Depiction of Project Area and Adjacent Spacing Units for Subject Well





June 4, 2018

### VIA CERTIFIED MAIL (70120470000212081292)

Encana Oil & Gas (USA) Inc. Attn: Land Department 370 17th Street, Suite 1700 Denver, CO 80202

Re:

Notice of Application for Non-Standard Location for drilling of Athena 2308 14L #3H (API 30-045-35876), to be drilled as a horizontal wellbore in the Basin Mancos Gas Pool (Pool ID 97232) with a spacing unit comprised of the S/2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

To Whom It May Concern:

LOGOS Operating, LLC, as operator for LOGOS Resources II, LLC ("LOGOS"), intends to drill the Athena 2308 14L #3H (the "Subject Well") as a horizontal well with a dedicated spacing unit comprised of the S/2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico (the "Spacing Unit"). In order to efficiently develop the Spacing Unit and in conformance with industry standards used for horizontal Mancos development in the vicinity, LOGOS intends to drill the Subject Well with completions permitted at least 330' from the north line of the Spacing Unit, at least 330' from the west line of the Spacing Unit and at least 100' from the east line of the Spacing Unit. Accordingly, this proposed location is unorthodox under the New Mexico Oil Conservation Division ("NMOCD") rules governing the Basin Mancos Gas Pool.

Based upon our research, LOGOS has determined that you are the designated operator of the Gallup formation underlying the W2 of Section 14 Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico. Enclosed herewith, please find (i) a plat of the Subject Well and (ii) a copy of an offset ownership plat required by 19.15.15.13.C NMAC, highlighting the encroached upon spacing unit operated by Encana Oil & Gas (USA) Inc.

Under 19.15.15.13.D NMAC, you have twenty (20) days from receipt of this letter to file any objection you may have to the proposed unorthodox location with the NMOCD.

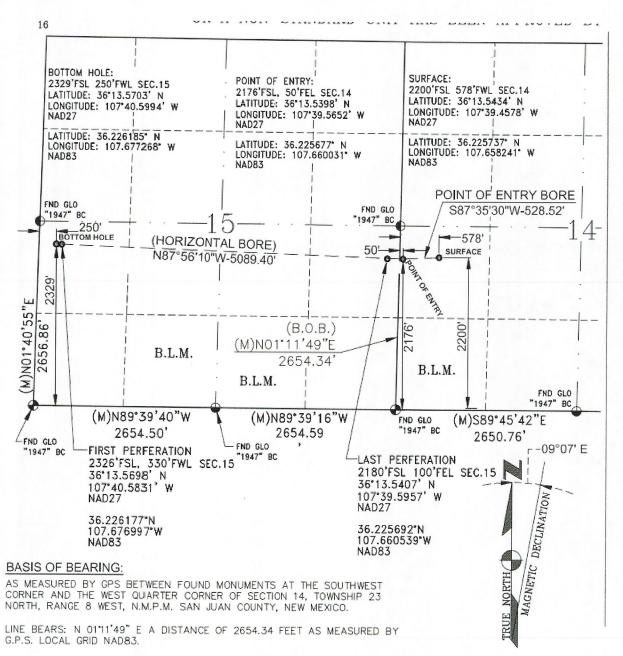
If any further information is necessary, please contact Christopher Jeffus at 505-324-4141 or at cjeffus@logosresourcesllc.com. Thank you for your consideration of this matter.

Sincerely,

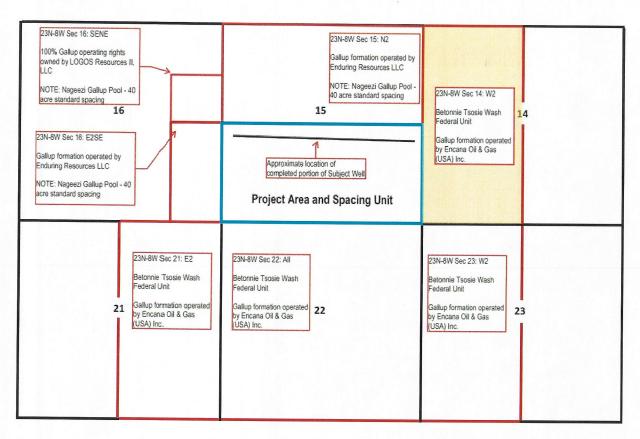
LOGOS Operating, LLC

Christopher Jeffus

### Depiction of Projected Completed Interval Path for Subject Well



## Depiction of Project Area and Adjacent Spacing Units for Subject Well



From: Christopher Jeffus
To: Lowe, Leonard, EMNRD

Subject: Application for Administrative Approval of Unorthodox Location - Athena 2308 14L #3H

Date: Tuesday, June 5, 2018 2:19:06 PM
Attachments: NSL Application - Athena 2308 14L 3H.pdf

#### Mr. Lowe,

Attached, please find an Application for Administrative Approval of Unorthodox Location covering the Athena 2308 14L #3H (API 30-045-35876). The encroached upon spacing units are depicted in Exhibit "B", and the Gallup formation underlying such encroached upon spacing units are (i) operated by Enduring Resources, LLC, or Encana Oil & Gas (USA) Inc. or (ii) are subject to 100% Gallup operating rights ownership by LOGOS Resources II, LLC (without a current operator being approved by the NMOCD).

Although we have sent certified mailings to provide notice to both Enduring and Encana, we anticipate obtaining waivers of hearing from both parties. I will follow with an email containing both such waivers when I have them in hand. LOGOS Resources II, LLC, has waived the need for hearing via execution of the attached Application.

If any further information is necessary to process the aforesaid application, please contact me at your convenience. Thank you.

#### **Christopher J. Jeffus**

Vice President – Land/Legal LOGOS Resources II, LLC 2010 Afton Place Farmington, NM 87401 Direct 505.324.4141 cjeffus@logosresourcesllc.com



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May 29, 2018

#### VIA ELECTRONIC MAIL (julia.branson@encana.com; mona.binion@encana.com)

Encana Oil & Gas (USA) Inc. Attn: Land Department 370 17<sup>th</sup> Street, Suite 1700 Denver, CO 80202

Re:

Request for waiver of hearing for non-standard location of Athena 2308 14L #3H (API 30-045-35876), to be drilled as a horizontal wellbore in the Basin Mancos Gas Pool (Pool ID 97232) with a spacing unit comprised of the S2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

To Whom It May Concern:

LOGOS Operating, LLC ("LOGOS"), as operator for LOGOS Resources II, LLC, intends to drill the Athena 2308 14L #3H (API 30-045-35876) (the "Subject Well") as a horizontal well with a dedicated spacing unit comprised of the S2 of Section 15, Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico (the "Project Area"). Prior to first production from the Subject Well, LOGOS will obtain NMOCD approval of a Form C-102 consistent with said Project Area, and such C-102 will reflect the completed interval path depicted in Exhibit "A".

A plat depicting the operator of adjacent spacing units or, absent a New Mexico Oil Conservation Division ("NMOCD") approved operator, the owner of the Gallup operating rights in adjacent spacing units is attached to this letter as Exhibit "B". LOGOS's research reflects that Encana is the operator and/or owner of the Gallup rights underlying the encroached-upon spacing unit(s) depicted in orange on the attached Exhibit "B".

In order to efficiently develop the Project Area and to minimize surface disturbance through use of an existing surface pad, LOGOS intends to drill the Subject Well with the completed interval path depicted in Exhibit "A". The "last take point" in such completed interval path is located 100' west of the common boundary line between the Project Area and the encroached upon spacing unit depicted in orange on the attached Exhibit "B". All points along the completed interval path depicted in Exhibit "A" are at least 330' along a line drawn perpendicular to the proposed completed interval path from the encroached upon spacing unit depicted in orange on the attached Exhibit "B". Accordingly, the proposed location is unorthodox under the NMOCD rules governing the Basin Mancos Gas Pool.

Accordingly, LOGOS respectfully requests that Encana Oil & Gas (USA) Inc. waive requirement for hearing prior to approval of a non-standard location for the Subject Well with a permitted completed interval path depicted in Exhibit "A". If agreeable to Encana, please provide notice of such agreement by executing and returning a copy of this letter to me electronically at cjeffus@logosresourcesllc.com.

If any further information is necessary, please contact Christopher Jeffus at 505-324-4141 or at cjeffus@logosresourcesllc.com. Thank you for your consideration of this matter.

Sincerely,

LOGOS Operating, LLC

Christopher Jeffus

Vice President - Land/Legal

Executed by or on behalf of Encana Oil & Gas (USA) Inc. for purposes of evidencing consent to and waiver of hearing for a non-standard location for the completed interval path of the Athena 2308 14L #3H (API 30-045-35876) depicted on Exhibit "A" attached hereto.

Encana Oil & Gas (USA) Inc.

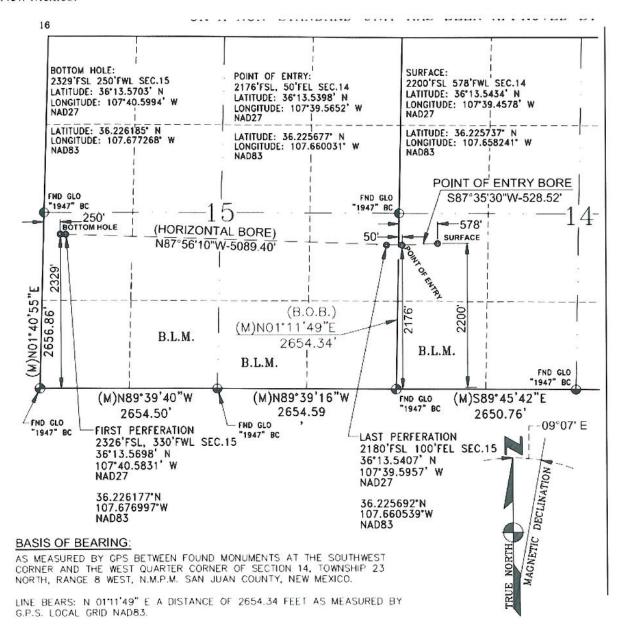
By:

Name: Constance D. Heath

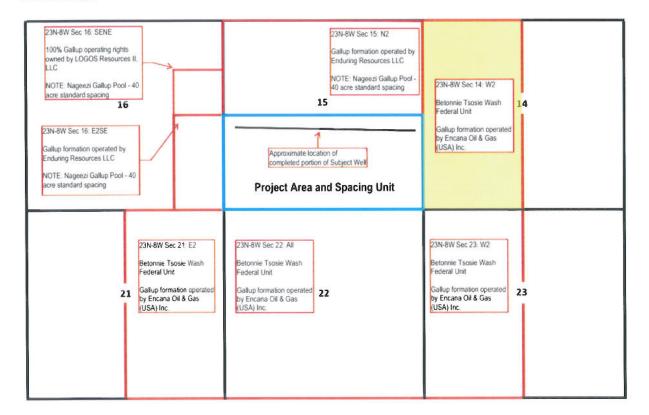
Title: Director Land Negotiation

Date: 06/13/2018

#### Depiction of Projected Completed Interval Path for Subject Well



## Exhibit "B" Depiction of Project Area and Adjacent Spacing Units for Subject Well





June 5, 2018

#### VIA ELECTRONIC MAIL (acampbell@enduringresources.com)

Enduring Resources, LLC Attn: Land Department 1050 17<sup>th</sup> Street, Suite 2500 Denver, CO 80265

Re:

Request for waiver of hearing for non-standard location of Athena 2308 14L #3H (API 30-045-35876), to be drilled as a horizontal wellbore in the Basin Mancos Gas Pool (Pool ID 97232) with a spacing unit comprised of the S2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

#### Dear Alex:

LOGOS Operating, LLC ("LOGOS"), as operator for LOGOS Resources II, LLC, intends to drill the Athena 2308 14L #3H (API 30-045-35876) (the "Subject Well") as a horizontal well with a dedicated spacing unit comprised of the S2 of Section 15, Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico (the "Project Area"). Prior to first production from the Subject Well, LOGOS will obtain NMOCD approval of a Form C-102 consistent with said Project Area, and such C-102 will reflect the completed interval path depicted in Exhibit "A".

A plat depicting the operator of adjacent spacing units or, absent a New Mexico Oil Conservation Division ("NMOCD") approved operator, the owner of the Gallup operating rights in adjacent spacing units is attached to this letter as Exhibit "B". LOGOS's research reflects that Enduring Resources, LLC ("Enduring") is the operator and/or owner of the Gallup rights underlying the encroached-upon spacing unit(s) depicted in orange on the attached Exhibit "B".

In order to efficiently develop the Project Area and to minimize surface disturbance through use of an existing surface pad, LOGOS intends to drill the Subject Well with the completed interval path depicted in Exhibit "A". The "first take point" in such completed interval path is located 330' from the common boundary line between the Project Area and the adjacent encroached upon spacing unit(s) depicted in orange on the attached Exhibit "B". Further, all points along the completed interval path depicted in Exhibit "A" are at least 330' along a line drawn perpendicular to the proposed completed interval path from the encroached upon spacing units depicted in orange on the attached Exhibit "B". Accordingly, the proposed location is unorthodox under the NMOCD rules governing the Basin Mancos Gas Pool.

Accordingly, LOGOS respectfully requests that Enduring Resources, LLC waive requirement for hearing prior to approval of a non-standard location for the Subject Well with a permitted completed interval path depicted in Exhibit "A". If agreeable to Enduring, please provide notice of such agreement by executing and returning a copy of this letter to me electronically at cjeffus@logosresourcesllc.com.

If any further information is necessary, please contact Christopher Jeffus at 505-324-4141 or at cjeffus@logosresourcesllc.com. Thank you for your consideration of this matter.

Sincerely, LOGOS Operating, LLC Christopher Jeffus Vice President – Land/Legal

Executed by or on behalf of Enduring Resources, LLC for purposes of evidencing consent to and waiver of hearing for a non-standard location for the completed interval path of the Athena 2308 14L #3H (API 30-045-35876) depicted on Exhibit "A" attached hereto.

**Enduring Resources, LLC** 

By:

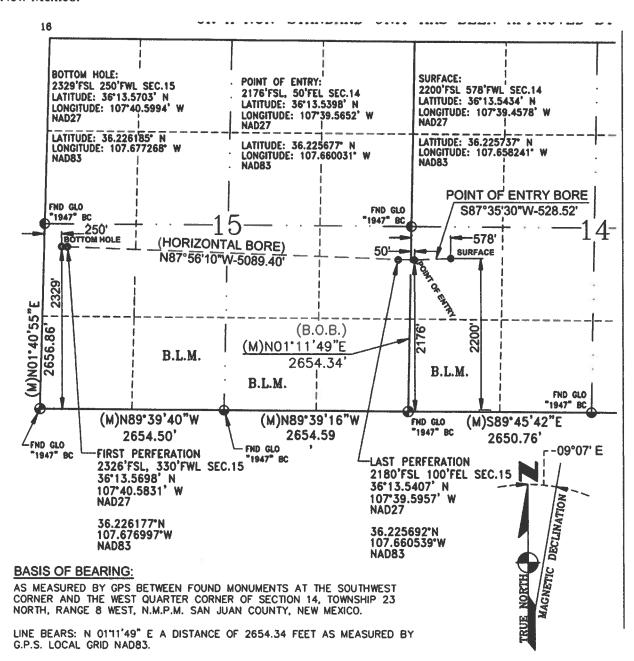
Alex B. Campbell

Name: Title:

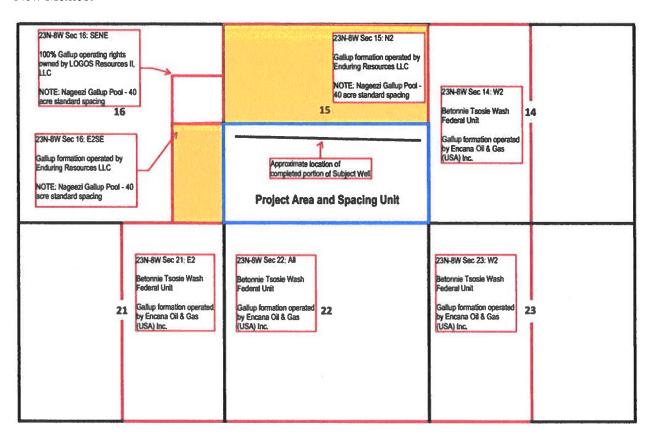
Vice President

Date:

#### Depiction of Projected Completed Interval Path for Subject Well



### Depiction of Project Area and Adjacent Spacing Units for Subject Well



**Sent:** Tuesday, June 05, 2018 2:17 PM

**To:** Lowe, Leonard, EMNRD < Leonard.Lowe@state.nm.us>

Subject: Application for Administrative Approval of Unorthodox Location - Athena 2308 14L #3H

Mr. Lowe,

Attached, please find an Application for Administrative Approval of Unorthodox Location covering the Athena 2308 14L #3H (API 30-045-35876). The encroached upon spacing units are depicted in Exhibit "B", and the Gallup formation underlying such encroached upon spacing units are (i) operated by Enduring Resources, LLC, or Encana Oil & Gas (USA) Inc. or (ii) are subject to 100% Gallup operating rights ownership by LOGOS Resources II, LLC (without a current operator being approved by the NMOCD).

Although we have sent certified mailings to provide notice to both Enduring and Encana, we anticipate obtaining waivers of hearing from both parties. I will follow with an email containing both such waivers when I have them in hand. LOGOS Resources II, LLC, has waived the need for hearing via execution of the attached Application.

If any further information is necessary to process the aforesaid application, please contact me at your convenience. Thank you.

#### Christopher J. Jeffus

Vice President – Land/Legal LOGOS Resources II, LLC 2010 Afton Place Farmington, NM 87401 Direct 505.324.4141

cieffus@logosresourcesllc.com



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From: Christopher Jeffus
To: Lowe, Leonard, EMNRD

Subject: RE: Application for Administrative Approval of Unorthodox Location - Athena 2308 14L #3H

 Date:
 Monday, June 18, 2018 12:25:01 PM

 Attachments:
 NSL Application - Athena 2308 14L 3H.PDF

Encana Executed NSL Waiver - Athena 2308 14L #3.pdf Enduring Executed NSL Waiver - Athena 2308 14L #3.pdf

#### Mr. Lowe,

Attached to this email please find the following:

- Copy of Application for Non-Standard Location for the Athena 2308 14L 3H, as originally submitted on June 5, 2018. The attached application is exactly identical to the Application sent on June 5, 2018.
- Waiver of Hearing for Non-Standard Location for the Athena 2308 14L 3H, executed by Encana Oil & Gas (USA) Inc.
- Waiver of Hearing for Non-Standard Location for the Athena 2308 14L 3H, executed by Enduring Resources LLC

Encana and Enduring represent the only affected parties for the applicable non-standard location, with the exception of LOGOS Resources II, LLC or its subsidiary LOGOS Operating, LLC. If any further information is necessary for your review of the attached Application, please contact me and I will obtain that information as quickly as possible. Thank you.

#### **Christopher J. Jeffus**

Vice President – Land/Legal LOGOS Resources II, LLC 2010 Afton Place Farmington, NM 87401 Direct 505.324.4141 cjeffus@logosresourcesllc.com



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**From:** Christopher Jeffus



May 29, 2018

#### VIA ELECTRONIC MAIL (julia.branson@encana.com; mona.binion@encana.com)

Encana Oil & Gas (USA) Inc. Attn: Land Department 370 17<sup>th</sup> Street, Suite 1700 Denver, CO 80202

Re:

Request for waiver of hearing for non-standard location of Athena 2308 14L #3H (API 30-045-35876), to be drilled as a horizontal wellbore in the Basin Mancos Gas Pool (Pool ID 97232) with a spacing unit comprised of the S2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

To Whom It May Concern:

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A plat depicting the operator of adjacent spacing units or, absent a New Mexico Oil Conservation Division ("NMOCD") approved operator, the owner of the Gallup operating rights in adjacent spacing units is attached to this letter as Exhibit "B". LOGOS's research reflects that Encana is the operator and/or owner of the Gallup rights underlying the encroached-upon spacing unit(s) depicted in orange on the attached Exhibit "B".

In order to efficiently develop the Project Area and to minimize surface disturbance through use of an existing surface pad, LOGOS intends to drill the Subject Well with the completed interval path depicted in Exhibit "A". The "last take point" in such completed interval path is located 100' west of the common boundary line between the Project Area and the encroached upon spacing unit depicted in orange on the attached Exhibit "B". All points along the completed interval path depicted in Exhibit "A" are at least 330' along a line drawn perpendicular to the proposed completed interval path from the encroached upon spacing unit depicted in orange on the attached Exhibit "B". Accordingly, the proposed location is unorthodox under the NMOCD rules governing the Basin Mancos Gas Pool.

Accordingly, LOGOS respectfully requests that Encana Oil & Gas (USA) Inc. waive requirement for hearing prior to approval of a non-standard location for the Subject Well with a permitted completed interval path depicted in Exhibit "A". If agreeable to Encana, please provide notice of such agreement by executing and returning a copy of this letter to me electronically at cjeffus@logosresourcesllc.com.

If any further information is necessary, please contact Christopher Jeffus at 505-324-4141 or at cjeffus@logosresourcesllc.com. Thank you for your consideration of this matter.

Sincerely,

LOGOS Operating, LLC

Christopher Jeffus

Vice President - Land/Legal

Executed by or on behalf of Encana Oil & Gas (USA) Inc. for purposes of evidencing consent to and waiver of hearing for a non-standard location for the completed interval path of the Athena 2308 14L #3H (API 30-045-35876) depicted on Exhibit "A" attached hereto.

Encana Oil & Gas (USA) Inc.

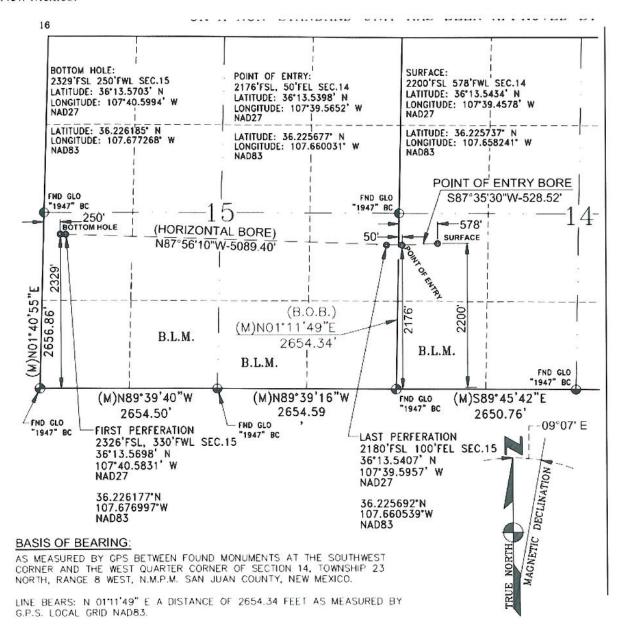
By:

Name: Constance D. Heath

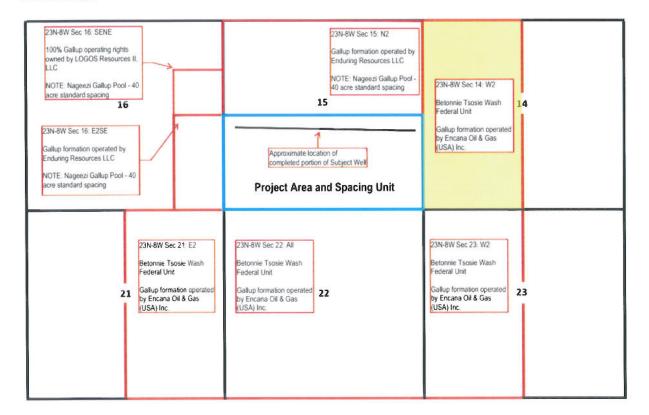
Title: Director Land Negotiation

Date: 06/13/2018

#### Depiction of Projected Completed Interval Path for Subject Well



## Exhibit "B" Depiction of Project Area and Adjacent Spacing Units for Subject Well





June 5, 2018

#### VIA ELECTRONIC MAIL (acampbell@enduringresources.com)

Enduring Resources, LLC Attn: Land Department 1050 17<sup>th</sup> Street, Suite 2500 Denver, CO 80265

Re:

Request for waiver of hearing for non-standard location of Athena 2308 14L #3H (API 30-045-35876), to be drilled as a horizontal wellbore in the Basin Mancos Gas Pool (Pool ID 97232) with a spacing unit comprised of the S2 of Section 15, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

#### Dear Alex:

LOGOS Operating, LLC ("LOGOS"), as operator for LOGOS Resources II, LLC, intends to drill the Athena 2308 14L #3H (API 30-045-35876) (the "Subject Well") as a horizontal well with a dedicated spacing unit comprised of the S2 of Section 15, Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico (the "Project Area"). Prior to first production from the Subject Well, LOGOS will obtain NMOCD approval of a Form C-102 consistent with said Project Area, and such C-102 will reflect the completed interval path depicted in Exhibit "A".

A plat depicting the operator of adjacent spacing units or, absent a New Mexico Oil Conservation Division ("NMOCD") approved operator, the owner of the Gallup operating rights in adjacent spacing units is attached to this letter as Exhibit "B". LOGOS's research reflects that Enduring Resources, LLC ("Enduring") is the operator and/or owner of the Gallup rights underlying the encroached-upon spacing unit(s) depicted in orange on the attached Exhibit "B".

In order to efficiently develop the Project Area and to minimize surface disturbance through use of an existing surface pad, LOGOS intends to drill the Subject Well with the completed interval path depicted in Exhibit "A". The "first take point" in such completed interval path is located 330' from the common boundary line between the Project Area and the adjacent encroached upon spacing unit(s) depicted in orange on the attached Exhibit "B". Further, all points along the completed interval path depicted in Exhibit "A" are at least 330' along a line drawn perpendicular to the proposed completed interval path from the encroached upon spacing units depicted in orange on the attached Exhibit "B". Accordingly, the proposed location is unorthodox under the NMOCD rules governing the Basin Mancos Gas Pool.

Accordingly, LOGOS respectfully requests that Enduring Resources, LLC waive requirement for hearing prior to approval of a non-standard location for the Subject Well with a permitted completed interval path depicted in Exhibit "A". If agreeable to Enduring, please provide notice of such agreement by executing and returning a copy of this letter to me electronically at cjeffus@logosresourcesllc.com.

If any further information is necessary, please contact Christopher Jeffus at 505-324-4141 or at cjeffus@logosresourcesllc.com. Thank you for your consideration of this matter.

Sincerely, LOGOS Operating, LLC Christopher Jeffus Vice President – Land/Legal

Executed by or on behalf of Enduring Resources, LLC for purposes of evidencing consent to and waiver of hearing for a non-standard location for the completed interval path of the Athena 2308 14L #3H (API 30-045-35876) depicted on Exhibit "A" attached hereto.

**Enduring Resources, LLC** 

By:

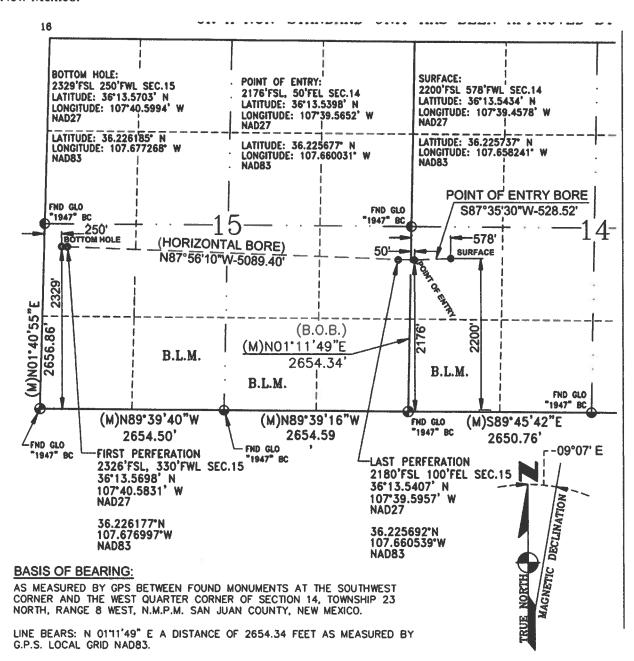
Alex B. Campbell

Name: Title:

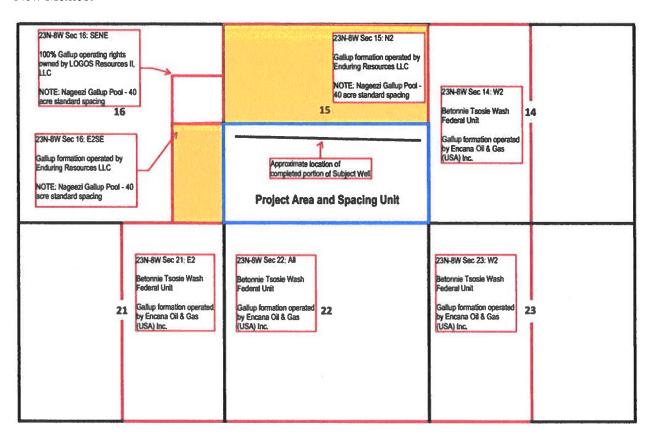
Vice President

Date:

#### Depiction of Projected Completed Interval Path for Subject Well



### Depiction of Project Area and Adjacent Spacing Units for Subject Well



From: Lowe, Leonard, EMNRD

To: "Christopher Jeffus"

Cc: Perrin, Charlie, EMNRD; Vermersch, Amy H, EMNRD; Pickford, Katherine, EMNRD; Jones, William V, EMNRD;

McMillan, Michael, EMNRD; Goetze, Phillip, EMNRD; "lisa@rwbyram.com"; "jglover@blm.gov";

"dmankiew@blm.gov"

Subject: APPROVED NSL-7739\_Logos Operating, LLC.\_Athena 2308 14L Well No. 3H\_SEC 14 23N 8W

**Date:** Thursday, July 5, 2018 4:51:00 PM

Importance: High

#### Mr. Christopher Jeffus

The following Administrative Order has been issued.

**ORDER: NSL-7739** 

OPERATOR: LOGOS OPERATING, LLC POOL: Basin Mancos; Gas Pool [No. 97232]

WELL: Athena 2308 14L Well No. 3H

API NO: 30-045-35876

The Order will soon be available on the Division's web site: <a href="http://ocdimage.emnrd.state.nm.us/Imaging/Default.aspx">http://ocdimage.emnrd.state.nm.us/Imaging/Default.aspx</a>

Thank you!

#### **Leonard Lowe**

Engineering Bureau

Oil Conservation Division

Energy Minerals and Natural Resources Department

1220 South St. Frances

Santa Fe, New Mexico 87004

Office: 505-476-3492 Cell: 505-930-6717 Fax: 505-476-3462

E-mail: leonard.lowe@state.nm.us

Website: <a href="http://www.emnrd.state.nm.us/ocd/">http://www.emnrd.state.nm.us/ocd/</a>