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|----------------------|---------------|-----------|------------------------|
| RECEIVED: 06/05/2018 | REVIEWER: LRL | TYPE: NSL | APP NO: pLEL1816238886 |
|----------------------|---------------|-----------|------------------------|

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)☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application
Content
Complete

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.

Christopher Jeffus

Print or Type Name

Signature

June 5, 2018

Date

505-324-4141

Phone Number

cjeffus@logosresourcesllc.com

e-mail Address

DISTRICT I
1825 N. Franch Dr., Hobbs, N.M. 88240
Phone: (505) 393-8181 Fax: (505) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (505) 748-1883 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-8178 Fax: (505) 334-8170

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|---|--|---------------------------------|--|
| ¹ API Number 30-045-35876 | | ² Pool Code 97232 | ³ Pool Name BASIN MANCOS |
| ⁴ Property Code 320689 | ⁵ Property Name ATHENA 230B 14L | | ⁶ Well Number 3H |
| ⁷ OGRID No. 289408 | ⁸ Operator Name LOGOS OPERATING, LLC | | ⁹ Elevation 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 JUAN |

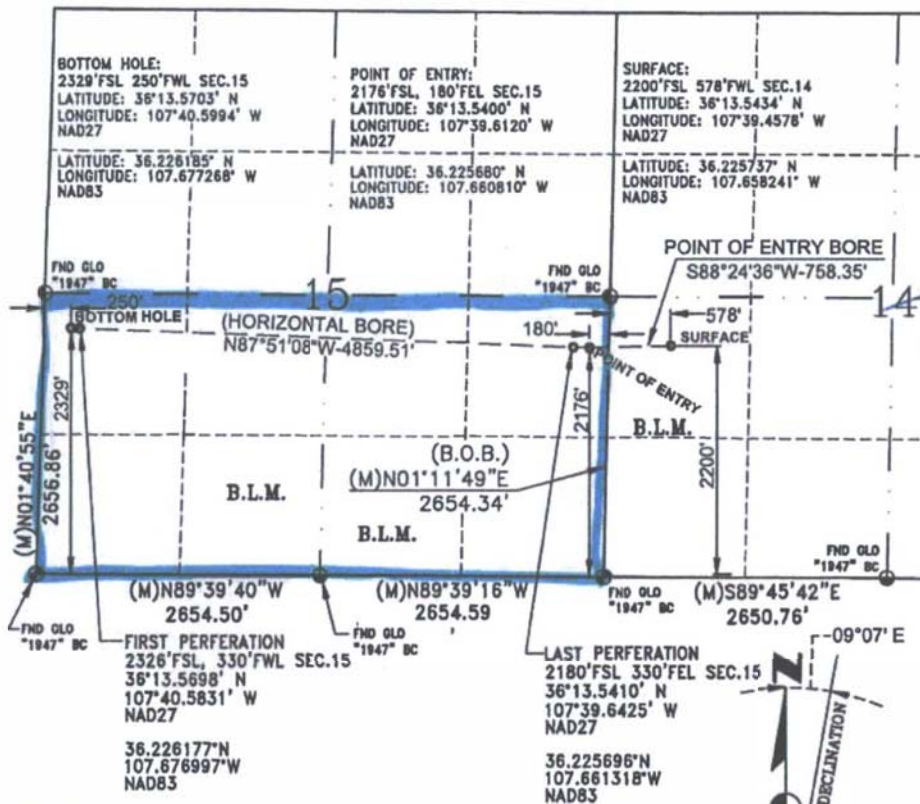
¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| L | 15 | 23-N | 8-W | | 2329 | SOUTH | 250 | WEST | SAN JUAN |

| | | | |
|--|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 320.00 ACRES = S/2 SEC. 15 | 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

16



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 an undivided 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.

Signature: *Tamra Sessions* Date: 4/17/18
 Printed Name: Tamra Sessions
 E-mail Address: tsessions@logosresourcesllc.com

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.

APRIL 17, 2018
 Date of Survey
 Signature and Seal of Professional Surveyor
 GLEN W. RUSSELL
 Certificate Number 15703

BASIS OF BEARING:

AS MEASURED BY GPS BETWEEN FOUND MONUMENTS AT THE SOUTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 14, TOWNSHIP 23 NORTH, RANGE 8 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.

LINE BEARS: N 01°11'49" E A DISTANCE OF 2654.34 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.



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

LOGOS Operating, LLC

2010 Afton Place - Farmington, NM 87401 - Direct 505-324-4100 - Fax 505-832-3095

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

Exhibit "A"

Depiction of Projected Completed Interval Path for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.

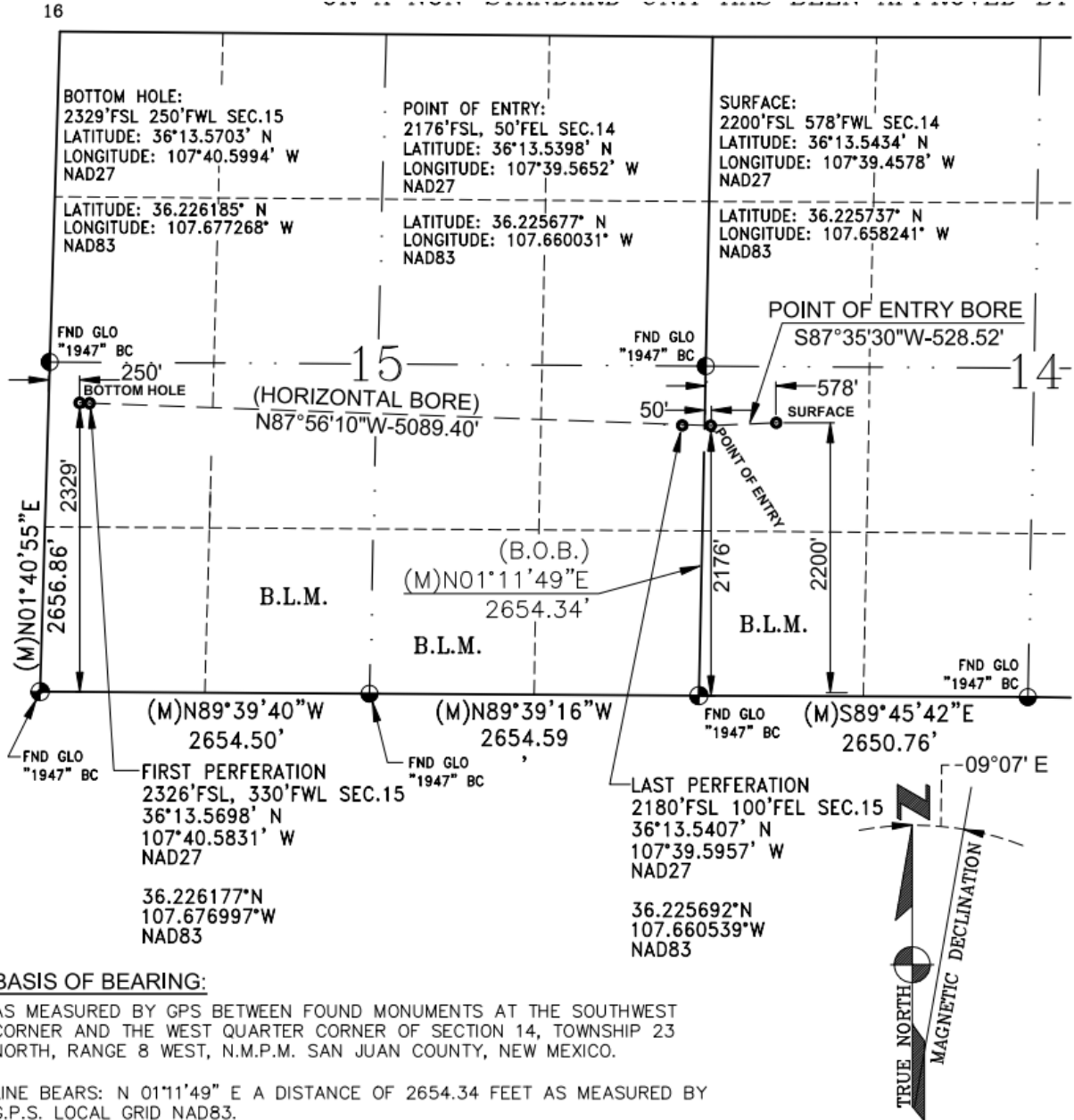
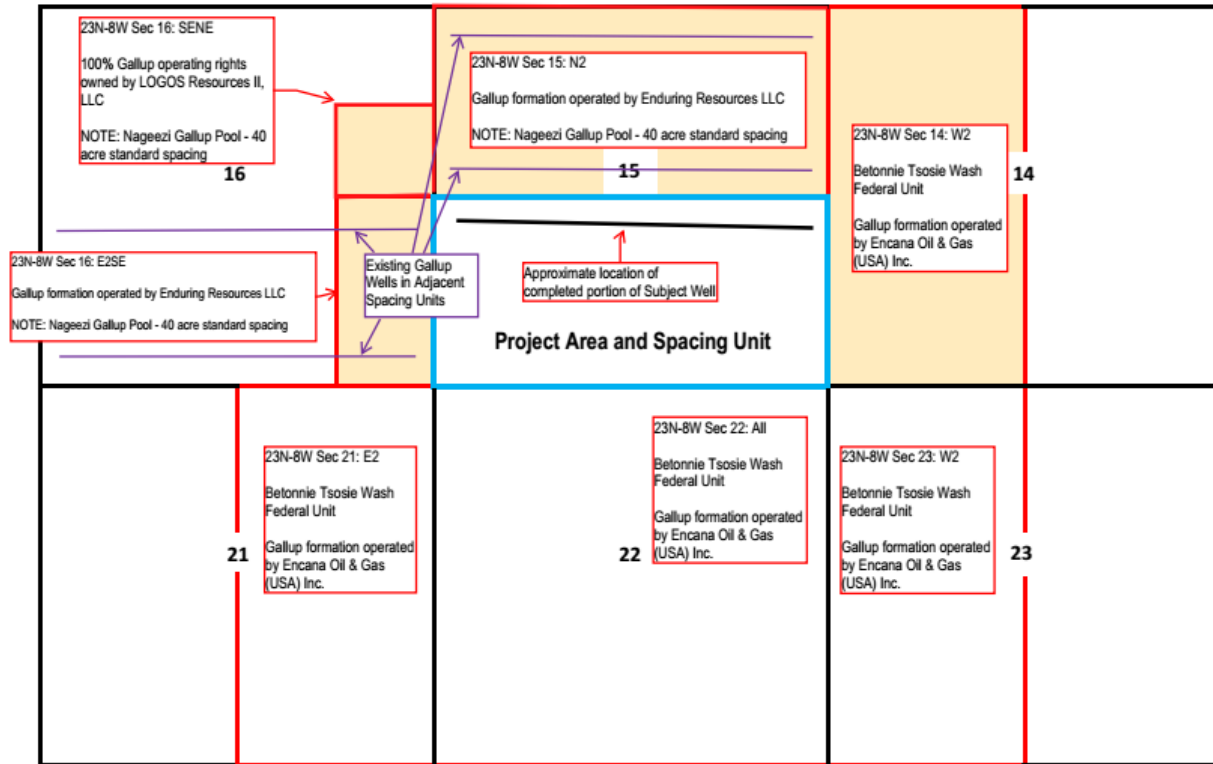


Exhibit "B"

Township 23 North, Range 8 West





June 4, 2018

VIA CERTIFIED MAIL (70120470000212081308)

Enduring Resources LLC
Attn: Land Department
511 16th 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, LLC

A handwritten signature in blue ink, appearing to read "Christopher Jeffus".

Christopher Jeffus
Vice President – Land/Legal

LOGOS Operating, LLC

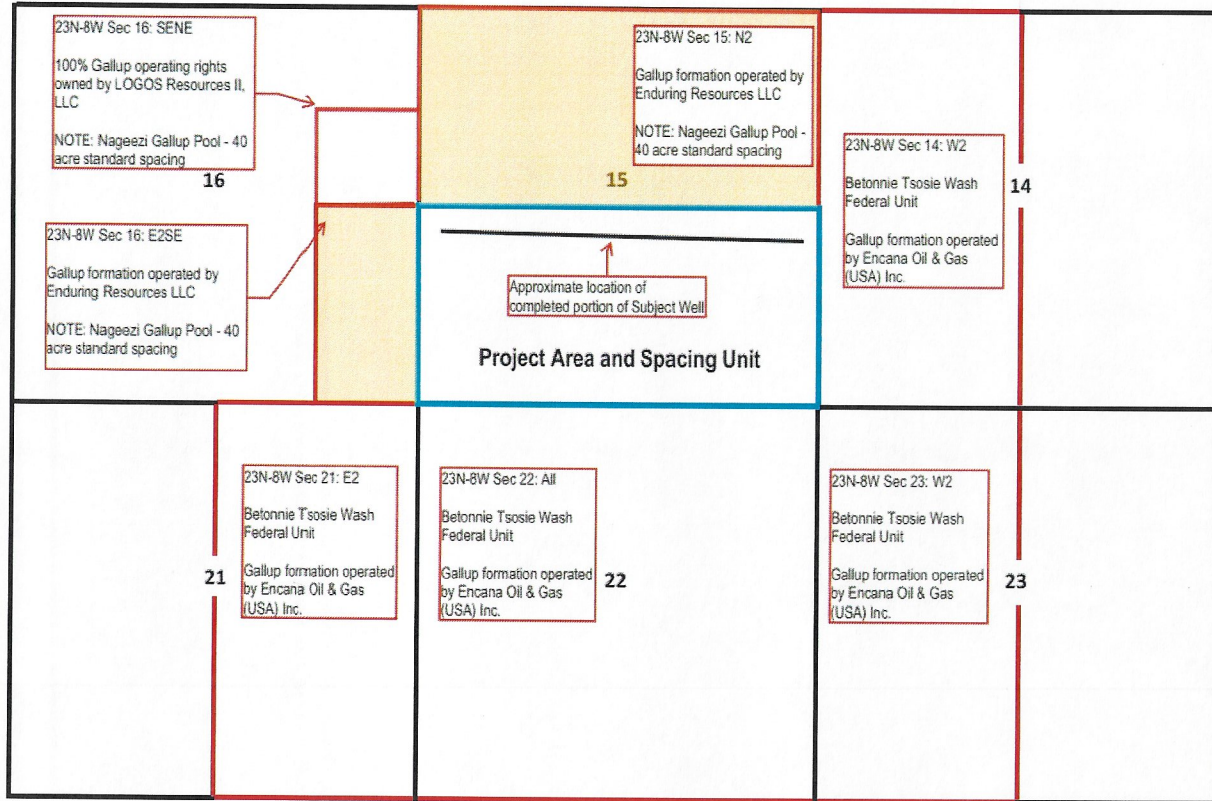
2010 Afton Place - Farmington, NM 87401 - Direct 505-324-4100 - Fax 505-832-3095

LINE BEARS: N 01°11'49" E A DISTANCE OF 2654.34 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.

Exhibit "B"

Depiction of Project Area and Adjacent Spacing Units for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.





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.

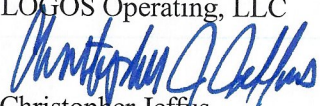
To Whom It May Concern:

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.

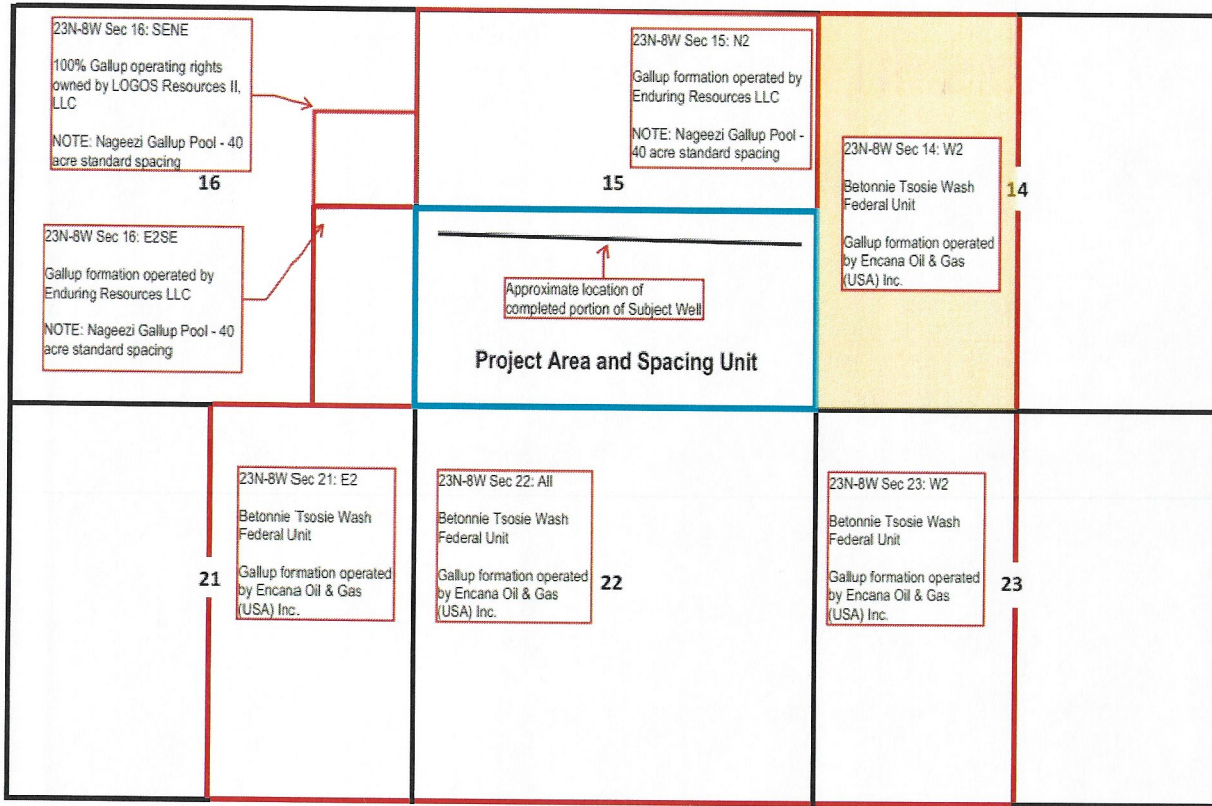
Sincerely,
LOGOS Operating, LLC

Christopher Jeffus
Vice President – Land/Legal

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.

Exhibit "B"

Depiction of Project Area and Adjacent Spacing Units for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.



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 17th 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.

LOGOS Operating, LLC
2010 Afton Place - Farmington, NM 87401 - Direct 505-324-4100 - Fax 505-832-3095

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,
Western operations

Date: 06/13/2018

Exhibit "A"

Depiction of Projected Completed Interval Path for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.

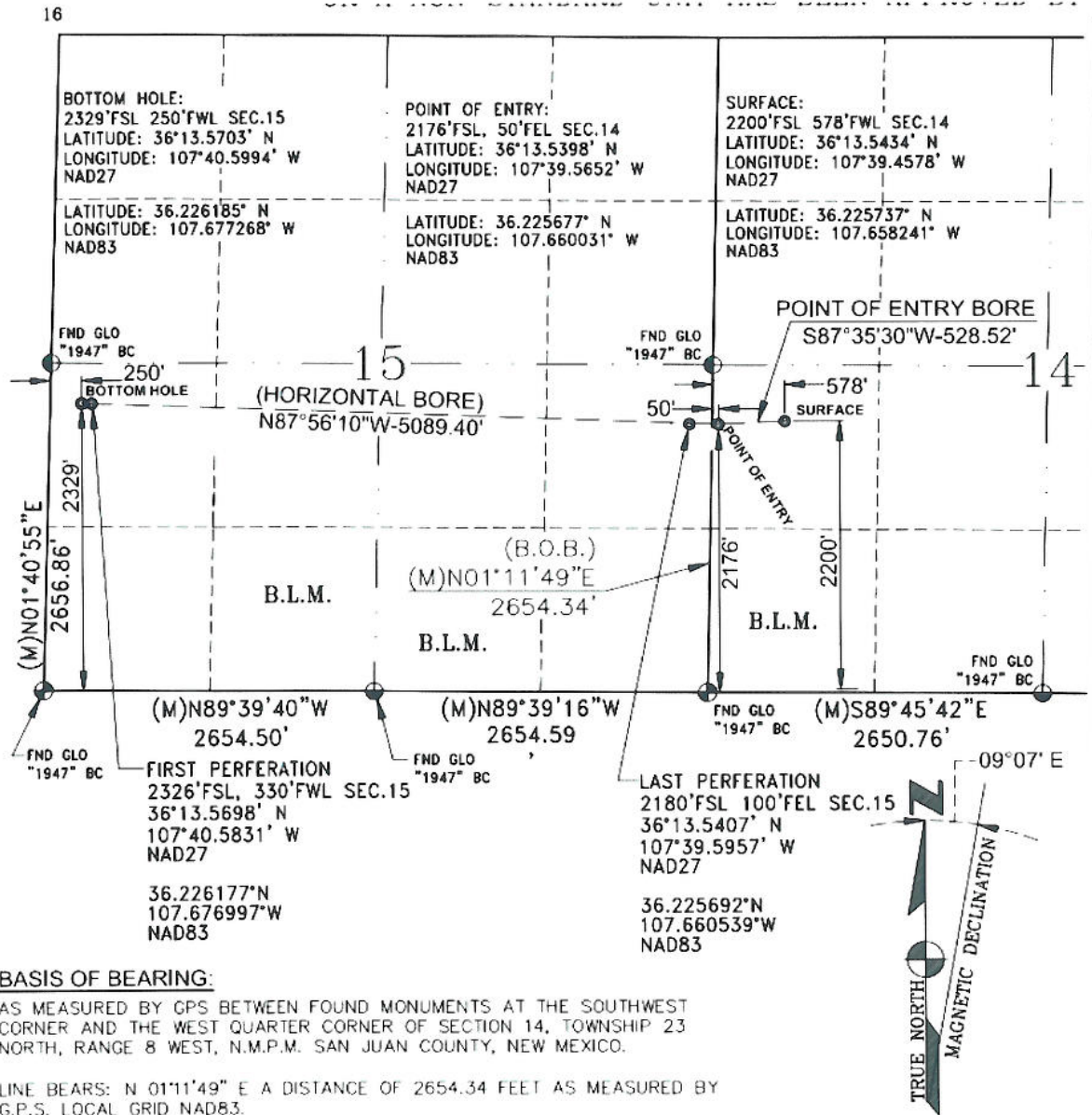
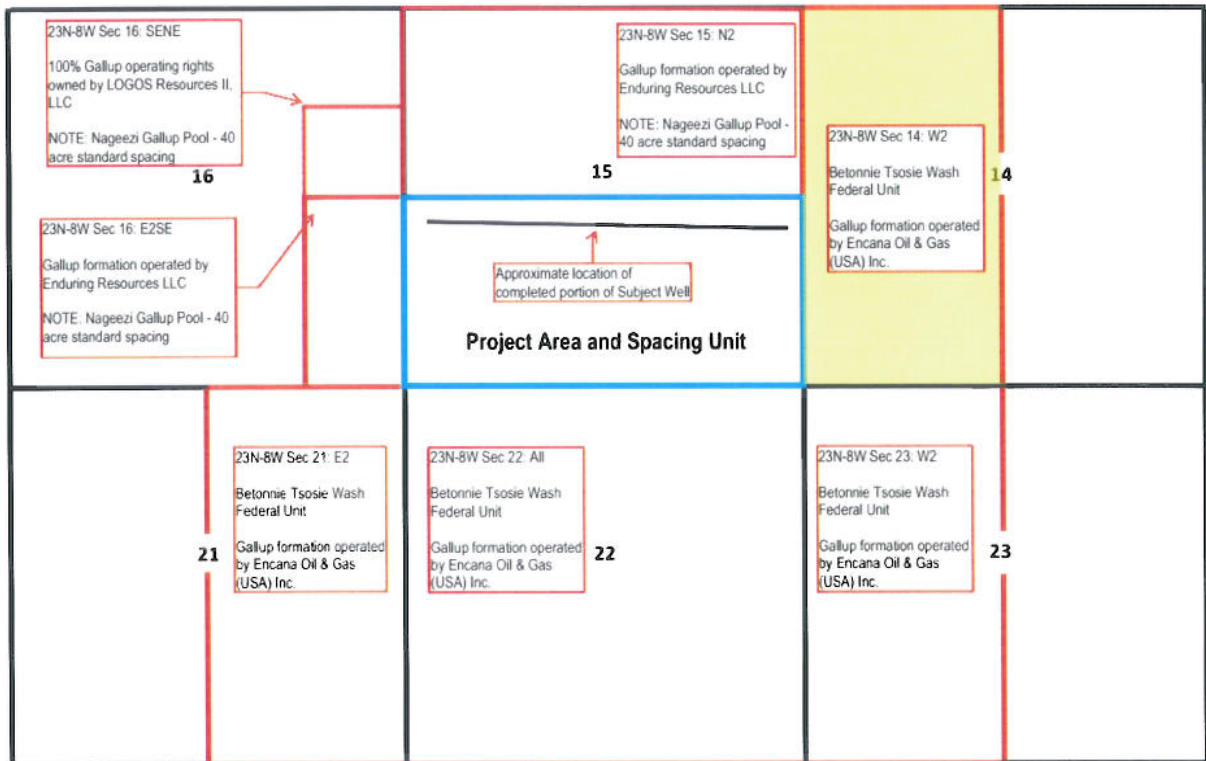


Exhibit "B"

Depiction of Project Area and Adjacent Spacing Units for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.





June 5, 2018

VIA ELECTRONIC MAIL (acampbell@enduringresources.com)

Enduring Resources, LLC
Attn: Land Department
1050 17th 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.

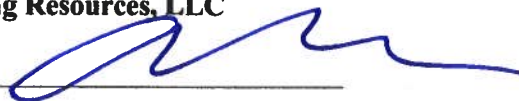
Accordingly, LOGOS respectfully requests that Enduring Resources, LLC waive requirement for hearing prior to approval of a non-standard location for the Subject Well with a permitted completed interval path depicted in Exhibit “A”. If agreeable to Enduring, please provide notice of such agreement by 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

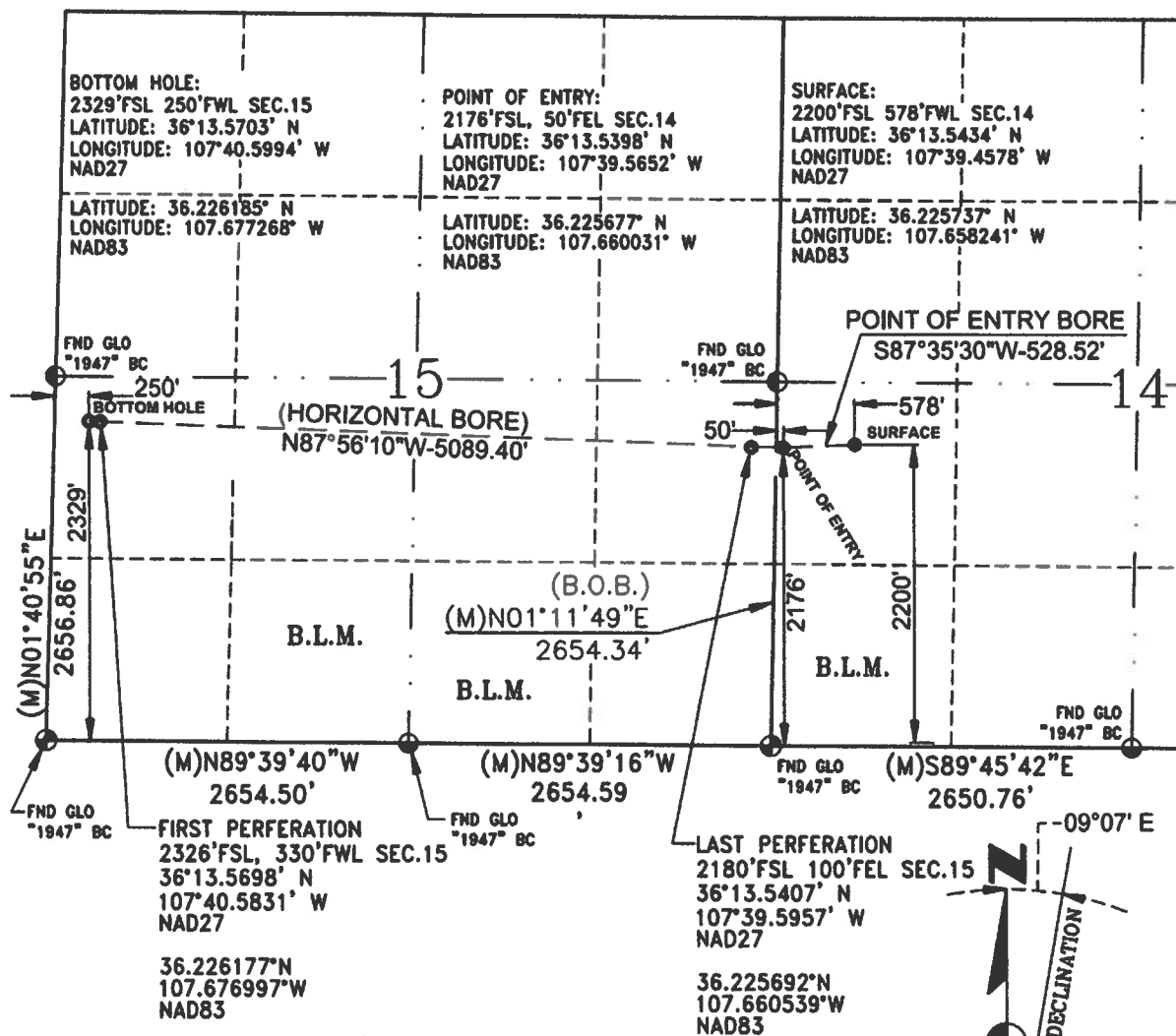
Executed by or on behalf of Enduring Resources, LLC for purposes of evidencing consent to and waiver of hearing for a non-standard location for the completed interval path of the Athena 2308 14L #3H (API 30-045-35876) depicted on Exhibit "A" attached hereto.

Enduring Resources, LLC

By: 
Name: Alex B. Campbell
Title: Vice President
Date: 06/05/17

Depiction of Projected Completed Interval Path for Subject Well

16



AS MEASURED BY GPS BETWEEN FOUND MONUMENTS AT THE SOUTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 14, TOWNSHIP 23 NORTH, RANGE 8 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.

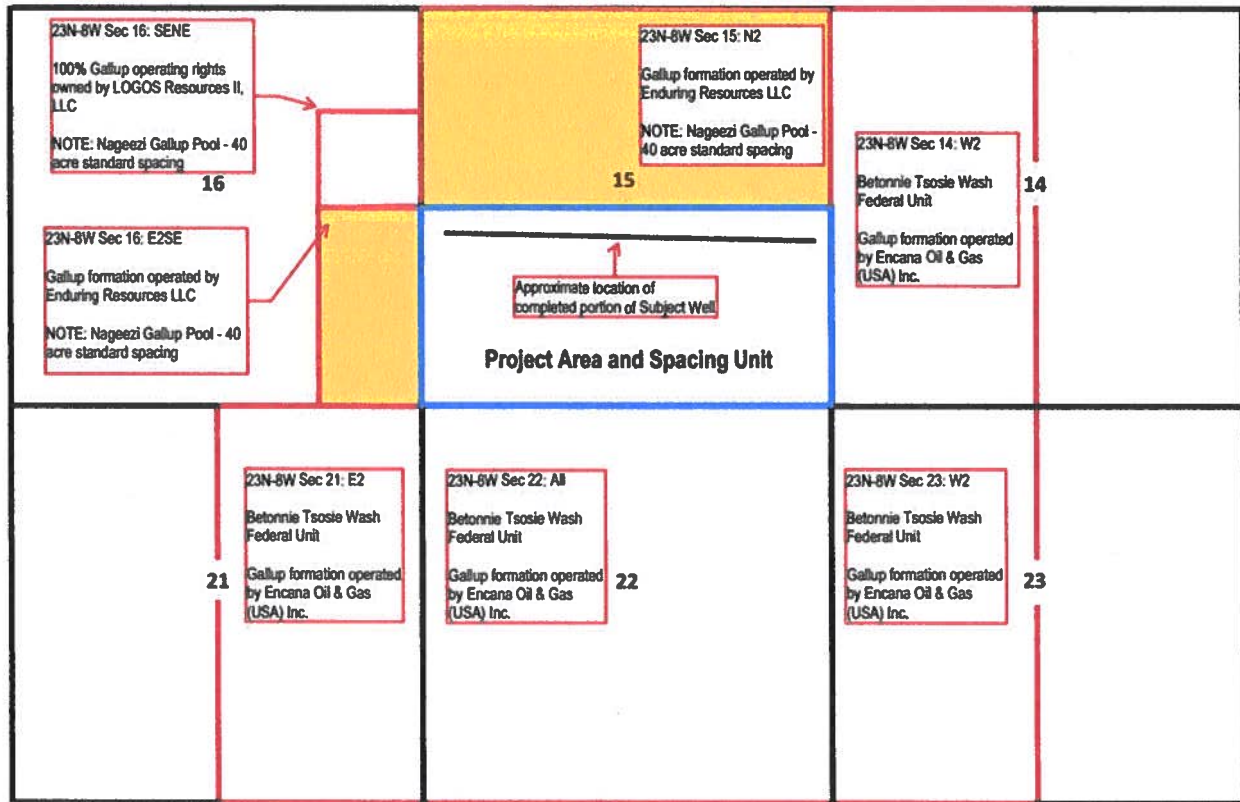
LINE BEARS: N 01°11'49" E A DISTANCE OF 2654.34 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.



Exhibit "B"

Depiction of Project Area and Adjacent Spacing Units for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.



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

cjeffus@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 17th 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.

LOGOS Operating, LLC
2010 Afton Place - Farmington, NM 87401 - Direct 505-324-4100 - Fax 505-832-3095

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,
Western operations

Date: 06/13/2018

Exhibit "A"

Depiction of Projected Completed Interval Path for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.

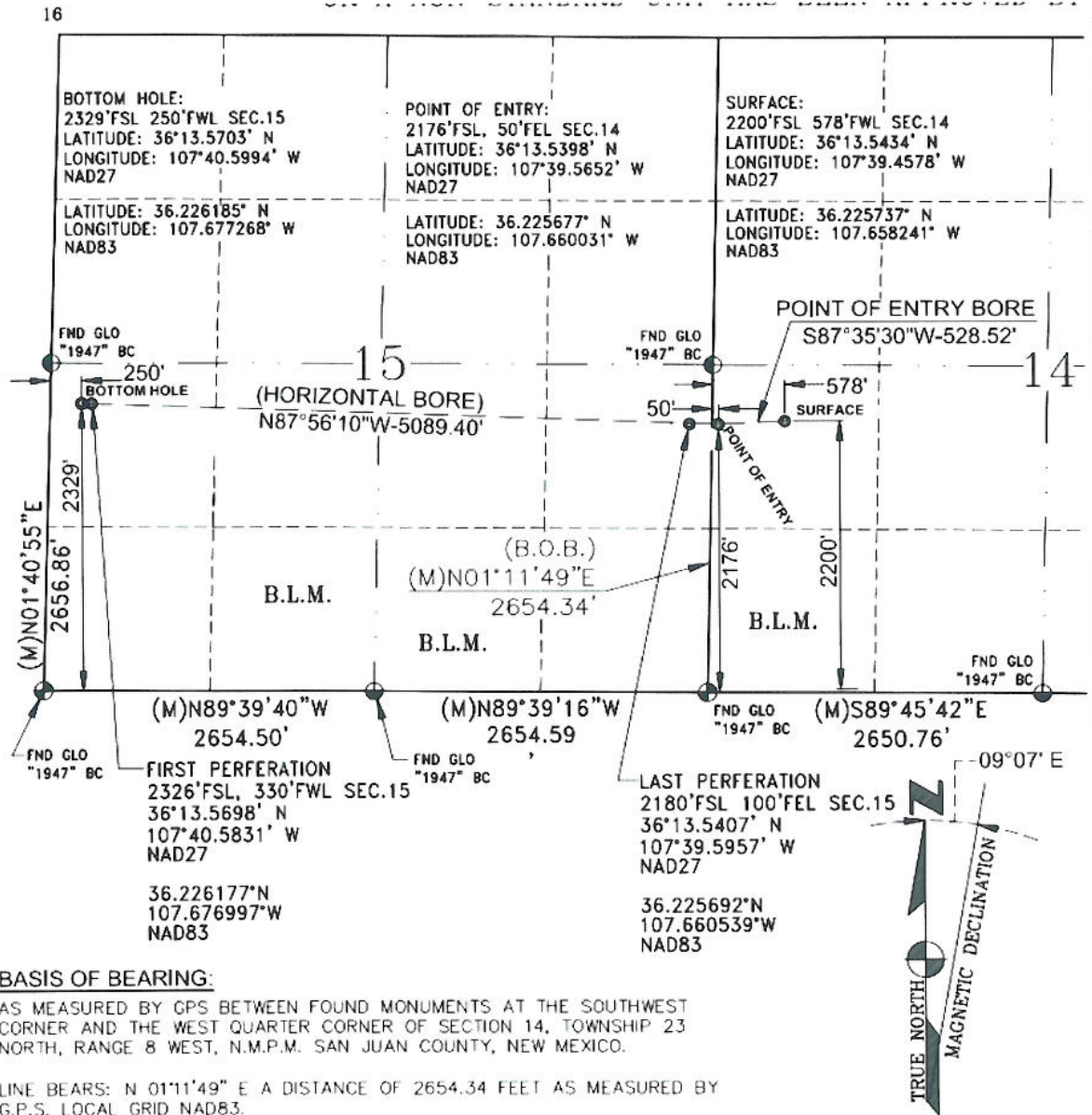
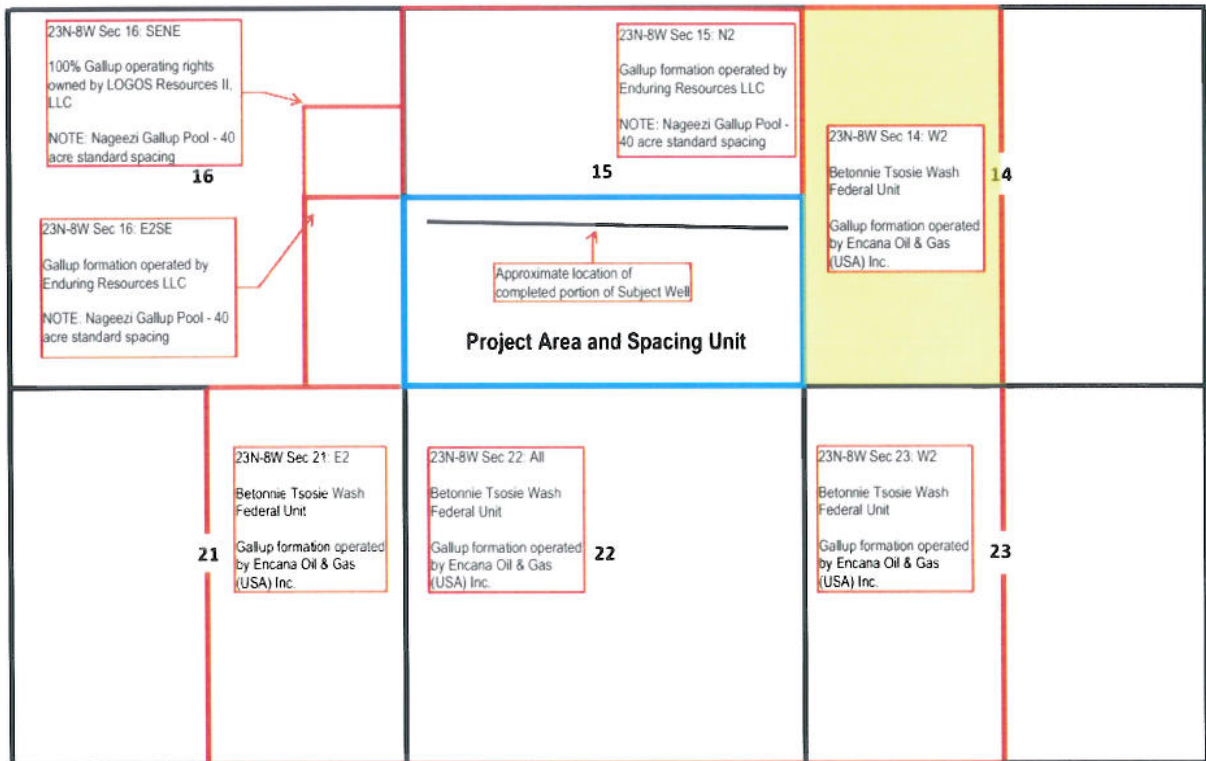


Exhibit "B"

Depiction of Project Area and Adjacent Spacing Units for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.





June 5, 2018

VIA ELECTRONIC MAIL (acampbell@enduringresources.com)

Enduring Resources, LLC
Attn: Land Department
1050 17th 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.

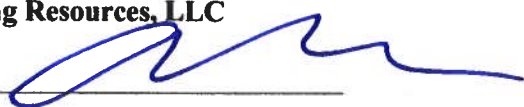
Accordingly, LOGOS respectfully requests that Enduring Resources, LLC waive requirement for hearing prior to approval of a non-standard location for the Subject Well with a permitted completed interval path depicted in Exhibit “A”. If agreeable to Enduring, please provide notice of such agreement by 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: 
Name: Alex B. Campbell
Title: Vice President
Date: 06/05/17

Depiction of Projected Completed Interval Path for Subject Well

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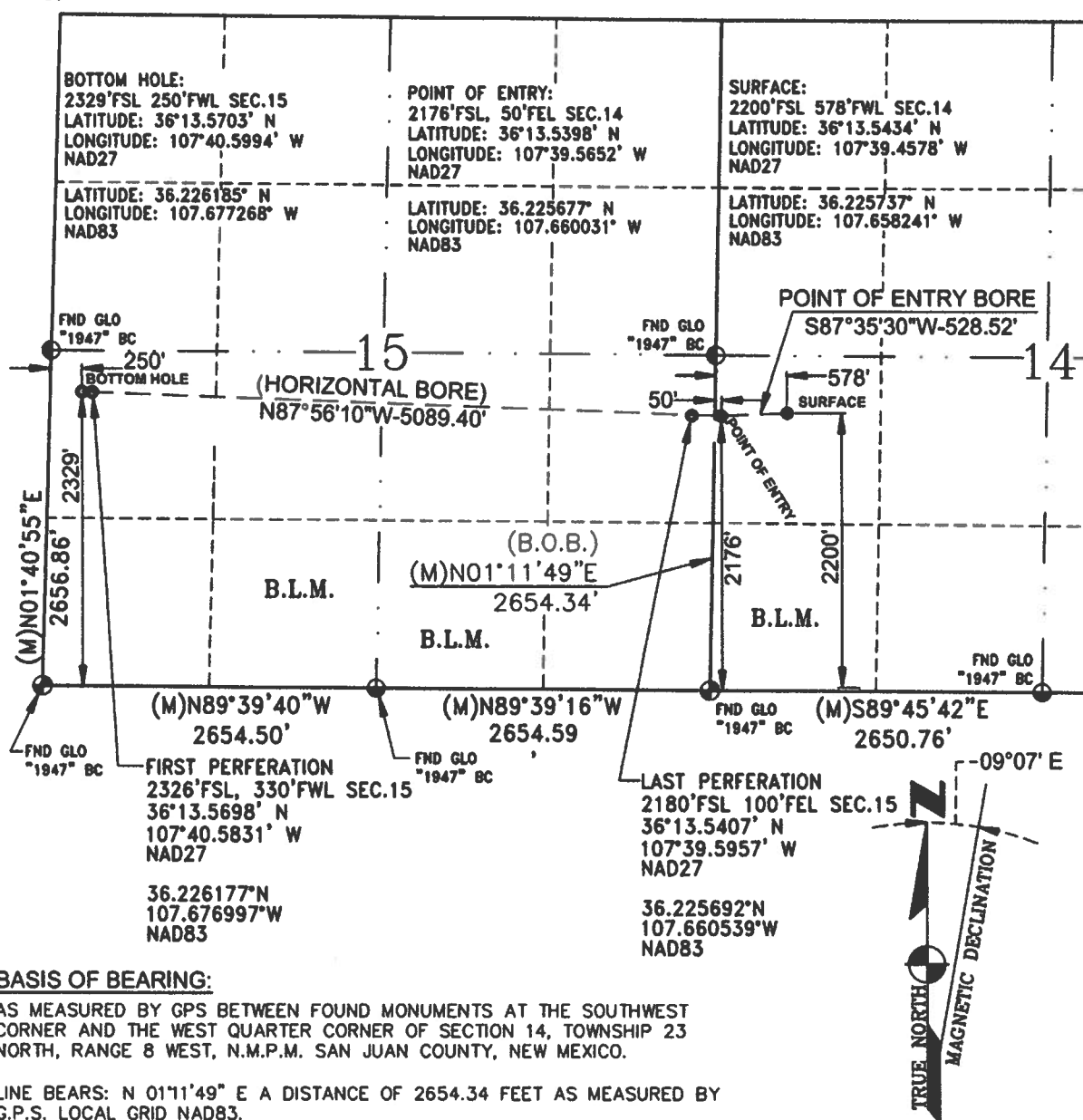
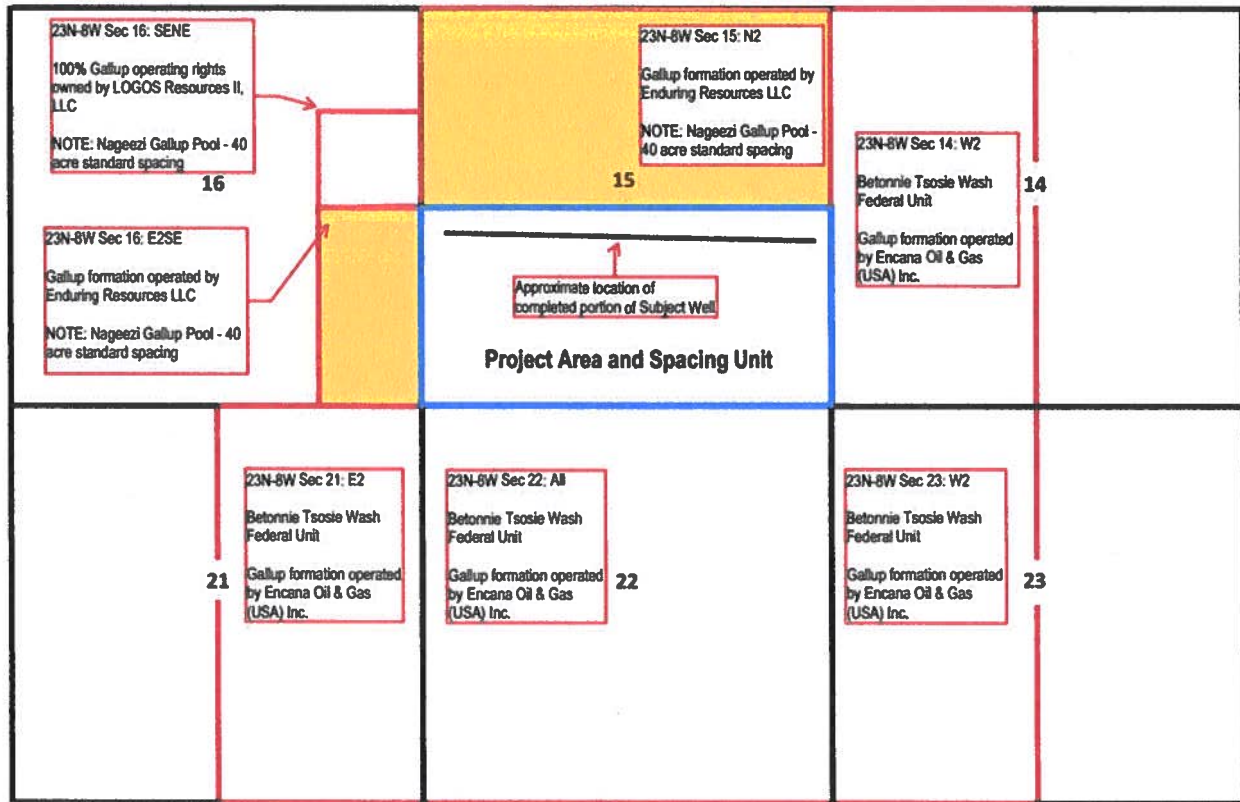


Exhibit "B"

Depiction of Project Area and Adjacent Spacing Units for Subject Well

NOTE: All lands depicted below lie within Township 23 North, Range 8 West, NMPM, San Juan County, New Mexico.



From: [Lowe, Leonard, EMNRD](#)
To: ["Christopher Jeffus"](#)
Cc: [Perrin, Charlie, EMNRD](#); [Verersch, 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:
<http://ocdimage.emnrd.state.nm.us/Imaging/Default.aspx>

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: <http://www.emnrd.state.nm.us/ocd/>