

RECEIVED: 01/10/2018	REVIEWER: LRL	TYPE: NSL	APP NO: pLEL1801137338
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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 #1H **API:** 30-045-35632
Pool: Basin Mancos Gas Pool **Pool Code:** 97232

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

NSL - _____

- 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 holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 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

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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

January 10, 2018

Date

505-324-4141

Phone Number

cjeffus@logosresourcesllc.com

e-mail Address



January 10, 2018

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

New Mexico Oil Conservation Division
Attn: Mr. David Catanach, Director
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Re: Application for Non-Standard Location for drilling of the Athena 2308 14L #1H (API 30-045-35632), 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 Mr. Catanach,

LOGOS Operating, LLC (“LOGOS”), hereby requests administrative approval of an unorthodox location for the Athena 2308 14L #1H (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 outer boundaries 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 along with the two (2) 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 70120470000212081056 and 70120470000212081063, both sent January 10, 2018, WPX Energy Production, LLC, and Encana Oil & Gas (USA) Inc., respectively,

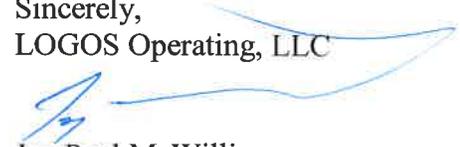
LOGOS Operating, LLC

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

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 WPX Energy Production, LLC, and Encana Oil & Gas (USA) Inc. are attached as Exhibits C-1 and C-2 to this Application.

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



Jay Paul McWilliams
CEO

Exhibit A

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

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 30-045-35632		² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 316583	⁵ Property Name ATHENA 2308 14L		⁶ Well Number 1H
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		2171	SOUTH	571	WEST	SAN JUAN

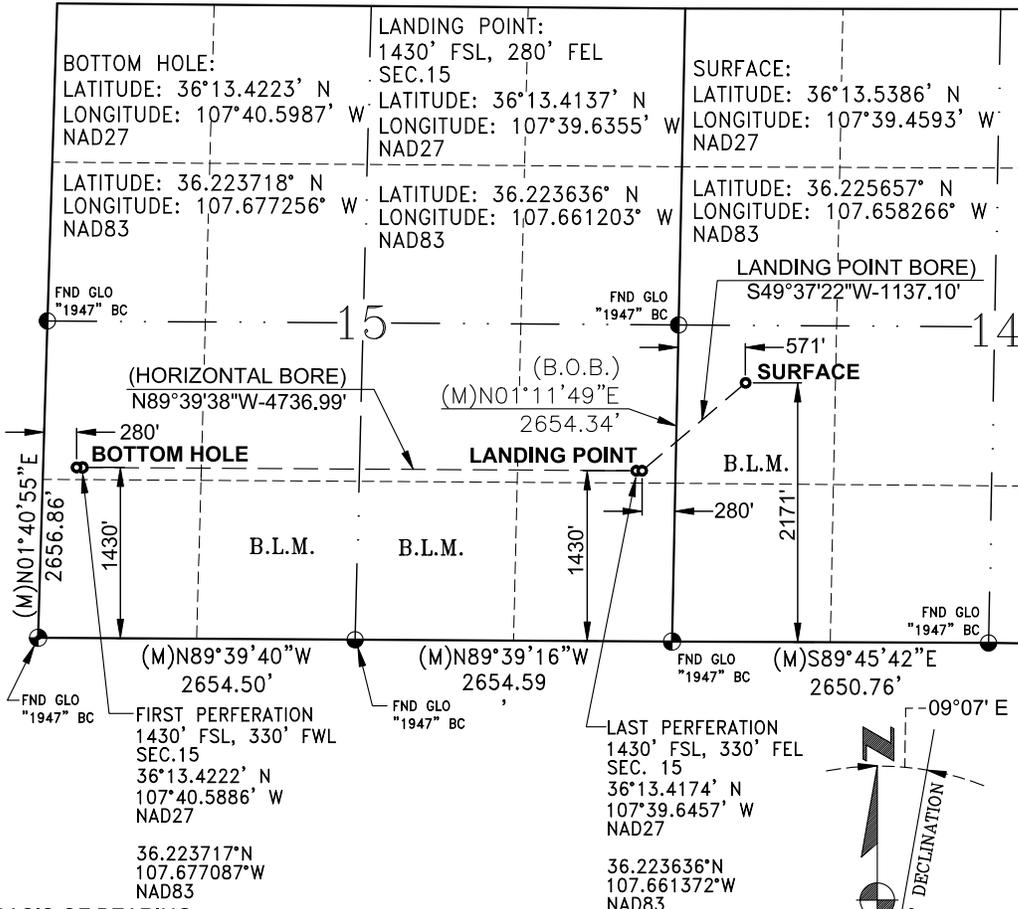
¹¹ Bottom Hole Location If Different From Surface

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		1430	SOUTH	280	WEST	SAN JUAN

¹² Dedicated Acres 320.00 ACRES = S/2 SEC. 15	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



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\"/>

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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

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.

JANUARY 10, 2018

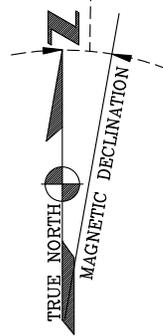
Date of Survey _____

Signature and Seal of Professional Surveyor _____



GLEN W. RUSSELL

Certificate Number **15703**



Township 23 North, Range 8 West

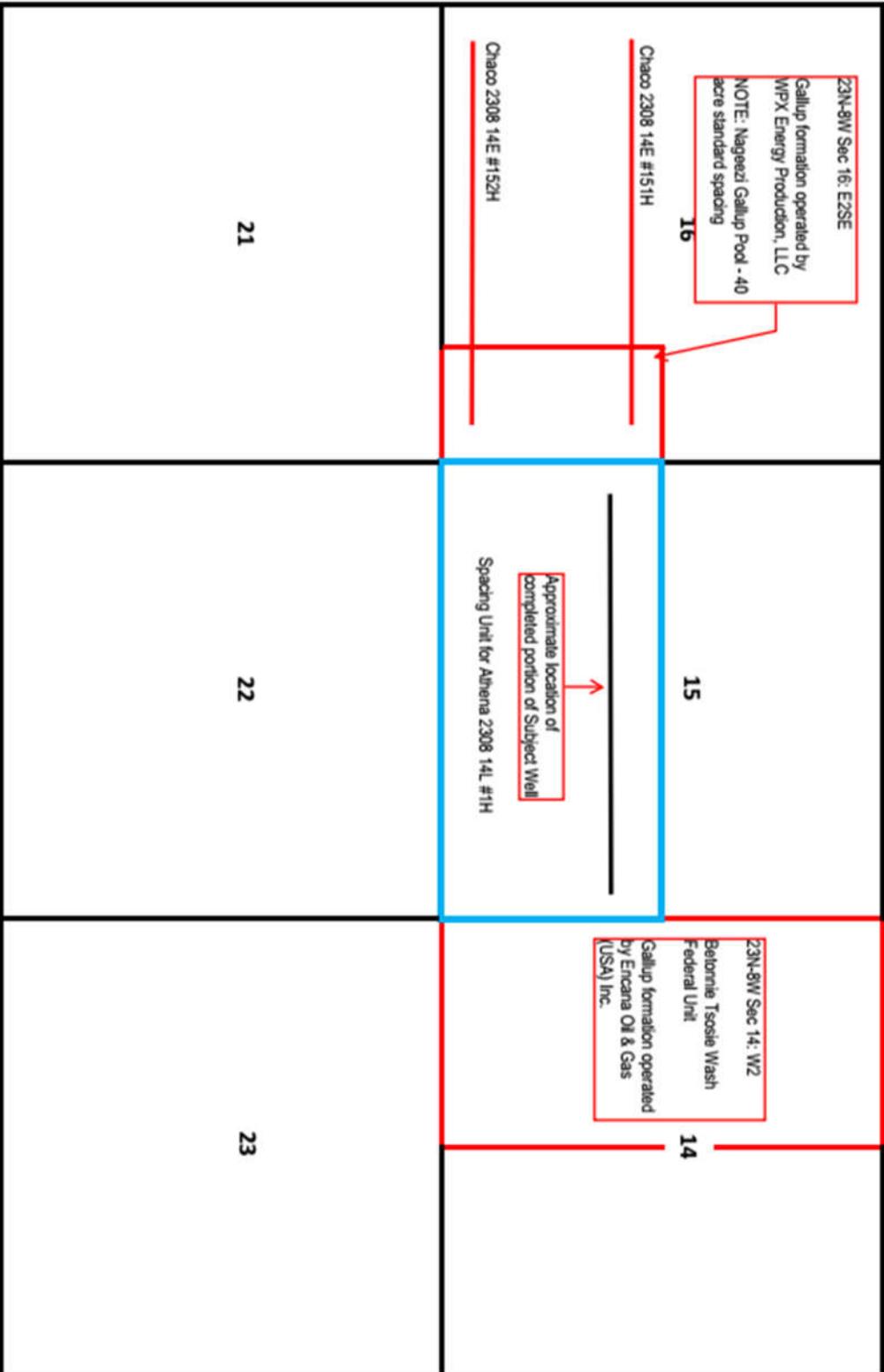


Exhibit "B"



January 10, 2018

VIA CERTIFIED MAIL (70120470000212081056)

WPX Energy Production, LLC
Attn: San Juan Land
3500 One Williams Center
Tulsa, Oklahoma 74172

Re: Notice of Application for Non-Standard Location for drilling of Athena 2308 14L #1H (API 30-045-35632), 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.

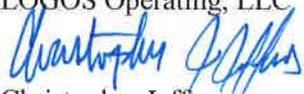
To Whom It May Concern:

LOGOS Operating, LLC, as operator for LOGOS Resources II, LLC (“LOGOS”), intends to drill the Athena 2308 14L #1H (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 east and west lines 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. No adjacent spacing units to the north of the Spacing Unit will be subject to encroachment under the NMOCD rules governing the Basin Mancos Gas Pool.

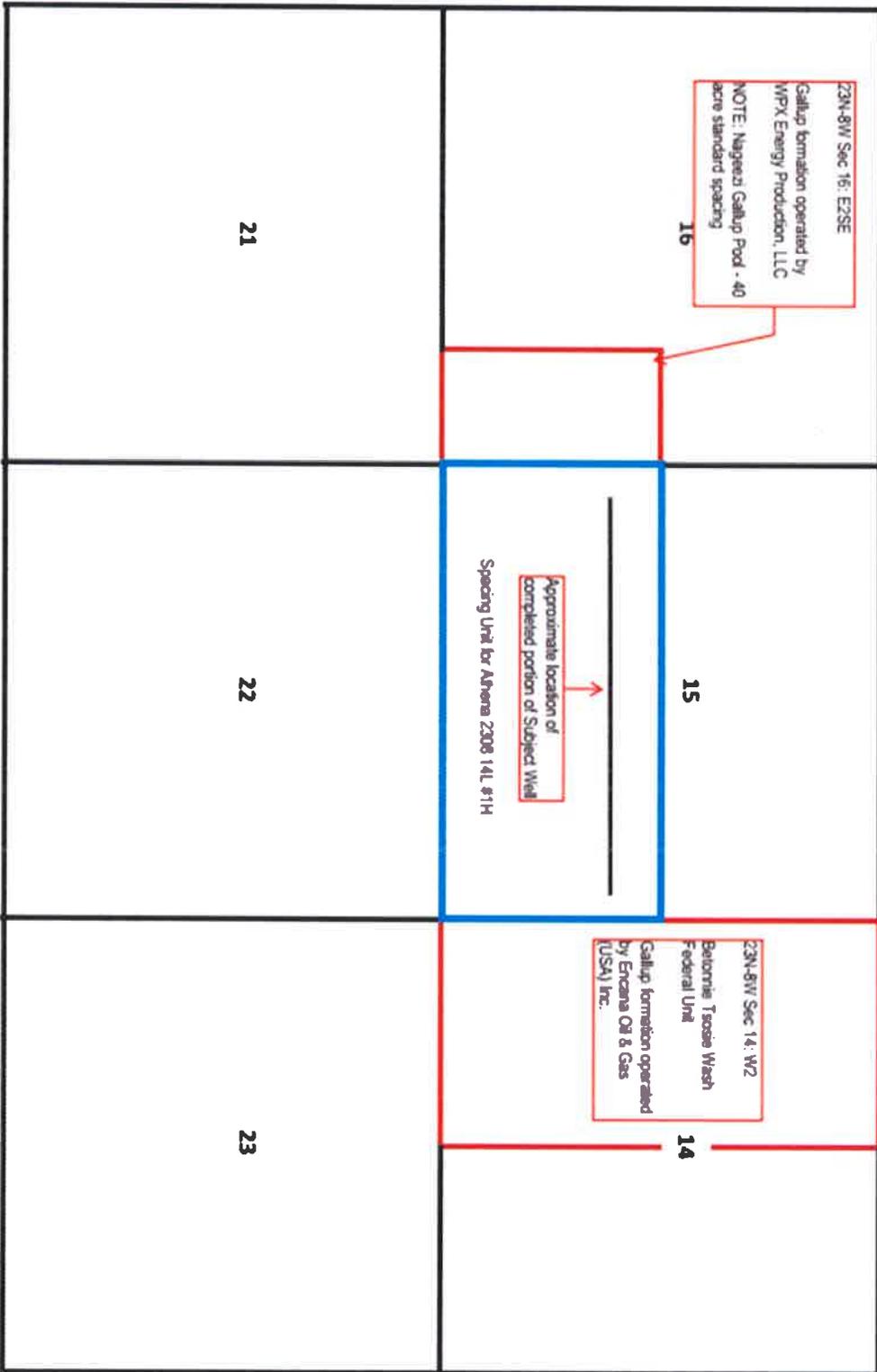
Based upon our research, LOGOS has determined that you are the designated operator of the Gallup formation underlying the E2SE of Section 14, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico. Enclosed herewith, please find a copy of an offset ownership plat required by 19.15.15.13.C NMAC.

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

Township 23 North, Range 8 West





January 10, 2018

VIA CERTIFIED MAIL (70120470000212081063)

Encana Oil & Gas (USA) Inc.
Attn: San Juan Land
370 17th Street, Suite 1700
Denver, Colorado 80218

Re: Notice of Application for Non-Standard Location for drilling of Athena 2308 14L #1H (API 30-045-35632), 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.

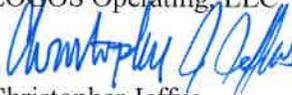
To Whom It May Concern:

LOGOS Operating, LLC, as operator for LOGOS Resources II, LLC (“LOGOS”), intends to drill the Athena 2308 14L #1H (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 east and west lines 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. No adjacent spacing units to the north of the Spacing Unit will be subject to encroachment under the NMOCD rules governing the Basin Mancos Gas Pool.

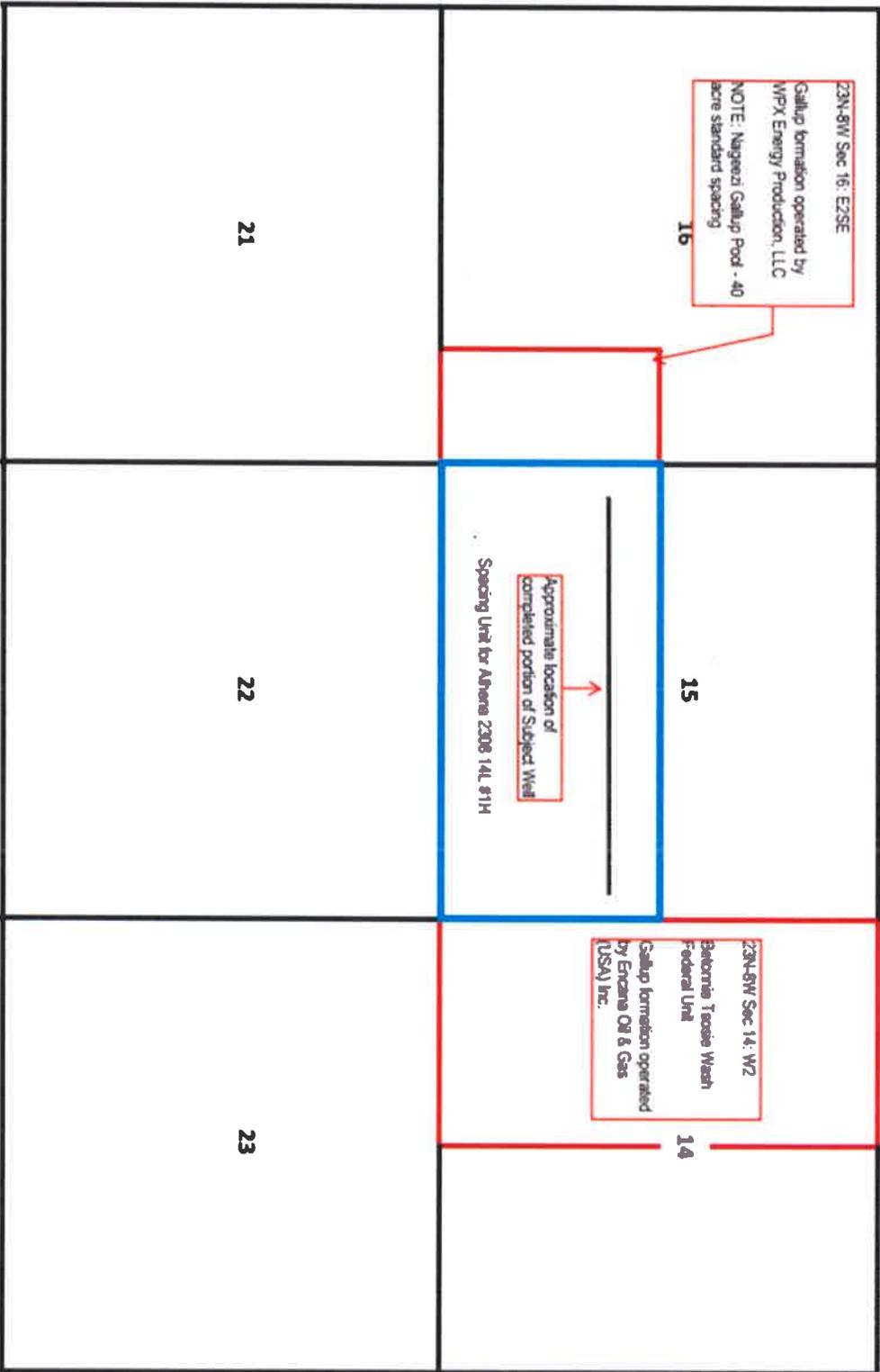
Based upon our research, LOGOS has determined that you are the designated operator of the Gallup formation underlying the W2 of Section 14, the E2 of Section 21, all of Section 22 and the W2 of Section 23, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico, in addition to other land included in the Bettonnie Tsosie Was Federal Unit. Enclosed herewith, please find a copy of an offset ownership plat required by 19.15.15.13.C NMAC.

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

Township 23 North, Range 8 West



From: Christopher Jeffus
To: [Lowe, Leonard, EMNRD](#)
Cc: [Tamra Sessions](#)
Subject: Non-Standard Location Applications - Athena 2308 14L 1H and Athena 2308 14L 2H
Date: Wednesday, January 10, 2018 4:02:35 PM
Attachments: [NSL Application - Athena 2308 14L 1H.pdf](#)
[NSL Application - Athena 2308 14L 2H.pdf](#)

Leonard,

Attached, please find Applications for Non-Standard Locations for the following wells:

- Athena 2308 14L #1H – API 30-045-35632 (formerly Chaco 2308 15 1H)
- Athena 2308 14L #2H – API 30-045-35633 (formerly Chaco 2308 15 2H)

I have not mailed originals of these applications to your attention as I recall that you requested emailed versions for a past project. If you would like originals, please let me know and I will have same immediately overnighted to you.

Notice of the attached applications have been sent by Certified Mail, return receipt requested, to the operators of encroached-upon spacing units, and copies of those notices are included in the attached documents. If any further information is necessary to begin the 20 day clock, please contact me at 505-324-4141 or cjeffus@logosresourcesllc.com. 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: [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-7629 & NSL-7630_Logos Operating, LLC._Athena 2308 14L Well No. (1H & 2H)_SEC 14 23N 8W
Date: Wednesday, February 14, 2018 1:15:00 PM
Importance: High

Mr. Christopher Jeffus

The following Administrative Orders have been issued, for:

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

NSL-7629

WELL: Athena 2308 14L Well No. 1H

API NO: 30-045-35632

NSL-7630

WELL: Athena 2308 14L Well No. 2H

API NO: 30-045-35633

These Orders 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/>