

ABOVE THIS LINE FOR DIVISION USE ONLY

21 days
complete admin
5/12/17

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



NSL- _____

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]

LOGOS OPERATING LLC
(#-289408)

WELL ESCRITO DIA-2407 com
NO. 7H

- [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 _____

RECORDED
2017 APR 20 P 12:58

POOL: ESCRITO GALLOP
(22619)

API 30-039- _____

- [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 - **Applicant's Note: Waivers from Cross Timbers Energy LLC, DJR Energy LP, and Encana Oil & Gas (USA) Inc.**

Applicant's Note:
 Unorthodox location necessitated due to topographic issues in spacing unit. Waiver from or notice to offset Mancos operators or Mancos working interest owners if no operator appointed.

[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.

Jay Paul McWilliams _____ 4/18/17
 Print or Type Name Signature Title Date
 jmcwilliams@logosresourcesllc.com
 e-mail Address

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II
611 E. First St., Artesia, N.M. 88210
Phone: (575) 746-1839 Fax: (575) 746-0720

DISTRICT III
1000 E. Evans Rd., Aztec, N.M. 87410
Phone: (505) 834-6178 Fax: (505) 834-6170

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

*API Number 30-039-31231		*Pool Code 22619	*Pool Name ESCRITO GALLUP (ASSOCIATED)
*Property Code	*Property Name ESCRITO D14-2407 COM		*Well Number 01H
*OGRID No. 289408	*Operator Name LOGOS OPERATING, LLC		*Elevation 7034

¹⁰ Surface Location

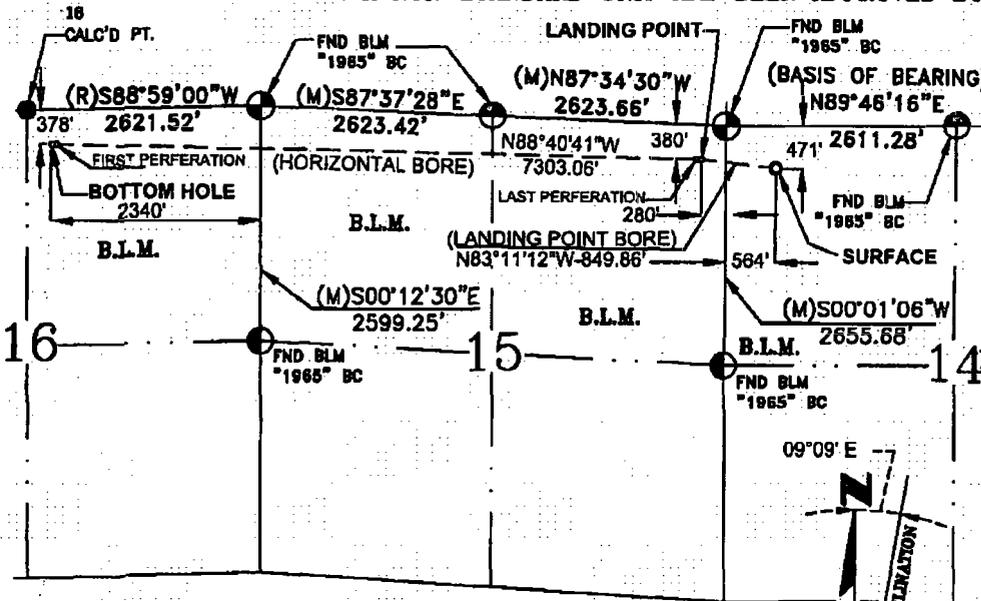
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	24-N	7-W		471	NORTH	564	WEST	RIO ARRIBA

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
B	18	24-N	7-W		378	NORTH	2340	EAST	RIO ARRIBA

*Dedicated Acres 480 ACRES= N/2 SEC 15 & NE/4 SEC 16	*Joint or Infill	*Consolidation Code	*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



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.

Tamra Sessions 5-2-17
Signature _____ Date _____
Printed Name
tsessions@logosresourcesllc.com
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.

MAY 2, 2017
Date of Survey
Signature and Seal of Professional Surveyor
GLEN W. RUSSELL
LICENSED PROFESSIONAL SURVEYOR
15703
GLEN W. RUSSELL
Certificate Number 15703

BOTTOM HOLE
LATITUDE: 36°19.1768' N
LONGITUDE: 107°34.7554' W
NAD27

LANDING POINT
LATITUDE: 36°19.1490' N
LONGITUDE: 107°33.2891' W
NAD27

LATITUDE: 36.319626° N
LONGITUDE: 107.579865° W
NAD83

LATITUDE: 36.319161° N
LONGITUDE: 107.555091° W
NAD83

BASIS OF BEARING:
BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 14, TOWNSHIP 24 NORTH, RANGE 7 WEST, N.M.P.M. RIO ARRIBA COUNTY, NEW MEXICO.
LINE BEARS: N 88°46'16" E A DISTANCE OF 2611.28 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.

SURFACE
LATITUDE: 36°19.1323' N
LONGITUDE: 107°33.0973' W
NAD27

LATITUDE: 36.318884° N
LONGITUDE: 107.552228° W
NAD83



April 18, 2017

VIA CERTIFIED MAIL AND 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 Escrito D14 2407 #1H, to be drilled as a horizontal wellbore in the Escrito Gallup Associated Pool (Pool ID 22619) with a spacing unit comprised of the N/2 of Section 15 and the NE/4 of Section 16, Township 24 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico.

Dear Mr. Catanach,

LOGOS Operating, LLC (“LOGOS”), hereby requests administrative approval of an unorthodox location for the Escrito D14 2407 #1H (the “Subject Well”) pursuant to New Mexico Oil Conservation Division (“NMOCD”) Rules pertaining to the Escrito Gallup Associated Pool. LOGOS intends to drill the Subject Well as a horizontal well with a dedicated spacing unit comprised of the N/2 of Section 15 and the NE/4 of Section 16, Township 24 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico (the “Spacing Unit”).

Under Rule 2(b) of NMOCD Order No. R-5353, a setback of 790’ from any quarter section line is required for a standard location. The Spacing Unit will be a standard spacing unit for development via a horizontal well, and will be consolidated as a Communitized Area approved by both the Bureau of Land Management (“BLM”) and the New Mexico State Land Office prior to the commencement of drilling activities for the Subject Well. The initial and final perforations for the Subject Well will be permitted a minimum of 330’ from the East and West lines of the Communitized Area, and all perforations will be permitted 380’ from the North line of the Communitized Area. A plat depicting all offsetting, encroached-upon spacing units along with the only active Mancos or Gallup completion in any offsetting spacing unit is enclosed with this Application.

The surface location to be used for accessing the 480 acre Spacing Unit has resulted from cooperation with the surface management agencies of the BLM, in part due to the challenging topography of the area and to mitigate environmental concerns. A plat of the topography surrounding the surface location is enclosed with this Application as Exhibit “B”. The spacing proposed is deemed necessary to efficiently develop the Spacing Unit under generally accepted industry standards for Mancos or Gallup development utilizing the limited surface access which can be made in the surrounding area. Accordingly, LOGOS requests approval of the unorthodox location without hearing, as allowable under Rule 2(c) of Order No. R-5353.

The NMOCD’s Administrative Application Checklist is enclosed at the beginning of this package. Further, enclosed with this Application are waivers of a requirement for hearing prior to approval of non-standard location from Cross Timbers Energy LLC, DJR Energy LP, and Encana Oil & Gas (USA) Inc. (the “Waiving Parties”). With the exception of LOGOS affiliated entities, the Waiving Parties represent the designated operator of the Gallup formation or, if no designated operator of the Gallup formation exists, the owners of operating rights in the Gallup formation in all encroached-upon spacing units with the

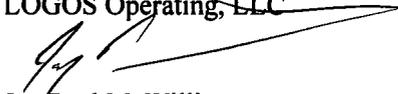
LOGOS Operating, LLC

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

exception of Huntington Energy, LLC. By certified mailing 70142120000282421066 sent April 18, 2017, Huntington Energy, LLC, was notified of this Application and was requested to submit any objection to the NMOCD within twenty (20) days of receipt of the letter. A copy of the notification sent to Huntington Energy, LLC, is enclosed with this Application.

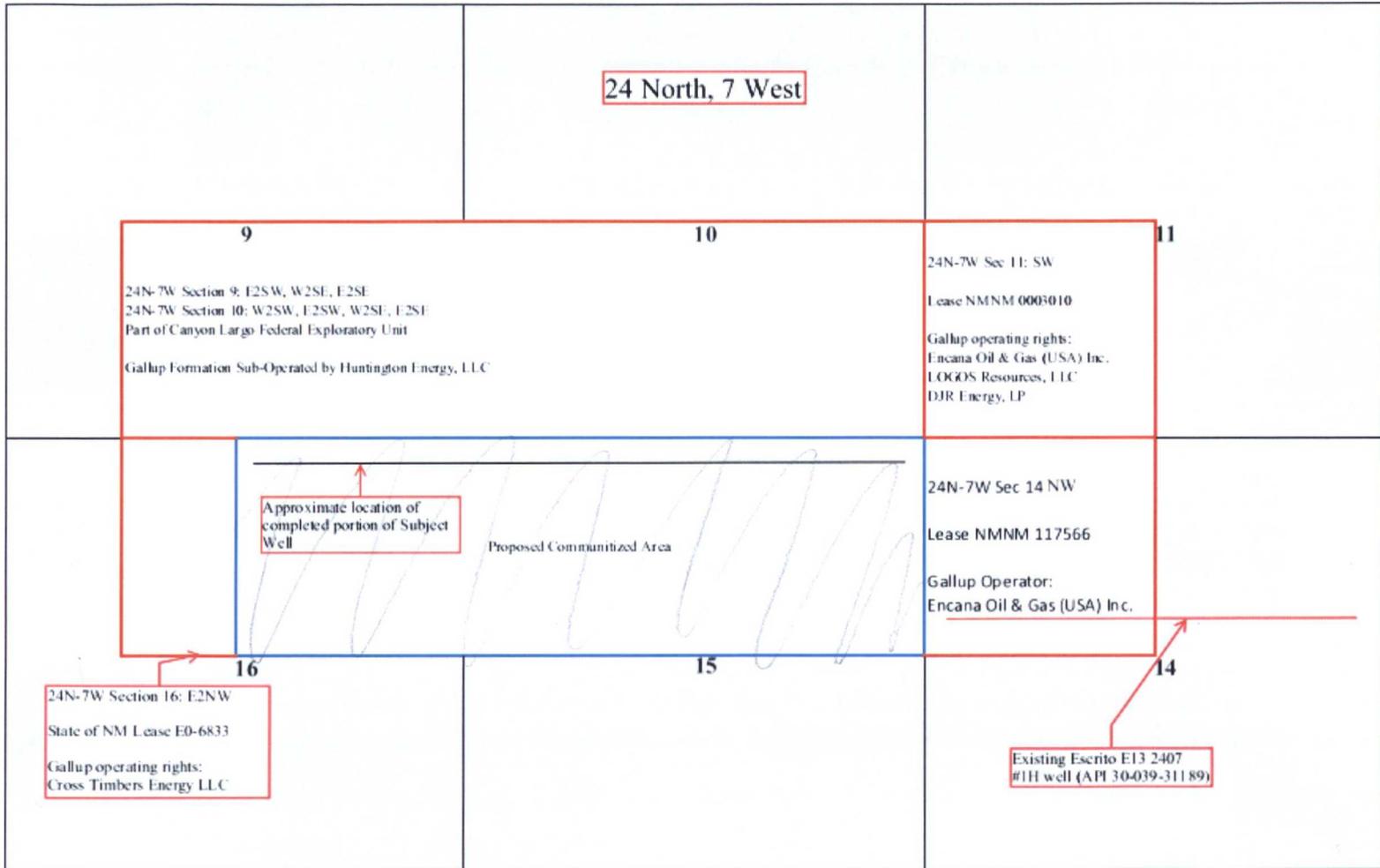
If any additional information is necessary, please do not hesitate to contact Christopher Jeffus at 505-324-4141 or cjeffus@logosresourcesllc.com. Thank you for your consideration.

Sincerely,
LOGOS Operating, LLC

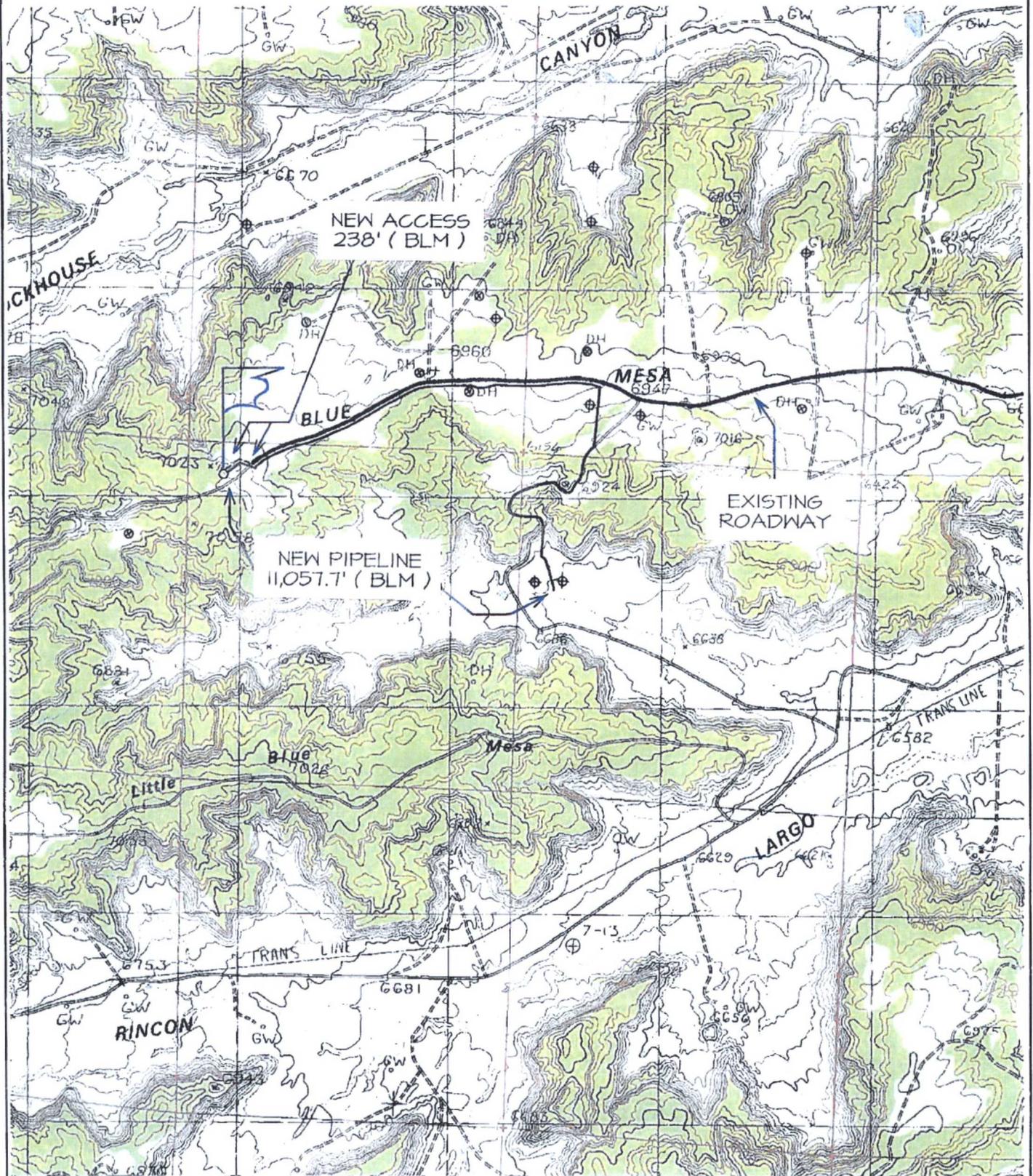


Jay Paul McWilliams
President

Exhibit "A"



ENCANA OIL & GAS (USA) INC. ESCRITO D14-2407 01H
471' FNL & 564' FWL, SECTION 14, T24N, R7W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO



TOPO NAMES : CROW MESA EAST,
LYBROOK, AND TAFOYA CANYON

⊕ PRODUCING WELL

⊗ PLUGGED & ABANDONED WELL



April 10, 2017

VIA EMAIL (jneeley@mspartners.com)

Cross Timbers Energy, LLC
400 West 7th Street
Fort Worth, TX 76102

Re: Request for waiver of hearing requirement for non-standard location of anticipated Escrito D14 2407 1H

Mr. Neeley,

The Escrito D14 2407 1H (API 30-039-31231) (the "Subject Well") has been permitted as a horizontal well to be drilled in the Escrito Gallup formation, with a spacing unit consisting of the N/2 of Section 15, Township 24 North, Range 7 West, NMPM. LOGOS Operating, LLC ("LOGOS"), has succeeded to Encana Oil & Gas (USA) Inc. as operator of the Subject Well. LOGOS Operating, LLC, intends to propose a Communitized Area consisting of the Gallup formation underlying the N/2 of Section 15 and the NE of Section 16, Township 24 North, Range 7 West (the "Drilling Block"). Further, LOGOS Operating, LLC, intends to amend the drilling plans for the Subject Well to cause (i) the lateral for same to be located 380' from the north line of the Drilling Block, (ii) the initial perforation in the wellbore to be a minimum of 330' from the east line of the Drilling Block and (iii) the final perforation in the wellbore to be a minimum of 330' from the west line of the Drilling Block (the "Proposed Setbacks"). The proposed location would be unorthodox under the New Mexico Oil Conservation Division ("NMOCD") rules governing the Escrito Gallup Associated Pool.

Based upon our research, LOGOS believes that your company is the owner of operating rights in the Gallup formation underlying the following offsetting standard spacing units:

Township 24 North, Range 7 West, NMPM
Section 16: E2NW

Attached as Exhibit "A", please find a copy of an offset ownership or operatorship plat, as required by 19.15.15.13.C NMAC.

LOGOS believes that, despite being an unorthodox location under the pool rules for the Escrito Gallup Associated Pool, the Proposed Setbacks conform with setbacks used in drilling horizontal Gallup wells in many other locations in the vicinity, allows efficient development of the area and may assist in "proving up" nearby acreage. Accordingly, LOGOS hereby requests waiver of the need for a hearing for a non-standard location utilizing the aforesaid setbacks.

If Cross Timbers Energy, LLC, is agreeable to a waiver of the need for an NMOCD hearing for approval of the aforesaid non-standard location, please evidence said waiver by signing below and returning a copy to me using the following contact information:

If by mail:
LOGOS Operating, LLC
Attn: Christopher Jeffus
2010 Afton Place
Farmington, NM 87401

If by email:
cjeffus@logosresourcesllc.com

We would greatly appreciate your prompt attention to this matter as we seek to drill the Subject Well in the near future. If any further information is needed by your company, please do not hesitate to contact me by phone at 505-324-4141 or by email at cjeffus@logosresourcesllc.com. Thank you.

Sincerely,
LOGOS Operating, LLC


Christopher J. Jeffus
Vice President - Land/Legal

Cross Timbers Energy, LLC, hereby waives requirement for an NMOCD hearing for approval of a non-standard location for the Subject Well using the Proposed Setbacks.

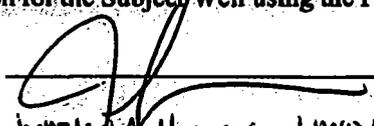
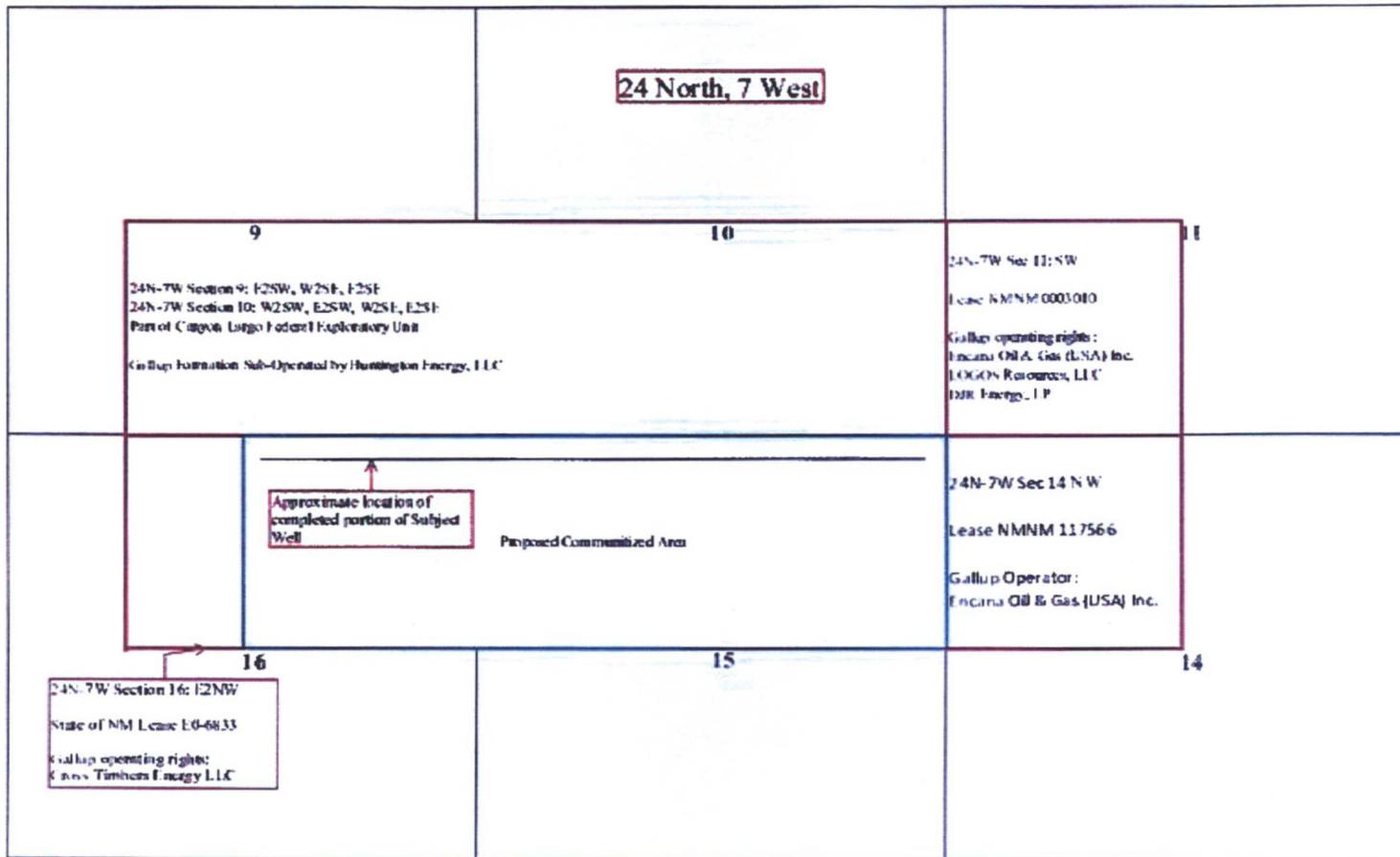
By: 
Printed Name: JOANNA A. HOLMES - LAND MANAGER
Title: _____
Date: 4/11/2017

Exhibit "A"





April 10, 2017

VIA EMAIL (llehman@djrlc.com)

DJR Energy, LP
1600 Broadway Suite 1960
Denver, CO 80202

Re: Request for waiver of hearing requirement for non-standard location of anticipated Escrito D14 2407 1H

Ms. Lehman,

The Escrito D14 2407 1H (API 30-039-31231) (the "Subject Well") has been permitted as a horizontal well to be drilled in the Escrito Gallup formation, with a spacing unit consisting of the N/2 of Section 15, Township 24 North, Range 7 West, NMPM. LOGOS Operating, LLC ("LOGOS"), has succeeded to Encana Oil & Gas (USA) Inc. as operator of the Subject Well. LOGOS Operating, LLC, intends to propose a Communitized Area consisting of the Gallup formation underlying the N/2 of Section 15 and the NE of Section 16, Township 24 North, Range 7 West (the "Drilling Block"). Further, LOGOS Operating, LLC, intends to amend the drilling plans for the Subject Well to cause (i) the lateral for same to be located 380' from the north line of the Drilling Block, (ii) the initial perforation in the wellbore to be a minimum of 330' from the east line of the Drilling Block and (iii) the final perforation in the wellbore to be a minimum of 330' from the west line of the Drilling Block (the "Proposed Setbacks"). The proposed location would be unorthodox under the New Mexico Oil Conservation Division ("NMOCD") rules governing the Escrito Gallup Associated Pool.

Based upon our research, LOGOS believes that your company is an owner of operating rights in the Gallup formation underlying the following offsetting standard spacing unit:

Township 24 North, Range 7 West, NMPM

Section 11: SW

NOTE: 160 acre spacing utilized under rules for Devil's Fork Gallup Associated Pool.

Attached as Exhibit "A", please find a copy of an offset ownership or operatorship plat, as required by 19.15.15.13.C NMAC.

LOGOS believes that, despite being an unorthodox location under the pool rules for the Escrito Gallup Associated Pool, the Proposed Setbacks conform with setbacks used in drilling horizontal Gallup wells in many other locations in the vicinity, allows efficient development of the area and may assist in "proving up" nearby acreage. Accordingly, LOGOS hereby requests waiver of the need for a hearing for a non-standard location utilizing the aforesaid setbacks.

LOGOS Operating, LLC

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

If DJR Energy, LP, is agreeable to a waiver of the need for an NMOCD hearing for approval of the aforesaid non-standard location, please evidence said waiver by signing below and returning a copy to me using the following contact information:

If by mail:

LOGOS Operating, LLC
Attn: Christopher Jeffus
2010 Afton Place
Farmington, NM 87401

If by email:

cjeffus@logosresourcesllc.com

We would greatly appreciate your prompt attention to this matter as we seek to drill the Subject Well in the near future. If any further information is needed by your company, please do not hesitate to contact me by phone at 505-324-4141 or by email at cjeffus@logosresourcesllc.com. Thank you.

Sincerely,

LOGOS Operating, LLC



Christopher J. Jeffus

Vice President – Land/Legal

DJR Energy, LP, hereby waives requirement for an NMOCD hearing for approval of a non-standard location for the Subject Well using the Proposed Setbacks.

By:

Printed Name: DAVID H. LEHMAN

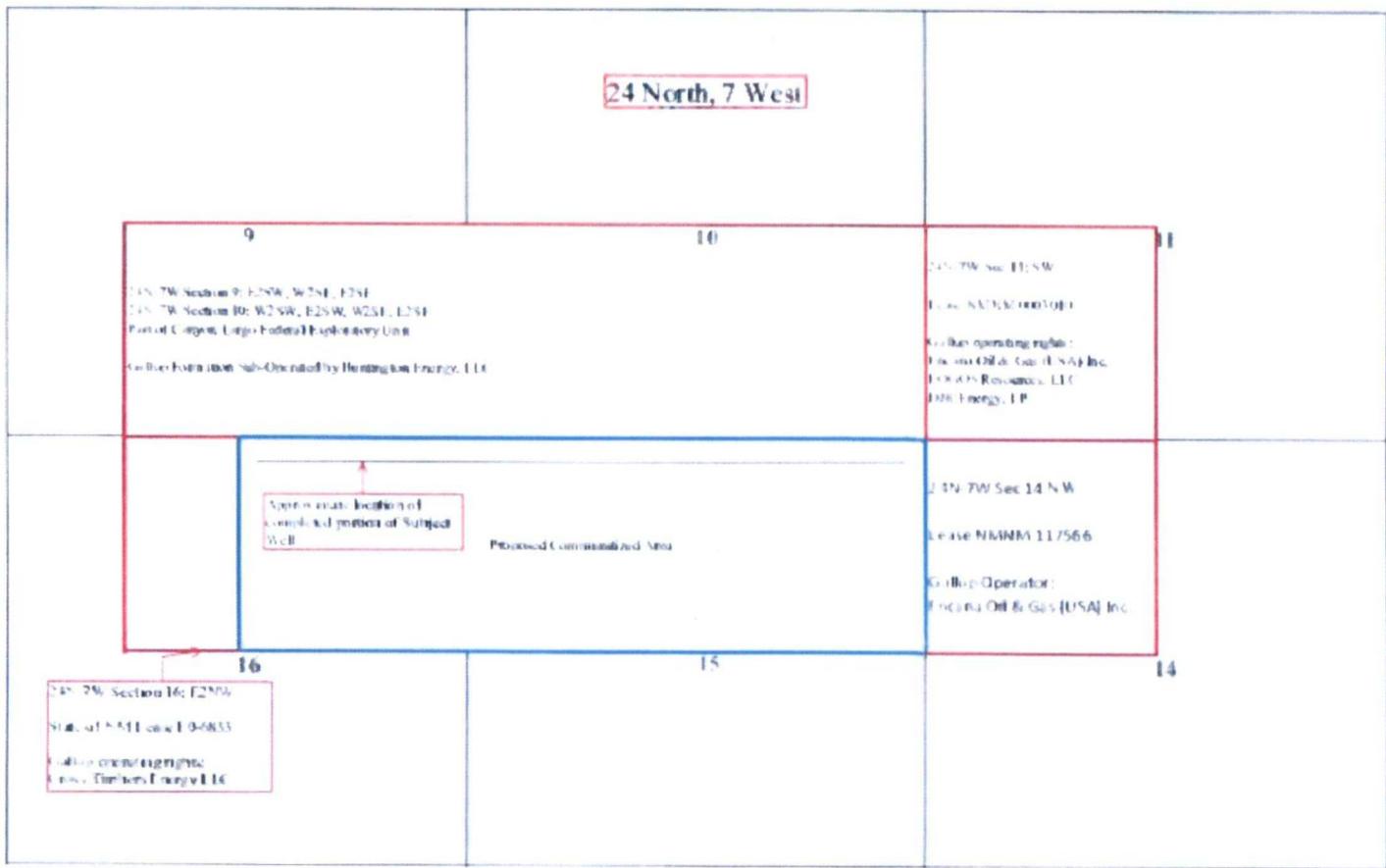
Title:

Date:

Authorized Person

7/12/2017

Exhibit "A"





April 10, 2017

VIA EMAIL (mona.binlon@encana.com)

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

Re: Request for waiver of hearing requirement for non-standard location of anticipated Escrito D14 2407 1H

Ms. Binion.

The Escrito D14 2407 1H (API 30-039-31231) (the "Subject Well") has been permitted as a horizontal well to be drilled in the Escrito Gallup formation, with a spacing unit consisting of the N/2 of Section 15, Township 24 North, Range 7 West, NMPM. LOGOS Operating, LLC ("LOGOS"), has succeeded to Encana Oil & Gas (USA) Inc. as operator of the Subject Well. LOGOS Operating, LLC, intends to propose a Communitized Area consisting of the Gallup formation underlying the N/2 of Section 15 and the NE of Section 16, Township 24 North, Range 7 West (the "Drilling Block"). Further, LOGOS Operating, LLC, intends to amend the drilling plans for the Subject Well to cause (i) the lateral for same to be located 380' from the north line of the Drilling Block, (ii) the initial perforation in the wellbore to be a minimum of 330' from the east line of the Drilling Block and (iii) the final perforation in the wellbore to be a minimum of 330' from the west line of the Drilling Block (the "Proposed Setbacks"). The proposed location would be unorthodox under the New Mexico Oil Conservation Division ("NMOCDD") rules governing the Escrito Gallup Associated Pool.

Based upon our research, LOGOS believes that your company is an owner of operating rights in the Gallup formation underlying the following offsetting standard spacing unit:

Township 24 North, Range 7 West, NMPM

Section 11: SW

NOTE: 160 acre spacing utilized under rules for Devil's Fork Gallup Associated Pool.

Additionally, based upon our research, LOGOS believes that your company is the operator of the Gallup formation underlying the following offsetting standard spacing unit:

Township 24 North, Range 7 West, NMPM

Section 14: NW

NOTE: 160 acre spacing utilized under rules for Devil's Fork Gallup Associated Pool.

Attached as Exhibit "A", please find a copy of an offset ownership or operatorship plat, as required by 19.15.15.13.C NMAC.

LOGOS believes that, despite being an unorthodox location under the pool rules for the Escrito Gallup Associated Pool, the Proposed Setbacks conform with setbacks used in drilling horizontal Gallup wells in many other locations in the vicinity, allows efficient development of the area and may assist in "proving up" nearby acreage. Accordingly, LOGOS hereby requests waiver of the need for a hearing for a non-standard location utilizing the aforesaid setbacks.

LOGOS Operating, LLC

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

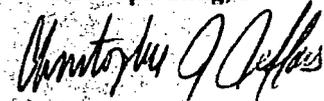
If Encana Oil & Gas (USA) Inc. is agreeable to a waiver of the need for an NMOCD hearing for approval of the aforesaid non-standard location, please evidence said waiver by signing below and returning a copy to me using the following contact information:

If by mail:
LOGOS Operating, LLC
Attn: Christopher Jeffus
2010 Afton Place
Farmington, NM 87401

If by email:
cjeffus@logosresourcesllc.com

We would greatly appreciate your prompt attention to this matter as we seek to drill the Subject Well in the near future. If any further information is needed by your company, please do not hesitate to contact me by phone at 505-324-4141 or by email at cjeffus@logosresourcesllc.com. Thank you.

Sincerely,
LOGOS Operating, LLC



Christopher J. Jeffus
Vice President - Land/Legal

Encana Oil & Gas (USA) Inc. hereby waives requirement for an NMOCD hearing for approval of a non-standard location for the Subject Well using the Proposed Setbacks.

By: Monna Binion mlb
Printed Name: MONA Binion
Title: Land Negotiator
Date: 4/12/2011



April 18, 2017

VIA CERTIFIED MAIL
7014 2120 0002 8242 1066

Huntington Energy, LLC
908 NW 71st St.
Oklahoma City, OK 73116

Re: Notice of Application for Non-Standard Location for drilling of Escrito D14 2407 #1H, to be drilled as a horizontal wellbore in the Escrito Gallup Associated Pool (Pool ID 22619) with a spacing unit comprised of the N/2 of Section 15 and the NE/4 of Section 16, Township 24 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico.

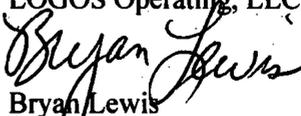
To Whom It May Concern:

LOGOS Operating, LLC, as operator for LOGOS Resources II, LLC ("LOGOS"), intends to drill the Escrito D14 2407 #1H ("Subject Well") as a horizontal well with a dedicated spacing unit comprised of the Escrito Gallup formation underlying the N/2 of Section 15 and the NE/4 of Section 16, Township 24 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico (the "Spacing Unit"). Due to topographical and environmental considerations and to efficiently develop the Spacing Unit under industry standards used for horizontal Mancos development in the vicinity, LOGOS intends to drill the Subject Well with completions permitted at least 380' from the north line of the Spacing Unit and 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 Escrito Gallup Associated Pool.

Based upon our research, LOGOS believes that you are the designated operator of the Gallup formation underlying the E2SW and SE/4 of Section 9 and the S/2 of Section 10, Township 24 North, Range 7 West, N.M.P.M. 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 to the proposed unorthodox location you may have 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

Bryan Lewis
Consulting Landman

24 North, 7 West

9

10

11

24N-7W Section 9: E2SW, W2SE, E2SE
24N-7W Section 10: W2SW, E2SW, W2SE, E2SE
Part of Canyon Largo Federal Exploratory Unit
Gallup Formation Sub-Operated by Huntington Energy, LLC

24N-7W Sec 11: SW
Lease NMNM 0003010
Gallup operating rights:
Encana Oil & Gas (USA) Inc.
LOGOS Resources, LLC
DJR Energy, LP

Approximate location of
completed portion of Subject
Well

Proposed Communitized Area

24N-7W Sec 14 NW
Lease NMNM 117566
Gallup Operator:
Encana Oil & Gas (USA) Inc.

16

15

14

24N-7W Section 16: E2NW
State of NM Lease E0-6833
Gallup operating rights:
Cross Timbers Energy LLC

McMillan, Michael, EMNRD

From: Christopher Jeffus <cjeffus@logosresourcesllc.com>
Sent: Tuesday, May 16, 2017 3:07 PM
To: McMillan, Michael, EMNRD
Subject: RE: Escrito D14 2407 Com. Well No. 01H

The perforated interval will begin at least 330' FNL and 330' FEL of Section 15
The perforated interval will end at least 330' FNL and 330' FWL of the project area (WL of the project area is the center line of Section 16).

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



Confidentiality Notice: The information contained in this e-mail and any attachments to it may be legally privileged and include confidential information intended only for the recipient(s) identified above. If you are not one of those intended recipients, you are hereby notified that any dissemination, distribution or copying of this e-mail or its attachments is strictly prohibited. If you have received this e-mail in error, please notify the sender of that fact by return e-mail and permanently delete the e-mail and any attachments to it immediately. Please do not retain, copy or use this e-mail or its attachments for any purpose, nor disclose all or any part of its contents to any other person.

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Tuesday, May 16, 2017 3:01 PM
To: Christopher Jeffus <cjeffus@logosresourcesllc.com>
Subject: RE: Escrito D14 2407 Com. Well No. 01H

So the first perf will be 330 FNL and 33 FEL of Section 15
Final perf will be 330 FNL and 310 FEL
Mike

From: Christopher Jeffus [<mailto:cjeffus@logosresourcesllc.com>]
Sent: Tuesday, May 16, 2017 2:57 PM
To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: RE: Escrito D14 2407 Com. Well No. 01H

Mike,
Attached is the final plat for the Escrito D14 2407 Com 1H well. For the well, the following information will apply:

- First perforation (closest to toe of well): At least 330' FWL of Project Area and at least 330' FNL of Project Area

McMillan, Michael, EMNRD

From: Christopher Jeffus <cjeffus@logosresourcesllc.com>
Sent: Tuesday, May 16, 2017 2:57 PM
To: McMillan, Michael, EMNRD
Subject: RE: Escrito D14 2407 Com. Well No. 01H
Attachments: ESCRITO D14-2407 COM #01H C102 ONLY_05.02.17 signed.pdf

Mike,
Attached is the final plat for the Escrito D14 2407 Com 1H well. For the well, the following information will apply:

- First perforation (closest to toe of well): At least 330' FWL of Project Area and at least 330' FNL of Project Area
 - Intention to maintain at least 380' FNL
 - Note that terminus will be ~50' beyond first perforation, but that ~50' will not be part of the completed interval.
- Last perforation (closest to heel of well): At least 330' FEL of Project Area and at least 330' FNL of Project Area
 - Intention to maintain at least 380' FNL
 - Note that landing point will be ~50' before last perforation, but that ~50' will not be part of the completed interval
- All perforations in wellbore will be at least 330' FNL of Project Area
 - Intention to maintain at least 380' FNL

The original permit for this well utilized stand up 80 acre spacing units to form a 320 acre project area, so that format was extended to the 480 acre project area currently proposed. In the future, LOGOS intends to drill the Escrito D14 2407 Com 2H within the 480 acre project area as an infill well along the southern half of the project area.

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: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]
Sent: Tuesday, May 16, 2017 1:49 PM

To: Christopher Jeffus <cjeffus@logosresourcesllc.com>

Subject: Escrito D14 2407 Com. Well No. 01H

Chris:

I need the following information to complete the NSL application

The OCD needs to know the S/2 N/2 of Section 15 and S/2 NE/4 Section 15 will be developed. Logos could have asked for a 240-acre project area, which would have worked with 80-acre spacing units in the Escrito Gallup Pool'

Thanks

Mike

MICHAEL A. MCMILLAN

Engineering Bureau, Oil Conservation Division

1220 south St. Francis Dr., Santa Fe NM 87505

O: 505.476.3448

Michael.McMillan@state.nm.us