

NSP Initial Application

Received: 02/04/20

Revised March 23, 2017

RECEIVED: 02/04/20	REVIEWER: LRL	TYPE: NSP	APP NO: pLEL2004454277
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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: Zeus 2308 03 No. 4H **API:** 30-045-38179
Pool: Basin-Mancos **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 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

- ☐ 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.

J. Scott Hall, Senior Attorney

Print or Type Name

February 13, 2020

Date

(505) 303-7236

Phone Number

shall@logosresourcesllc.com

e-mail Address

Signature

J. S. Hall



J. Scott Hall
Senior Attorney
LOGOS Resources II, LLC
317 Paseo de Peralta
P. O. Box 1946
Santa Fe, NM 87504
Office: 505.303.7236
Mobile: 505.670.7362
shall@logosresourcesllc.com

February 4, 2020

Adrienne Sandoval, Director
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Via Email: Leonard.Lowe@state.nm.us

Re: **LOGOS Operating, LLC**
Application for Administrative Approval, Non-Standard Spacing Unit (NSP), and
Basin Mancos Gas Pool (97232)

Township 23 North, Range 8 West, San Juan County

Section 1: Lot 4, SW/4 NW/4

Section 2: Lots 1, 2, 3, 4, S/2 N/2 (NSP/HSU)

Omega 2308 03 Well No. 5H (Horizontal Oil/Well)

API No. 30-045-38180

SL: 1960' FNL and 223' FEL (H), Section 3

FTP: 1878' FNL and 330' FEL SW/4 NW/4 (E), Section 1

LTP: 1909' FNL and 100' FWL SW/4 NW/4 (E), Section 2

BL: 1878' FNL and 1098' FWL (E), Section 1, T23N, R8W

Zeus 2308-03 Well No. 4H (Horizontal Oil/Well)

API No. 30-045-38179

SL: 1938' FNL and 223' FEL (H), Section 3

FTP: 754' FNL and 330' FEL Lot 4 (E), Section 1

LTP: 753' FNL and 100' FWL Lot 4 (D), Section 2

BL: 755' FNL and 1100' FEL (D), Section 1

Dear Ms. Sandoval:

LOGOS Operating, LLC ("LOGOS"), as operator for LOGOS Resources II, LLC, hereby requests administrative approval of non-standard locations for the Omega 2308 03 Well No. 5H and the Zeus 2308 03 Well No. 4H (the "Subject Wells") pursuant to New Mexico Oil Conservation Division ("NMOCD") rules governing the drilling of horizontal wells in the Basin Mancos Gas Pool (Pool ID 97232). LOGOS intends to drill the Subject Wells as horizontal oil wells with a dedicated spacing unit comprised of Lot 4 and the SW/4 NW/4 of Section 1 and Lots 1 through 4 and the S/2 N/2 (N/2 equivalent) of Section 2, Township 23 North, Range 8 West, N.M.P.M., San Juan County, New Mexico (the "HSU" or "Spacing Unit"). LOGOS has the rights to the lease within this spacing unit, along with the attendant right to drill.

Prior to first production from the Subject Wells, LOGOS will obtain NMOCD approval of a Form C-102 consistent with the Spacing Unit.

Non-Standard Horizontal Spacing Unit

Under the recently adopted amendments to Rule 19.15.16 NMAC, the Horizontal Spacing Unit is non-standard for a gas well because it excludes Lot 3 and the SE/4 NW/4 of Section 1, Township 23 North, Range 8 West, N.M.P.M. The depictions of the spacing unit in Exhibits "C" and "D" show the excluded acreage outlined in yellow and the resulting spacing unit outlined in blue.

Reasoning for the Application

Approval of the non-standard location detailed in this Application will allow efficient development of the Gallup formation consistent with generally accepted industry standards governing proper wellbore orientation, while minimizing the substantial waste that would result from imposition of the setbacks and well spacing imposed for gas wells under the provisions of Rule 19.15.16 NMAC. It is noted that Gallup wells in the vicinity of the Subject Well, including recent horizontal wells drilled wholly or partly in the Basin Mancos Gas Pool, have been permitted using 100' setbacks from the first and last take points in the wellbore, and it is expected that the Subject Well will produce well below the gas-to-oil ratio cutoff specified in the definition of a "gas well" in 19.15.2.7 NMAC. Both the Spacing Unit and the location of the Subject Wells would be standard under the provisions of Section 19.15.16 NMAC governing the spacing and setbacks for horizontal oil wells. Accordingly, approval of this Application will allow maximum development of the Spacing Unit without preventing the future development of the surrounding area.

The NMOCD's Administrative Application Checklist is enclosed at the beginning of this package. A list of Affected Parties is set forth in the attached Exhibit "E". A certified mailing of the form letter attached hereto as Exhibit "F" was sent to each such Affected Party on February 4, 2020, advising that an objection to this Application must be filed with the NMOCD within 20 days of the NMOCD's receipt of the Application.

February 4, 2020

Page 3

If any additional information is necessary for review of this Application, please do not hesitate to contact me by phone at 505-303-7236 or by email at shall@logosresourcesllc.com. Thank you for your consideration.

Sincerely,
LOGOS Operating, LLC

A handwritten signature in black ink, appearing to read "J. Scott Hall", with a stylized flourish at the end.

J. Scott Hall
Senior Attorney

JSH

District I
1025 N. French Drive, Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First Street, Artesia, NM 88210
Phone: (505) 748-1203 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011
Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-38180		Pool Code 97232	Pool Name BASTIN MANCOS
Property Code	Property Name OMEGA 2308 03		Well Number 5H
GRID No 289408	Operator Name LOGOS OPERATING, LLC		Elevation 6908

Surface Location

UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County
H	3	23N	8W		1960	NORTH	223	EAST	SAN JUAN

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County
E	1	23N	8W		1878	NORTH	1098	WEST	SAN JUAN

Dedicated Acres 403.72	W/2 NW/4 - Section 1 N/2 - Section 2	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

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 unless mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement, or a compulsory pooling order heretofore entered by the division.

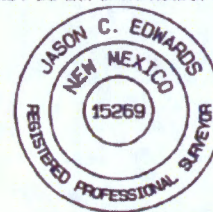
Signature
Tandra Sessarons
Date
1/28/20
Printed Name
tsessarons@logosresourcesllc.com
E-mail Address

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.

Date Revised: JANUARY 27, 2020
Date of Survey MAY 4, 2019

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

SURFACE LOCATION (A)
1960' FNL 223' FEL
SECTION 3, T23N, R8W
LAT: 36.258159°N
LONG: 107.660303°W
DATUM: NAD1927
LAT: 36.258172°N
LONG: 107.660313°W
DATUM: NAD1983

NTS 44.95 179.5

POINT-OF-ENTRY (B)
1910' FNL 50' FEL
SECTION 3, T23N, R8W
LAT: 36.258296°N
LONG: 107.659718°W
DATUM: NAD1927
LAT: 36.258308°N
LONG: 107.660329°W
DATUM: NAD1983

NTS 44.15 150.0

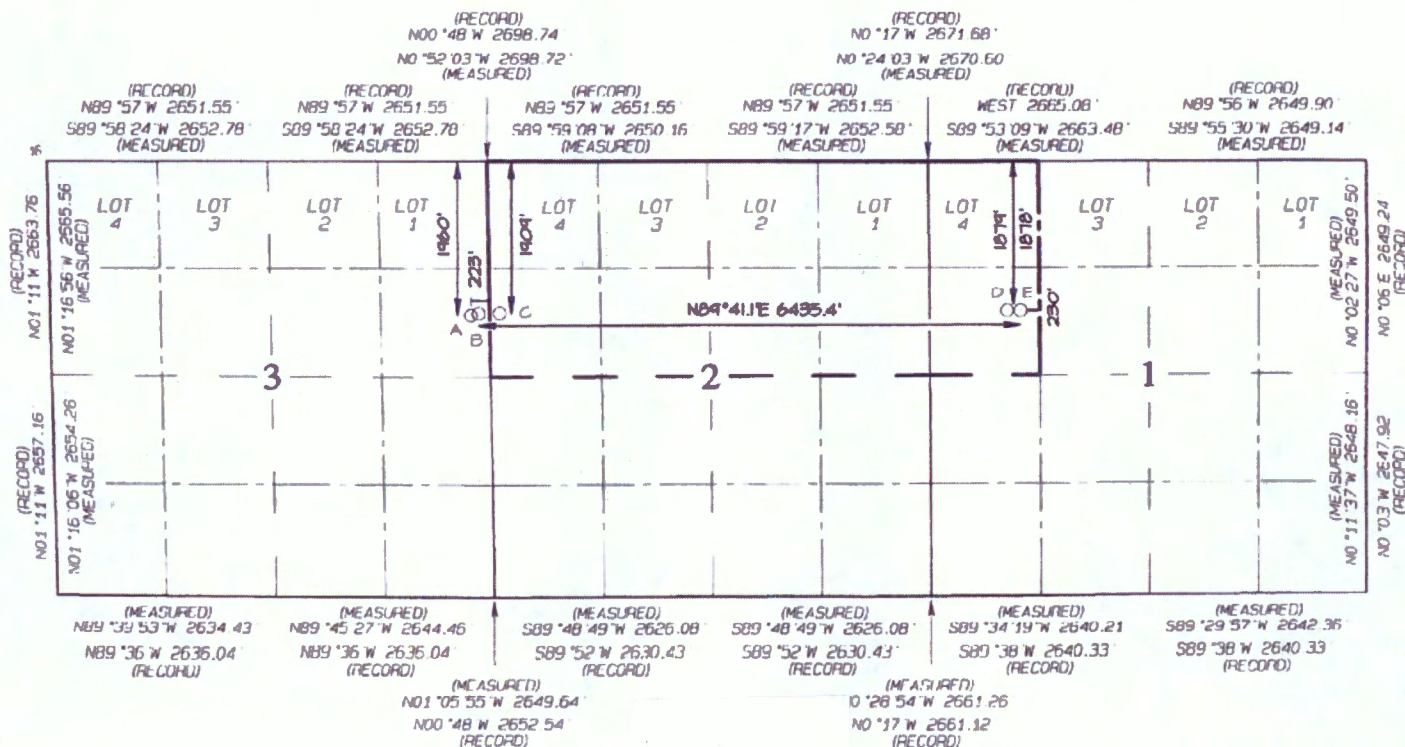
LAST PERFORATION (C)
1909' FNL 100' FNL
SECTION 2, T23N, R8W
LAT: 36.258297°N
LONG: 107.659209°W
DATUM: NAD1927
LAT: 36.258310°N
LONG: 107.659820°W
DATUM: NAD1983

NTS 44.15 610.54

FIRST PERFORATION (D)
1879' FNL 998' FNL
SECTION 1, T23N, R8W
LAT: 36.258358°N
LONG: 107.638230°W
DATUM: NAD1927
LAT: 36.258371°N
LONG: 107.638840°W
DATUM: NAD1983

NTS 44.15 100.0

END-OF-LATERAL (E)
1878' FNL 1098' FNL
SECTION 1, T23N, R8W
LAT: 36.258359°N
LONG: 107.637891°W
DATUM: NAD1927
LAT: 36.258372°N
LONG: 107.638501°W
DATUM: NAD1983



District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form O-102
Revised August 1, 2011
Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and correct 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 location-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature: Tamra Sessions Date: 1-28-20

Printed Name: Tamra Sessions

tsessions@logosresourcesllc.com

C-mail Address:

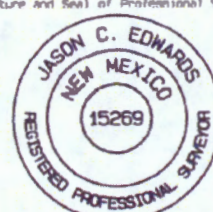
18 SURVEYOR CERTIFICATION

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.

Date Revised: JANUARY 27, 2020

Date of Survey: MAY 4, 2019

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-38179	*Pool Name 97232	*Pool Name BASIN MANCOS
*Property Code	*Property Name ZEUS 2308 03	*Well Number 4H
*GRID No. 289408	*Operator Name LOGOS OPERATING, LLC	*Elevation 6908

10 Surface Location

U. or lot no.	Section	Township	Range	Lot	Feet from the	North/South Line	Feet from the	East/West Line	County
H	3	23N	8W		1938	NORTH	223	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

U. or lot no.	Section	Township	Range	Lot	Feet from the	North/South Line	Feet from the	East/West Line	County
J	1	23N	8W	4	755	NORTH	1100	WEST	SAN JUAN

*Dedicated Acreage 403.72	*W/2 NW/4 - Section 1 N/2 - Section 2	*Light or (Int.)	*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

SURFACE LOCATION (A)
1938' FNL 223' FFI
SECTION 3, T23N, R8W
LAT: 36.258220°N
LONG: 107.660305°W
DATUM: NAD1927

LAT: 36.258232°N
LONG: 107.660916°W
DATUM: NAD1983

POINT-OF-ENTRY (B)
753' FNL 50' FEL
SECTION 3, T23N, R8W
LAT: 36.261476°N
LONG: 107.659770°W
DATUM: NAD1927

LAT: 36.261489°N
LONG: 107.660381°W
DATUM: NAD1983

LAST PERFORATION (C)
753' FNL 100' FFI
SECTION 2, T23N, R8W
LAT: 36.261475°N
LONG: 107.659262°W
DATUM: NAD1927

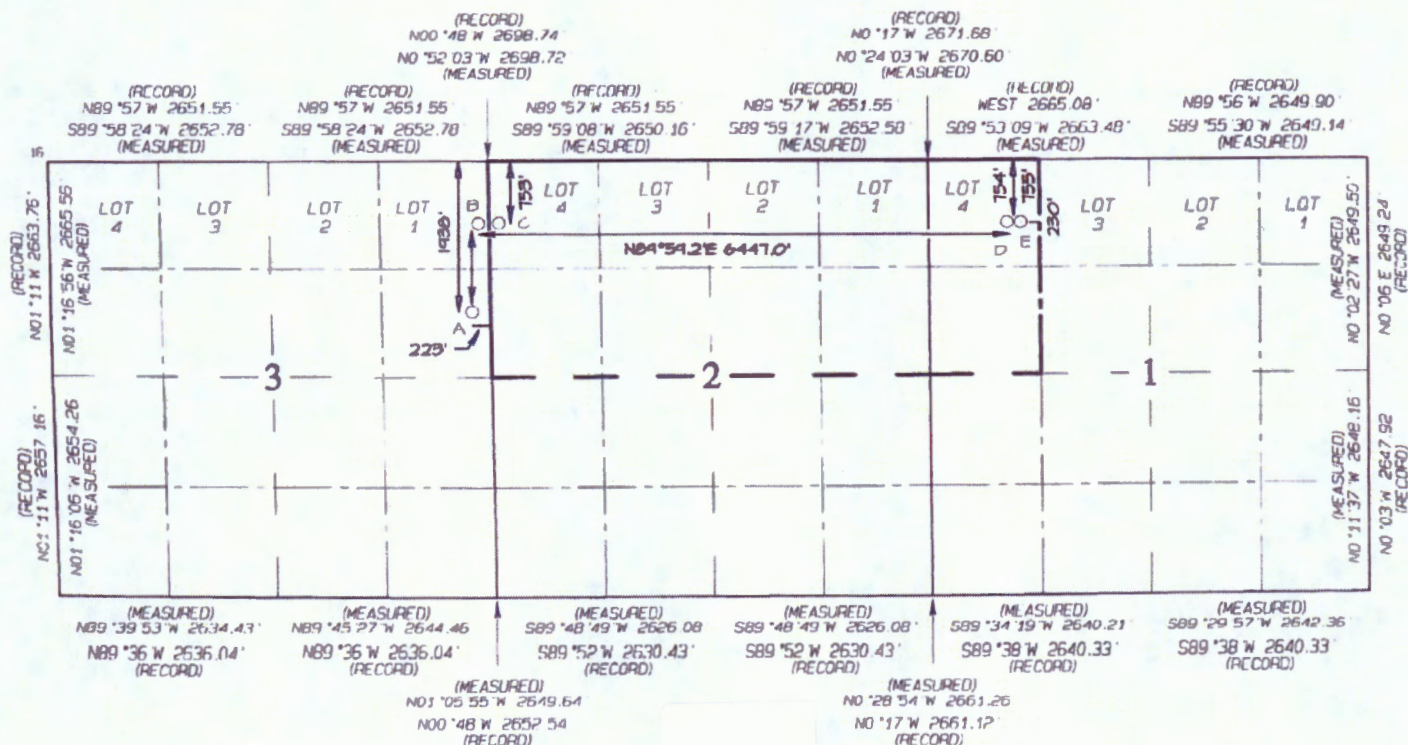
LAT: 36.261488°N
LONG: 107.659872°W
DATUM: NAD1983

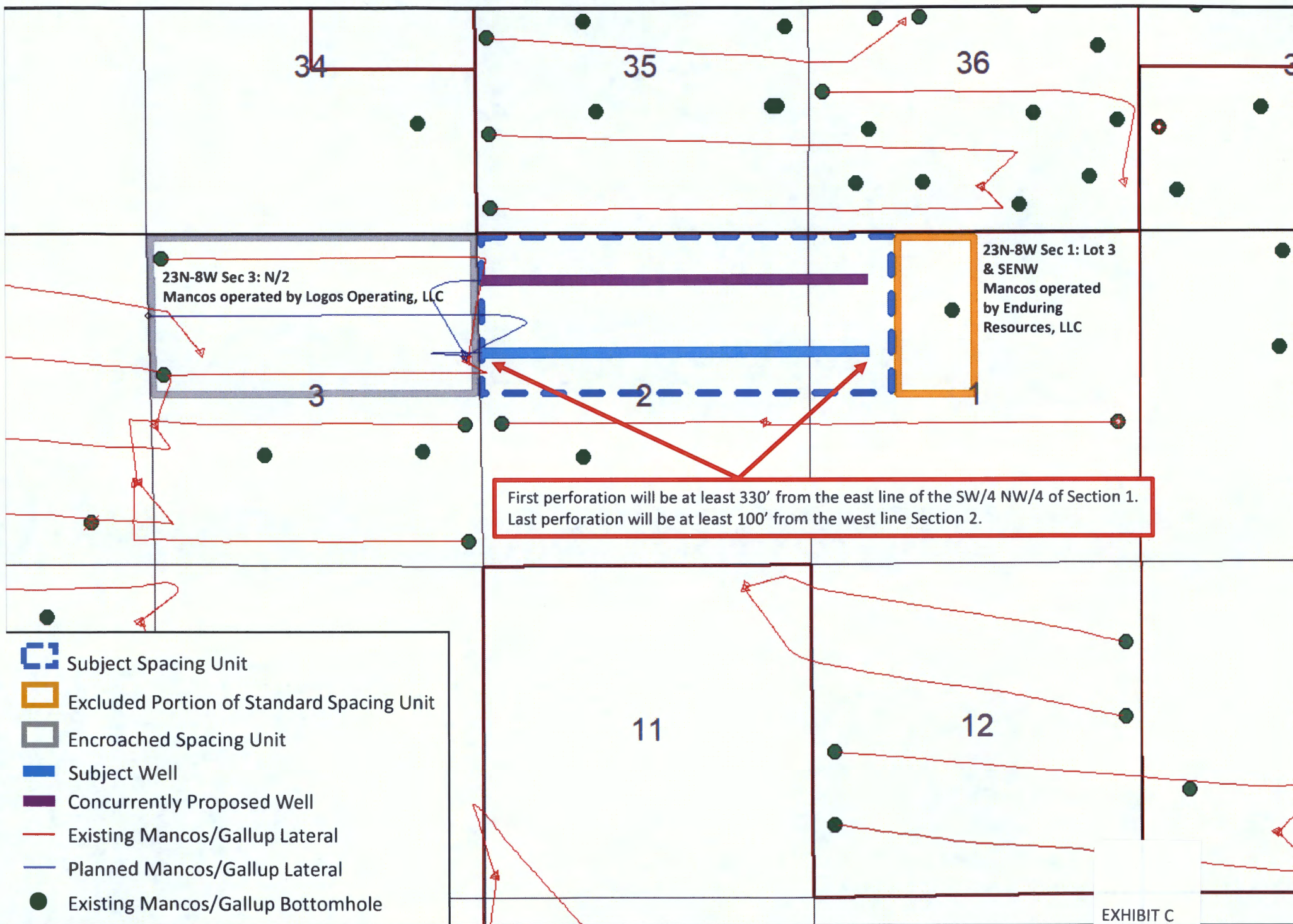
FIRST PERFORATION (D)
754' FNL 1000' FFI
SECTION 1, T23N, R8W
LAT: 36.261447°N
LONG: 107.638242°W
DATUM: NAD1927

LAT: 36.261460°N
LONG: 107.638852°W
DATUM: NAD1983

END-OF-LATERAL (E)
755' FNL 1100' FFI
SECTION 1, T23N, R8W
LAT: 36.261446°N
LONG: 107.637903°W
DATUM: NAD1927

LAT: 36.261459°N
LONG: 107.638513°W
DATUM: NAD1983





Affected Parties

**Application for Administrative Approval,
Unorthodox Well Location (NSL)
Non-Standard Spacing Unit (NSP)
LOGOS Operating, LLC
Omega 2308 03 Well No. 5H
Zeus 2308 03 Well No. 4H**

Enduring Resources IV, LLC

Working Interest Owner: Lots 1, 2, 3, SE/4 NW/4, S/2 NE/4 Section 1 T23N R8W

Date of Mailing: February 4, 2020 USPS Tracking No. 70192280000196265110

Enduring Resources, LLC

Operator: Unit C Section 1 T23N R8W

Date of Mailing: February 4, 2020 USPS Tracking No. 70192280000196265127

LOGOS Resources II, LLC

Working Interest Owner: N/2 Section 3 T23N R8W

Date of Mailing: N/A USPS Tracking No. N/A

Bureau of Land Management

Royalty Interest Owner: N/2 Section 3 T23N R8W

Date of Mailing: February 4, 2020 USPS Tracking No. 70192280000196265134

EXHIBIT E



J. Scott Hall
Senior Attorney
LOGOS Resources II, LLC
317 Paseo de Peralta
P. O. Box 1946
Santa Fe, NM 87504
Office: 505.303.7236
Mobile: 505.670.7362

shall@logosresourcesllc.com

February 4, 2020

To: All Interest Owners/or Operators listed on
attached page

**CERTIFIED MAIL/
RETURN RECEIPT REQUESTED**

Re: **LOGOS Operating, LLC**
Application for Administrative Approval, Non-Standard Spacing Unit (NSP)
1, Basin Mancos Gas Pool (97232)

Township 23 North, Range 8 West, San Juan County

Section 1: Lot 4, SW/4 NW/4

Section 2: Lots 1, 2, 3, 4, S/2 N/2 (NSP/HSU)

Omega 2308 03 Well No. 5H (Horizontal Oil/)

API No. 30-045-38180

SL: 1960' FNL and 223' FEL (H), Section 3

FTP: 1878' FNL and 330' FEL SW/4 NW/4 (E), Section 1

LTP: 1909' FNL and 100' FWL SW/4 NW/4 (E), Section 2

BL: 1878' FNL and 1098' FWL (E), Section 1, T23N, R8W

Zeus 2308 03 Well No. 4H (Horizontal Oil/)

API No. 30-045-38179

SL: 1938' FNL and 223' FEL (H), Section 3

FTP: 754' FNL and 330' FEL Lot 4 (E), Section 1

LTP: 753' FNL and 100' FWL Lot 4 (D), Section 2

BL: 755' FNL and 1100' FEL (D), Section 1

Dear Sir or Madam:

Pursuant to New Mexico Oil Conservation Division (NMOCD) Rule 19.15.15.11 B and the rules and regulations for the Basin-Mancos Gas Pool, you are hereby notified that LOGOS Operating, LLC has on this date made application to the NMOCD for administrative approval of Unorthodox Well Locations (NSL) and Non-Standard Unit (NSP) for its Omega 2308 03 Well No. 5H and eus 2308 03 Well No. 2-H to be drilled at the surface and bottom hole locations indicated above. A copy of the application is enclosed.

EXHIBIT F

February 4, 2020

Page 2

As the owner of an interest that may be affected, you have the right to object to the application. To do so, you must file a written protest with the NMOCD within twenty days. Failure to do so will prevent you from challenging the matter at a later time. A letter of protest may be sent to the NMOCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

Should you consent to the application and the proposed unorthodox well location, you are requested to indicate your waiver of objection by signing where indicated below and then returning this letter to me at your earliest convenience.

Sincerely,

LOGOS Operating, LLC

J. Scott Hall, Senior Attorney

CONSENT:

By: _____

Date: _____

Notification List

Application for Administrative Approval,

Non-Standard Spacing Unit

LOGOS Operating, LLC

Omega 2308 03 Well No. 5H

Zeus 2308 03 Well No. 4H

Enduring Resources, LLC, and

Enduring Resources IV, LLC

1050 17th Street, Suite 2500

Denver, CO 80265

Bureau of Land Management

Farmington Field Office

6251 College Blvd., Suite A

Farmington, NM 87402

7019 2280 0001 9626 5127

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

DENVER, CO 80265

Certified Mail Fee \$3.55

Extra Services & Fees (check box, add fee):
☐ Return Receipt (hardcopy) \$2.85
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.70

Total Postage and Fees \$7.10

Sent To: **ENDURANCE RESOURCES LLC**
 Street and Apt. No., or PO Box No. **1050 17th SUITE 2500**
 City, State, ZIP+4® **DENVER CO 80265**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 2280 0001 9626 5110

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

DENVER, CO 80265

Certified Mail Fee \$3.55

Extra Services & Fees (check box, add fee):
☐ Return Receipt (hardcopy) \$2.85
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.70

Total Postage and Fees \$7.10

Sent To: **ENDURANCE RESOURCES LLC**
 Street and Apt. No., or PO Box No. **1050 17th SUITE 2500**
 City, State, ZIP+4® **DENVER CO 80265**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 2280 0001 9626 5134

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

FARMINGTON, NM 87402

Certified Mail Fee \$3.55

Extra Services & Fees (check box, add fee):
☐ Return Receipt (hardcopy) \$2.85
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.85

Total Postage and Fees \$7.25

Sent To: **BLM**
 Street and Apt. No., or PO Box No. **6251 COLLEGE BLVD. SUITE A**
 City, State, ZIP+4® **FARMINGTON NM 87402**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



J. Scott Hall
Senior Attorney
LOGOS Resources II, LLC
317 Paseo de Peralta
P. O. Box 1946
Santa Fe, NM 87504
Office: 505.303.7236
Mobile: 505.670.7362

shall@logosresourcesllc.com

February 4, 2020

To: All Interest Owners/or Operators listed on
attached page

**CERTIFIED MAIL/
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Re: **LOGOS Operating, LLC**
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Section 2: Lots 1, 2, 3, 4, S/2 N/2 (NSP/HSU)

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FTP: 754' FNL and 330' FEL Lot 4 (E), Section 1

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February 4, 2020

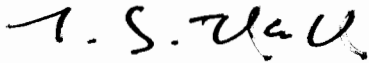
Page 2

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Sincerely,

LOGOS Operating, LLC

A handwritten signature in black ink, appearing to read "J. Scott Hall", is written over the printed name.

J. Scott Hall, Senior Attorney

CONSENT:

By: _____

Date: _____