

NMOCD CASE NO. 20413 MAY 16, 2019

# STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LOGOS OPERATING, LLC FOR COMPULSORY POOLING, SAN JUAN COUNTY, NEW MEXICO

Case No. 20413

## AFFIDAVIT OF CHRISTOPHER JEFFUS

I, being duly sworn on oath, state the following:

- 1. I am over the age of eighteen years and have personal knowledge of the matters set forth herein.
- 2. I am employed as Vice-President, Land and Legal, for LOGOS Resources II, LLC and I am familiar with the subject application and the lands involved.
- 3. This affidavit is submitted in connection with the filing by LOGOS Operating, LLC ("LOGOS") of the above-referenced compulsory pooling application pursuant to 19.15.4.12.A(1) NMAC.
- 4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum landman and attorney have been accepted by the Division and made a matter of record.
- 5. The purpose of this application is to consolidate certain overriding royalty interests within the horizontal spacing and ("HSU") described in the application, and in the wells to be drilled in the unit.
- 6. No opposition is expected. The interest owners being pooled have been contacted regarding the proposed wells and HSU, but have failed or refused to voluntarily commit their interests in the wells. None have otherwise represented to me that they oppose this pooling application.

- 7. LOGOS seeks an order pooling all uncommitted overriding royalty interests in the Gallup formation underlying the N/2 of Section 32, Township 24 North, Range 8 West, NMPM in San Juan County, New Mexico. LOGOS also seeks to establish a 320-acre horizontal spacing unit in the Nageezi-Gallup Oil Pool comprised of the N/2 of Section 32.
- 8. The HSU will be subject to a State of New Mexico Communitization Agreement. By email communication dated March 18, 2019, from the New Mexico State Land Office indicating preliminary approval of the Communitization Agreement is attached as **Exhibit 1.** A complete copy of the Communitization Agreement and exhibits which has been submitted to the New Mexico State Land Office are attached as **Exhibit 2**. **Exhibit 3** is a plat outlining the unit.
- 9. LOGOS will drill three wells within the HSU as follow: (1) the **State 2408 32A Com No. 1H (API 30-045-35911)** (infill well) at an approximate surface hole location 290' FNL and 300' FEL (Unit A) with an estimated bottom hole location 330 FNL and 20' FWL (Unit D); (2) the **State 2408 32A Com No. 2H (API 30-045-35912)** (defining well) at an approximate surface hole location 310' FNL and 300' FEL (Unit A) with an estimated bottom hole location 1321' FNL and 20' FWL (Unit E); and (3) the **State 2408 32A Com No. 3H (API 30-045-35913)** (infill well) at an approximate surface hole location 330' FNL and 300' FEL (Unit A) with an estimated bottom hole location 2312' FNL and 20' FWL (Unit E), all in Section 32. The producing intervals of all three wells will be orthodox. C-102's for each of the wells are attached as **Exhibits 4, 5 and 6.**
- 10. A description of the leases committed to the HSU, along with the identities of the interest owners of record and the nature of their interests are set forth in Exhibit A within Exhibit 2 (Communitization Agreement). LOGOS has caused a diligent search to be conducted of the public records in San Juan County, New Mexico, where the wells will be located, as well as the

records of the New Mexico State Land Office. LOGOS has also conducted phone directory and computer searches to obtain contact information for parties entitled to notification. All record title owners and working interest owners have voluntarily committed their respective interests to the communitization agreement.

- 11. LOGOS Resources II, LLC owns 100% of the working interest in the Gallup formation under State of NM Lease No. EO-4912-0023 (SE/4 NE/4 of Section 32), State of NM Lease No. VC-0472-000 (NE/4 NW/4 of Section 32), and State of New Mexico Lease L0-2986-0001, insofar as same covers the N2NE and SWNE of Section 32, Township 24 North, Range 8 West, NMPM. Hilcorp San Juan, LP, owns 100% of the working interest in the Gallup formation under State of New Mexico State of New Mexico Lease L0-2986-0001, insofar as same covers the S2NW and NWNW of Section 32, Township 24 North, Range 8 West, NMPM.
- 12. There are a number of overriding royalty interest owners whose interests derive from instruments that do not contain pooling provisions. Those owners are also identified in **Exhibit A** within **Exhibit 2.** LOGOS has sought ratifications from those owners, but several remain outstanding.
- 13. LOGOS requests that it be designated operator of the wells and that all uncommitted overriding royalty interests be joined to the communitization agreement.
- 14. The Exhibits to this Affidavit were prepared by me, or compiled from LOGOS's company business records.
- 15. The granting of this Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

FURTHER AFFIANT SAYETH NAUGHT

Christopher Jeffus

STATE OF HARRIS )

Subscribed to and sworn before me this // day of May, 2019.

My Commission expires // /4 /2022

My Commission expires // /4 /2022

Cecile S Guarino My Communicon Expires 11/14/2022

ID No. 8165554

The foregoing is correct and complete to the best of my knowledge and belief.

16.

### Niranjan,

1.7.7

LOGOS is attempting to form a Communitization Agreement for the drilling of 3 wells – the State 2408 32A Com #1H, State 2408 32A Com #2H, and State 2408 32A Com #3H. The State 2408 32A Com #2H will be the defining well for a spacing unit comprised of the N/2 of Section 32, 24N-8W, and the #1H and #3H will each be infills with an identical spacing unit. I am in the process of confirming operating rights ownership on a portion of one of the leases involved, but wanted to ensure that the form of Communitization Agreement intended to be used would be adequate from the NMSLO's perspective. I have used the body of Comm Agreement on the NMSLO website, but have slightly modified the signature pages and Exhibit A (although I believe both contain all information required by the NMSLO). The CA will be covered by 3 NMSLO leases, no federal or fee.

Due to rig availability in the San Juan Basin, our plans to drill these three wells have been greatly accelerated, and I will likely have completed forms to you in the next couple of weeks.

Thank you for any guidance you can provide. Fortunately, this CA should not be nearly as complex as the Heros pad CA we worked about a year ago.

### 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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### **Christopher Jeffus**

From: Khalsa, Niranjan < nkhalsa@slo.state.nm.us>

**Sent:** Monday, March 18, 2019 1:29 PM

**To:** Christopher Jeffus

Subject: RE: Verification of Form of Comm Agreement - State 2408 32A Wells

### Good afternoon Christopher,

The only issue I see is the communitization of the Mancos AND Gallup...comms are for single zones/pools/proration units, so unless OCD has a pool they've designated for that interval, you'll need to pick a single geologic formation. I realize that some people lump the Gallup in with the Mancos, but unless OCD does in that area, you'll have to pick one of the two.

Also, the State doesn't require or need any working interests to sign our agreements, only lessees of record and the operator. The exhibit A is ok as you prepared it, but not at all necessary from the State's perspective. Only GE, and Logos would need to sign, and certainly the State doesn't recognize overrides. But if that is how you need it, it's ok to submit that way.

Please let me know if you have any other questions. Thanks, Niranjan

Niranjan Khalsa
Petroleum Specialist Supervisor/Geologist
Oil, Gas & Minerals Division
505-827-6628
New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87502
or
PO Box 1148
Santa Fe, NM 87504-1148
nkhalsa@slo.state.nm.us

www.nmstatelands.org



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From: Christopher Jeffus [mailto:cjeffus@logosresourcesllc.com]

**Sent:** Monday, March 18, 2019 11:01 AM

To: Khalsa, Niranjan <nkhalsa@slo.state.nm.us>

Subject: Verification of Form of Comm Agreement - State 2408 32A Wells

NM State Land Office Oil, Gas, & Minerals Division

# STATE/STATE OR STATE/FEE

Revised March 2017

### **COMMUNITIZATION AGREEMENT**

ONLINE Version KNOW ALL MEN BY THESE PRESENTS:

Well Name: State 2408 32A Com #2H

STATE OF NEW MEXICO )

API#: 30 - 45 \_ 35912

COUNTY OF SAN JUAN

THAT THIS AGREEMENT [which is NOT to be used for carbon dioxide or helium] is entered , 20 19 by and between the parties subscribing, ratifying or into as of March 1 consenting hereto, such parties hereinafter being referred to as "Parties hereto";

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by the Legislature, as set forth in Sec. 19-10-53, New Mexico Statutes, Annotated, 1978, in the interest of conservation of oil & gas and the prevention of waste to consent to and approve the development or operation of State Trust Lands under agreements made by lessees of oil & gas leases thereon, jointly or severally with other oil & gas lessees of State Trust Lands, or oil and gas lessees or mineral owners of privately owned or fee lands, for the purpose of pooling or communitizing such lands to form a proration unit or portion thereof, or well-spacing unit, pursuant to any order, rule or regulation of the New Mexico Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department where such agreement provides for the allocation of the production of oil or gas from such pools or communitized areas on an acreage or other basis found by the Commissioner of Public Lands to be fair and equitable.

WHEREAS, the parties hereto, own working, royalty, or other leasehold interests or operating rights under the oil and gas leases and lands subject to this agreement, which leases are more particularly described in the schedule attached hereto, marked Exhibit "A" and made a part hereof, for all purposes; and

WHEREAS, said leases, insofar as they cover the Gallup formation or pool as defined by the NMOCD, as further described on Exhibit "A" (hereinafter referred to as "said formation") in and under the land hereinafter described cannot be independently developed and operated in conformity with the well spacing program established for such formation in and under said lands; and

WHEREAS, the parties hereto desire to communitize and pool their respective interests in said leases subject to this agreement for the purpose of developing, operating and producing hydrocarbons in the said formation in and under the land hereinafter described subject to the terms hereof

ONLINE version March, 2017

State/State State/Fee

7

NOW THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the undersigned as follows:

1. The lands covered by this agreement (hereinafter referred to as the "communitized area") are described as follows:

Subdivisions

N/2

Of Sect(s)

32

Twnshp 24N Rng

8W

NMPM San Juan County. NM

containing **320.0** acres, more or less. It is the judgment of the parties hereto that the communitization, pooling and consolidation of the aforesaid land into a single unit for the development and production of hydrocarbons from the said formation in and under said land is necessary and advisable in order to properly develop and produce the hydrocarbons in the said formation beneath the said land in accordance with the well spacing rules of the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department, and in order to promote the conservation of the hydrocarbons in and that may be produced from said formation in and under said lands, and would be in the public interest;

AND, for the purposes aforesaid, the parties hereto do hereby communitize for proration or spacing purposes only the leases and/or depths described in Exhibit "A" hereto insofar as they cover hydrocarbons within and that may be produced from the said formation (hereinafter referred to as "communitized substances") beneath the above-described land, into a single communitization, for the development, production, operation and conservation of the hydrocarbons in said formation beneath said lands.

Attached hereto and made a part of this agreement for all purposes, is Exhibit A showing the acreage, depths communitized and ownership (Lessees of Record) of all leases within the communitized area.

- 2. The communitized area shall be developed and operated as an entirety with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leases described in Exhibit "A" hereto in the proportion that the number of surface acres covered by each of such leases and included within the communitized area bears to the total number of acres contained in the communitized area.
- 3. Subject to Paragraph 4, the royalties payable on communitized substances allocated to the individual leases and the rentals provided for in said leases shall be determined and paid in the manner and on the basis prescribed in each of said leases. Except as provided for under the terms and provisions of the leases described in Exhibit "A" hereto or as herein provided to the contrary, the payment of rentals under the terms of said leases shall not be affected by this agreement; and except as herein modified and changed or heretofore amended, the oil and gas leases subject to this agreement shall remain in full force and effect as originally issued and amended.

- 4. LOGOS Operating, LLC shall be the Operator of the said communitized area and all matters of operation shall be determined and performed by LOGOS Operating, LLC
- 5. The State of New Mexico hereafter is entitled to the right to take in kind its share for the communitized substances allocated to such tract, and Operator shall make deliveries of such royalty share taken in kind in conformity with applicable contracts, laws, and regulations.
- 6. There shall be no obligation upon the parties hereto to offset any well or wells situated on the tracts of land comprising the communitized area, nor shall the Operator be required to measure separately the communitized substances by reason of the diverse ownership of the separate tracts of land comprising the said communitized area; provided, however, that the parties hereto shall not be released from their obligation to protect the communitized area from drainage of communitized substances by wells which may be drilled within offset distance (as that term is defined) of the communitized area.
- 7. The commencement, completion, and continued operation or production of a well or wells of communitized substances on the communitized area shall be considered as the commencement, completion, continued operation or production as to each of the leases described in Exhibit "A" hereto.
- 8. The production of communitized substances and disposal thereof shall be in conformity with the allocations, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State laws. This agreement shall be subject to all applicable Federal and State laws, executive orders, rules and regulations affecting the performance of the provisions hereof, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if compliance is prevented by or if such failure results from compliance with any such laws, orders, rules and regulations.
- This agreement shall be effective as of the date hereinabove written upon execution by the 9. necessary parties, notwithstanding the date of execution, and upon approval by the Commissioner of Public Lands, shall remain in full force and effect for a period of one year from the date hereof and as long thereafter as communitized substances are produced from the communitized area in paying quantities; provided, that this agreement shall not expire if there is a well capable of producing gas in paying quantities located upon some part of the communitized area, if such a well is shut-in due to the inability of the Operator to obtain a pipeline connection or to market the gas therefrom, and if either: (a) a shut-in royalty has been timely and properly paid pursuant to the provisions of one of the State of New Mexico oil and gas leases covering lands subject to this agreement so as to prevent the expiration of such lease; or (b) each of the State of New Mexico oil and gas leases covering lands subject to this agreement is in its primary term (if a five-year lease), or in its primary or secondary term (if a ten-year lease), or is held by production from another well. Provided further, however, that prior to production in paying quantities from the communitized area, and upon fulfillment of all requirements of the Commissioner of Public Lands with respect to any dry hole or abandoned well drilled upon the communitized area, this agreement may be

terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production of communitized substances if, within sixty (60) days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence. As to State Trust Lands, written notice of intention to commence such operations shall be filed with the Commissioner of Public Lands within thirty (30) days after the cessation of such production, and a report of the status of such operations shall be made by the Operator to the Commissioner every thirty (30) days, and the cessation of such operations for more than twenty (20) consecutive days shall be considered as an abandonment of such operations as to any lease from the State of New Mexico included in this agreement.

- 10. Operator will furnish the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department, and the Commissioner of Public Lands of the State of New Mexico, with any and all reports, statements, notices and well logs and records which may be required under the laws and regulations of the State of New Mexico.
- 11. It is agreed between the parties hereto that the Commissioner of Public Lands, or his duly authorized representatives, shall have the right of supervision over all operations under the communitized area to the same extent and degree as provided in the oil and gas leases described in Exhibit "A" hereto and in the applicable oil and gas regulations of the State of New Mexico.
- 12. If any order of the Oil Conservation Division of the New Mexico Energy Minerals and Natural Resources Department, upon which this agreement is predicated or based is in anyway changed or modified, then in such event said agreement is likewise modified to conform thereto.
- 13. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instruments, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
- 14. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written.

### **OPERATOR**

LOGOS Operating, LLC

5-14-19 Date

By: Jay Paul McWilliams

Title: President

### **ACKNOWLEDGEMENT**

STATE OF NEW MEXICO )

COUNTY OF SAN JUAN

The foregoing instrument was acknowledged before me this LHN day of MOV, 2019, by Jay Paul McWilliams, President of LOGOS Operating, LLC, for and on behalf of said limited liability company.

My Commission Expires

OFFICIAL SEAL

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD

My Commission Expires 7/3/2022

LOGOS Resources II, LLC

7/3/2<sup>FG</sup>5-14-19 Date

Name: Jay Paul McWilliams
Title: Chief Executive Officer

### **ACKNOWLEDGEMENT**

STATE OF NEW MEXICO )

COUNTY OF SAN JUAN )

The foregoing instrument was acknowledged before me this 14th day of July 2019, by Jay Paul McWilliams, Chief Executive Officer of LOGOS Resources II, LLC, for and on behalf of said limited liability company.

My Commission Expires

Notary Public

N. N.

OFFICIAL SEAL
Kaleigh Graham
NOTARY PUBLIC-State of New Mexico

My Commission Expires  $\frac{7}{3}/2022$ 

GE Oil & Gas Pressure Control, LP

24 April 2019 Date	By: Name: NICHOLAS DUNN Title: PRESIDENT
	ACKNOWLEDGEMENT
STATE OF Texas)	
COUNTY OF Harris )	
The foregoing instrumen April , 2019, by William Pressure Control, LP, for and on bel	t was acknowledged before me this <u>24</u> day of cholas Dunn, <u>President</u> of GE Oil & Gas half of said partnership.
23 Feb 2020 My Commission Expires	SHIRLEY MELCHER Notary ID # 5499579 My Commission Expires February 23, 2020  Notary Public Notary Public
	Southland Royalty Company, LLC
Date	By: Name: Title:
	ACKNOWLEDGEMENT
STATE OF)	
COUNTY OF)	
The foregoing instrument, 2019, by Royalty Company, LLC, for and on I	was acknowledged before me this day of of Southland behalf of said limited liability company.
My Commission Expires	Notary Public

# GE Oil & Gas Pressure Control, LP By: Date Name: Title: ACKNOWLEDGEMENT STATE OF \_\_\_\_\_\_) COUNTY OF ) The foregoing instrument was acknowledged before me this \_\_\_\_ day of Pressure Control, LP, for and on behalf of said partnership. My Commission Expires Notary Public Southland Royalty Company, LLC By: Date Name: Naughn O. Vennerberg, II Title: President **ACKNOWLEDGEMENT** STATE OF <u>Texas</u>) COUNTY OF Tarrant ) The foregoing instrument was acknowledged before me this 11th day of , 2019, by Vaughn O. Vennerberg, II, President of Southland Royalty Company, LLC, for and on behalf of said limited liability company. My Commission Expires MAURA TONROY Notary Public, State of Texas Comm. Expires 12-05-2020 Notary ID 130921948

	Hilcorp San Juan, LP
05/14/2019 Date	By: Name: Curtis D. Smith Title: Senior Vice President - Land  ACKNOWLEDGEMENT
STATE OFTEXAS	)
COUNTY OF HARRIS	)
The foregoing instrumer, 2019, by Cu Energy Company, a Texas Corpora behalf of said Delaware limited par	at was acknowledged before me this 4th day of rtis D. Smith, as Senior Vice President - Land, of Hilcorp ation, the general partner of Hilcorp San Juan, LP, for and on the thickness that the senior vice President - Land, of Hilcorp San Juan, LP, for and on the thickness that the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hilcorp San Juan, LP, for and on the senior vice President - Land, of Hillory Vice President - Land, of Hillo
02/08/2023	Par .
My Commission Expires	Notary Public

BRENDA MARICELA GUZMAN Notary Public, State of Texas Comm. Expires 02-08-2023 Notary ID 130054545

# Attached to and made a part of that Communitization Agreement dated March 1, 2019, between LOGOS Operating, LLC, et al.

Subdivision: <u>Township 24 North, Range 8 West, NMPM</u>
Section 32: N/2
Limited in depth from the top of the Gallup Formation to the base of the Gallup Formation

Operator of the Communitized LOGOS Operating, LLC

Tract	DESCRIB
ITERS Description of Land N	Area:
Number of	

		ω	2	No.
		T24N-R8W N.M.P.M. Sec 32: N2NE, SWNE, S2NW, NWNW	<u>T24N-R8W N.M.P.M.</u> Sec 32: NENW	Description of Land T24N-R8W N.M.P.M. Sec 32: SENE
		240.00	40.00	Acres 40.00
	Date: 5/20/1969 Held by production	State of NM 10-2986- 0001	State of NM VC-0472- 0000 Date: 10/1/2018 5 year primary term	Expiration of Lease State of NM E0-4912- 0023 Date: 12/29/1950 Held by production
		State of New Mexico - All	State of New Mexico - All	Basic Royalty & Percentage State of New 12.50000% Mexico - All
		12.50000%	20.00000%	8. Percentage 12.50000%
		GE Oil & Gas Pressure Control, LP	LOGOS Resources II, LLC 100.00000%	Lessee of Record & Percentage GE Oil & Gas Pressure 100.00000 Control, LP
		100.00000%	100.00000%	100.00060%
Insfoar and only insofar as said lease covers the S2NW and NWNW of Section 32  Mazzola & Co. John Zacharias Grace  John Zacharias Grace  Corlinne Yvonne Sumner  Michael Grace  Strael Tennis Centers Association, Inc. John Zacharias Grace  Strael Tennis Centers Association, Inc. John Zacharias Grace  Strael Tennis Centers Association, Inc. John Zacharias Grace  Michael Grace  Strael Tennis Centers Grace  Michael Grace  John Zacharias  Michael Grace  John Zacharias  Michael Grace  John Zacharias  Michael Grace  John Zacharias  Michael Fellowship International John Zacharias  Michael Fellowship International John Zacharias  Michael Fellowship International John Zacharias  Michael Grace  John Zacharias  John Zacha	Mazzola & Co. John Zacharias Grace Winston Grace Corinne Yoonne Sumner Michael Grace Israel Tennis Centers Association, Inc. Media Fellowship International World Alliance for Peace Boys and Girls Harbor Christ in You the Hope of Glory LOGOS Resources II, LLC	instoar and only insofar as said lease covers the	LOGOS Resources II, LLC None	
1.00000% 0.62500% 0.62500% 0.62500% 0.62500% 0.62500% 0.35715% 0.35715% 0.35714% 0.35714% 0.35714% 0.35714%	1.00000% 0.62500% 0.62500% 0.62500% 0.62500% 0.62500% 0.35715% 0.35714% 0.35714% 0.35714% 0.35714%	covers the	1.00000%	ntage 3.75000% 1.25000%
Insfoar and only insofar as said lease covers the S2NW and NWNW of Section 32 Hilcorp San Juan, LP 100.00000%	the NZME and SWNE of Section 32 LOGOS Resources II, LLC 100.	Instoar and only insofar as said lease covers	LOGOS Resources II, LLC 100	Working Interest & Pero LOGOS Resources II, LLC
lease covers n 32 100.00000%	100.00000%	covers	100.00000%	entage 100.00000%

RECAPITULATION

Exhibit A

Attached to and made a part of that Communitization Agreement dated March 1, 2019, between LOGOS Operating, LLC, et al.

2 40.00	

# Township 24 North, Range 8 West Section 32 Communitied Area: Gallup Formation Underlying N/2

	St of NM VC-0472 24N-8W Sec 32: NENW		
N2	St of NM L0-2986 24N-8W Sec 32: NE, SWNE, S2NW, NW	NW	St of NM E0-4912 24N-8W Sec 32: SENE

Jistrict 1 1625 N French Orive. Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 Jistrict II 811 S. First Street, Antesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 Jistrict III 1000 Rio Brazos Road Aztec, NM 97410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

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

AMENDED REPORT

Santa Fe, NM 87505 1220 S. St. Francis Drive. Santa Fe. NM 87505 Fnone (505) 476-3460 Fax. (505) 476-3462 WELL LOCATION AND ACREAGE DEDICATION PLAT 'AF I Number \*Pool Code 4Pool Name 30-045-35911 47540 NAGEEZI GALLUP 'Property Code \*Property Name Well Number 322997 STATE 2408-32A COM 111 OGRIO NO \*Operator Name Elevation 289408 LOGOS OPERATING, LLC 7002 10 Surface Location Ut or let no Sect:or Township Range Let lor North/South Line Feet from the East/west live COUNTY 35 24N 1179 NORTH 346 EAST SAN JUAN 11 Bottom Hole Location If Different From Surface UL or lot no Section TOMPSHIE Rynne Lot Ida Feet from the North/South Tine Feet from the Fast/Most lux County 0 32 24N 8W 330 NORTH 50 WEST SAN JUAN Dedicated Acres sount or Infall 14 Consolibation Code 320.0 Acres Order No - Section 32 INFILL ENO-OF-LATERAL 330 FML 20 FIRST PERFCRATION (B) 330 FNL 100 FWL SECTION 32, 724N, RBW LAT 36 277180 N LONG, 107.713158 W POINT-OS-ENTRY (D) 330 FML 50 FWL SECTION 33, T24N, RBW LAT 36.277167 N LONG, 107.695409 W LAST PERFORATION (C) 330 FML 20 FML SECTION 32, T24N, RBW LAT: 35.277180 N LONG 107.713430 W OATUM NA01927 SURFACE LOCATION (E) 1179 FML 346 FEL SECTION 32, T24N, RBN LAT. 35.274835 N LONG 107.596758 W DATUM. NAD1927 800 330 FRL 100 FEL SFCTION 32, 124N, 88W LAT. 36,277,167 N LONG, 107,695915 W DATUM NAD1927 437 DATUM NAD1927 DATUM NAD1927 LAT 36 277192 N LONG: 107,714042 W LAT 36 277192 N LONG 107 713770 W DATUM NAD1983 LAT: 35.277179\*N LONG: 107.696529\*W DATUM NAD1983 LAT 36 277180 N LONG. 107 695020 W DATUM NAD1983 LAT: 36.274847 N LONG 107 697370 W DATUM NAD1983 DATUM NAD1983

NO 101 10 E 2641 55 (MEASUPEO) (RECOPO) N89 '59 W 2640 99 (RECORD) NB9 '59 W 2640.66 (FECUAU) 1489 \*59 W 2646.66 NB9 TIG W 2640 99 S89 '59 28 W 2640 71 330' (MEASURED) 589 '57 36 W 2639 88 (MEASURED) 589 \*59 24 K 2641.38 (MEASURED) NB9 '55 '15 N 2643 56 (MEASURED) 16 330 B C 330 NO '20 E 2536 04 NO '14 05 E 2541 50 NO '14 05 E 2541 50 D 108 21" × 2531.35 584°586W 5311.8 26.39.67 20 N25°01.9'E 937.4' EIC 200 95 N 2 9 32 33 MECOROL NO 70 E 2636 Oc 10 16 09 E 2634 de INEASJAEON 108 27 W 2518 20 2639.67 W SO. 8 8 0 7-24 N (MEASURED) 589 '58 '24' H 2650 23 (MEASURCO) S69 '59 00 W 2650.73 (MEASURED) (MEASURED) 589 '58 '48 W 2549 42 589 '58 '50 W 2051 25 N89 57 w 2651 55 (PECORD) N89 '57 W 2651.55 (PECONO) NB9 \*57 W 2651.55 (RECORD) N89 '57 W 265 : 55 (PECORD) NO "C2" 32" E 2635 02 NO 106 E 2638.35 (RECORD)

(RECORD) NO '05 E 2638 35

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OF A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

" OPERATOR CERTIFICATION OPERATUR SERTIFICATION

I hereby certify that the information contineon
herein is true and complete to the best of my
knowledge and belief, and that this organization
either owns a working interest or unleash
mineral interest in the land including the
proposed bottom-role location or has a right
to orill this well at this location pursuent
to a contract with an owner of such a mineral
or working interest, or to a voluntary pooling
agreement or a propulsory pooling order
hereford a entured by the civision. Tun Signature Tamra Sessions Printed Name tsessions@logosresourcestic.com "SURVEYOR CERTIFICATION I hereby certify that the well invation shown on this plat was platted from field notes of artial surveys made by me or criding supervision, and that the same is true and correct to the best of my belief Date Revised: MARCH 14, 2019 Date of Survey MARCH 6, 2019 Signature and Seal of Projessional Surveyor EDWARE JASON C. METRO SEW. AEGISTER! Soleton Bros 15269 ANDFESSIONAL DWARDS Certificate Number

### Exhibit 5

District I 1625 N. French Orive. Hobbs. NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 5. First Street, Artesia, NM 86210 Phone: (575) 748-1283 Fax (575) 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

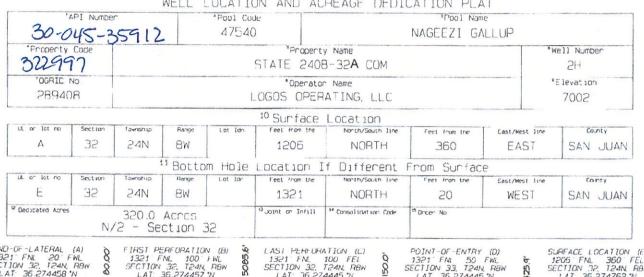
Form C-102 Revised August 1, 2011

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



ENO-OF-LATERAL (A) 1321 FNL 20 FWL SECTION 32, 124N, RBW LAT: 36 274458 N LONS: 107 713447 W DATUM, NAD1927

LAT: 35 274470 N LONG: 107.714060 W DATUM NAD1983

FIRST PERFORATION (B) 1321 FNL 100 FWL SECTION 32, TZAM, RBA LAT: 36.274457 W LONS: 107.713176 W DATUM, NAD1927

LAT 36 274470 N LONG 107 713788 W DATUM: NAD 1983

LASI PEHI-UHATION (C) 1921 FNL 100 FEL SECTION 32, 724N, RBW LAT: 36-274445 N LONS: 107.695923 W DATUM. NAD1927

LAT 35.274458 'N LONG: 107.596535 'W DATUM: NAD1983

POINT-OF-ENTRY (D) 1321 FML 50 FML SECTION 33, T24N, R8W LAT. 36.274445 N LONG. 107.595415 W DATUM NAU1927

LAT 35.274457 'N LONG 107.696026 'W DATUM: NAD1983

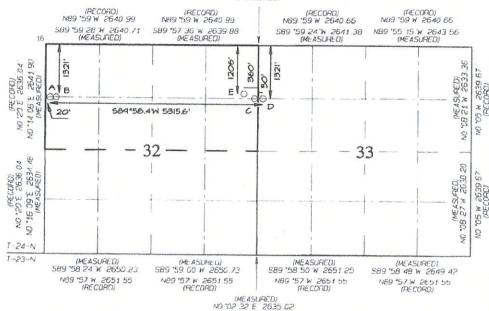
564°56.4°W

SURFACE LOCATION (E) 1206 FNL 360 FEL SECTION 32, 124N RBW LAT: 36.274762 N LONG: 107 696805 W DATUM: NAD1927

LAT. 36 274774 N I BNG: 107.697417 W DATUM: NAD1983

(RECORD) NO 106 E 2638 35 NO \*01 10 E 2641.55 (MEASURED)

Z.



NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE REEN CONSCLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

NO \*06 E 2638.35 (RECORD)

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and helief, 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 working interest, or to a valuntary pooling agreement or a compulsory pooling order heretotere entered by the division.    Market
	Printed Name
	tsessions@logosresourcesllc.com
	E-mail Address
	18 SURVEYOR CERTIFICATION  I beneby centify that the well location shown on this plat was plotted from field notes of actual surveys made by me on indem my supervision and that the same is true and cornect to the best of my belief  Oate Revised: MARCH 14, 2019  Date of Survey: MARCH 8, 2019
	Signature and Seal of Professional Surveyor
	FON C. EDWARDS  SECOND C. EDWARDS  SECOND MEXICO  S
Office on the Party and Persons named to the Party and P	JASON C. EDWARDS

### Exhibit 6

District 1 1625 N. French Drive. Hobbs. NM 88240 Phone (575) 393-6161 Fax (575) 393-0720 District II 811 S First Street, Antesia, NM 88210 Phone (575) 748-1283 Fax (575) 748-9726 District III 1000 Rio Brazos Rosd. Aztec. NM 87410 Phone (505) 334-6178 Fax (505) 334-5170 District IV 1220 S St Francis Drive Santa Fe NM 87505 Phone (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 Pool Code Pool Name 47540 NAGEEZI GALLUP Property Code Property Name Well Number STATE 2408-32A COM 3H OGRID No Operator Name '£ levat rou 289408 LOGOS OPERATING, LLC 7002 10 Surface Location or lot no no: tot la teren/South line feet from the £ast/Nest live County 32 24N 8W 1232 NORTH 374 EAST SAN JUAN <sup>il</sup>Bottom Hole Location If Different From Surface U or lot ro Section florece Les Ide Achth/South Tanc Feet Iron the East/West line camer E 32 24N 8W 2312 NORTH 20 WEST SAN JUAN W Dedicated Acres "Joset & Territ " Consolisation Code 320.0 Acres Order No N/2 - Section 32 INF ILL END DF LATERAL (A) 2312 FM 20 FWL 5ECTION 32, T24N, RBW LAT. 36,271725 N LONG 107 713465 W FIRST PERFORATION (B) 2912 FM 100 FWL SECTION 3-, 124N, RBW LAT 36 271795 N LCNG 107,713194 W LAST PERFORATION (C) 2312 FNL 100 FEL SECTION 32, 124%, R9W LAT 36,271724 W LONG 107,695929 W DATUM: NAD1927 POINT-OF-ENTRY (D) 2312 FM 50 FML SECTION 33, TZ4N, RBW LAT 35 271723 W LONG 107.695420 W DATUM HAD1927 SUPFACE LOCATION (E) 1292' FNL 374' FEL SECTION 32, 124M, RBW LAIL 35.274689'N LONG. 107.698852'W DATUM NAD1927 8 DATUM NAD1927 DATUM NAD1927 LAT 35.271748 W LONG 107.714078 W DATUM NAD1983 LAT 36 271748 N CONS: 107 713806 W EBRITORN MUTAG LAT 35 271736 N LONG 107 696541 W N 36-271736 'N W 960393,701 'DNO J 86110AN MUTAO \_AT. 36.274701 W LONG: 107.697464 W OATUM NAD1983 DATUM NAD 1983

NO 05 E 2638 35 NO '01 10'E 2541 55 INFASIRED) (RECORO) NB9 \*59 W 2640 99 (RECORD) NSG 159 N 2640 99 (RECOND) NG9 \*59 W 2640.66 (RECONO) NB9 "59 W 2640 65 S89 157 36 H 2639 88 (MEASURED) 599 "59 '28 'W 2640 71 (MEASURED) \$89 '59 24 N 2641 38 (MEASURED) N99 '55 15 W 2643 56 (MEASURED) 1th (RECORD) 120 E 2636 04 14 CG E 2641 90 14 E4549501 1232 4 (VEASUREO) NO '06 21 'N 2633 2312 135 × 2539. 500 14. ON 521°26.0°E 2 В ÷ 0 589\*58.3W 5319.3' 33 MECONO) NO '23 E 2636 04 15 39 E 2634 46 MEASUMEU) 2 20 50 MEASUFEU '08 27 W 2539.20 705 N 2639 ( Ş è 9 ٤ 1-24-N T-27-N (MEASUMED) 589 '08 24' W 2650 29 (KEASURED) 589 '59 '60 N 2650 7.1 (MEASURED) 589 '58 50 W 2651 25 (MEASURED) 589 '58' 48' W-2649' 42 N89 °57 W 2651 55 (RECORD) N89 57 W 2651 55 (FECORD) N89 \*57 W -2651.59 (RECORD) NR9 '57 W 2651 55 (RECORD) (MEASLEED) NO '02' 32' E 2535 02 NO 105 E 2638.35 (PECCRD)

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE BIVISION

"OPERATOR CERTIFICATION "OPERALON CERTIFITATION
I hereby certify that the information contained
berein is true and complete in the heat of my
knowledge and belief, and that this organization
either dwns a working interest or unleased
mineral interest in the land including the
proposed better-hole location or has a right
to orill this well at this location pursuant
to a contract with an owner of such a nineral
or working interest, or to a voluntary conling
agreement or a compulsory pooling order
huretofore-entered by the division. Signature Tamra Sessions Printed Name tsessions@logosresourcestic.com F-mail Address \*SURVEYOR CERTIFICATION I necess cent is that the well location shown on this plat was plotted from field notes of actual surveys made by me or unally supportision and that the same is true and correct to the best of my belief Date Revised MARCH 14, 2019 Date of Survey MARCH 6, 2019 Signature and Seal of Professional Surveyor C. EDWARDS JASON MEXTO MEN 15269 A OFESSIONAL JASON DWARDS Certificate Number 15269

# Case No. 20143 May 16, 2019 LOGOS Operating, LLC

[THERE IS NO EXHIBIT 7]

# STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LOGOS OPERATING, LLC FOR COMPULSORY POOLING, SAN JUAN COUNTY, NEW MEXICO

Case No. 20413

# **AFFIDAVIT OF TREVOR GATES**

I, being duly sworn on oath, state the following:

- 1. I am over the age of 18, and I have personal knowledge of the matters stated herein.
- 2. I am employed as a petroleum geologist for LOGOS Resources II, LLC ("LOGOS"), and I am familiar with the subject application and the geology involved.
- 3. This affidavit is submitted in connection with the filing by LOGOS of the above-referenced compulsory pooling application pursuant to 19.15.4.12.A(1) NMAC.
- 4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology matters. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.
  - a. I hold a Bachelor's degree in Geology from the University of Colorado, Boulder.I completed my education in 2006.
  - b. I have been employed as a petroleum geologist since 2006. I have worked in New Mexico since 2015.
- 5. **Exhibit 8** is a structure map of the Basal Niobrara pick, which lies directly above the regressive Gallup sands. The proposed area of compulsory pooling is depicted by a red rectangle. The structure is labeled in sub-sea vertical depth. The contour intervals are 25 ft each.

There is a gentle dip down to the northeast. The orientation of the State 2408 32A Com No. 2H defining well and the adjacent infill wells will be slightly up dip. There are two other horizontal wells in the section that have targeted the Gallup sands. The vertical wells controlling the structure map have the sub-sea vertical depth posted. The subsequent cross-section from A-A' is also identified to locate our closest control on the reservoir properties for the State 2408 32A Com wells. I do not observe any faulting, pinch-outs, or other geologic impediments or hazards to developing this targeted interval with a horizontal well.

- 6. **Exhibit 9** is a stratigraphic cross-section of the Gallup Interval. Each well is a triple combo log. Track 1 is gamma ray log scaled from 0 to 200 api units. Lower gamma readings indicate more sand while higher gamma readings indicate more shale. Track 2 shows the deep resistivity log from 0 ohmm to 50 ohmm. Track 3 is the porosity track with neutron porosity identified by the red curve scaled from 30% to -10%. The density porosity curve is the blue curve from 30% to -10%. The cross-section identifies tops used to evaluate reservoirs and landing targets for the State 2408 32A Com No. 2H, 1H and 3H wells. Perfs in the vertical wells are shown by the pink boxes in the depth track and indicate historic targets. The reservoir in this area has constant thickness and reservoir facies.
- 7. **Exhibit 10** is a Gross Isopach map from the Basal Niobrara to the Base Gallup picks. The contour intervals are 5 ft each. This map shows the location of the State 2408 32A Com spacing unit outlined by the red box and the surface/bottom hole locations of the State 2408 32A Com 2H, 1H and 3H wells. The anticipated gross thickness of the interval is 140 ft. through the entire Horizontal Spacing Unit. The location of the previous cross-section from A-A' is also shown on this map.
  - 8. Based on my geologic study of the area, I conclude the following:

- a. The horizontal spacing unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter-quarter section in the unit will contribute more or less equally to production.
- d. The preferred well orientation for the proposed unit in this area is east-west. This is because the inferred orientation of the maximum horizontal stress is roughly northwest-southeast.
- e. The reserves underlying the proposed unit can be efficiently and economically developed by the three wells.
- 9. The Exhibits to this Affidavit were prepared by me, or compiled from LOGOS's company business records.
- 10. The granting of this Application is in the interests of conservation and the prevention of waste.
  - 11. The foregoing is correct and complete to the best of my knowledge and belief.

# FURTHER AFFIANT SAYETH NAUGHT

TREYOR GATES

STATE OF NEW MEXICOS

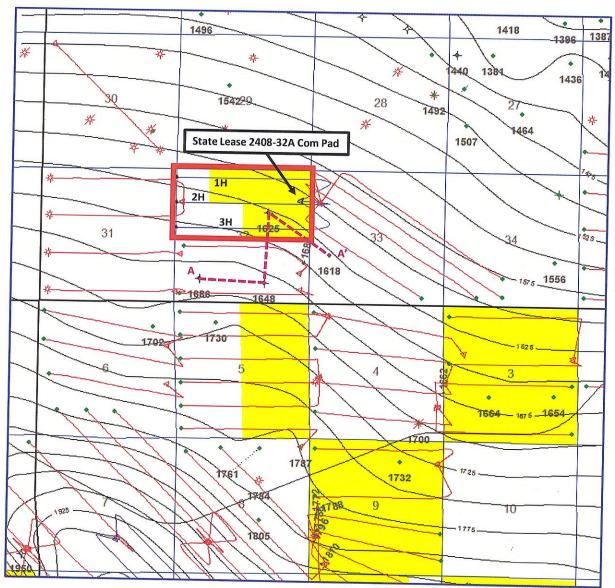
COUNTY OF SAN JUAN ()
BOULDEN

Subscribed to and sworn before me this 2017 day of April, 2019.

Notary Public

My Commission expires SEP3072 2021

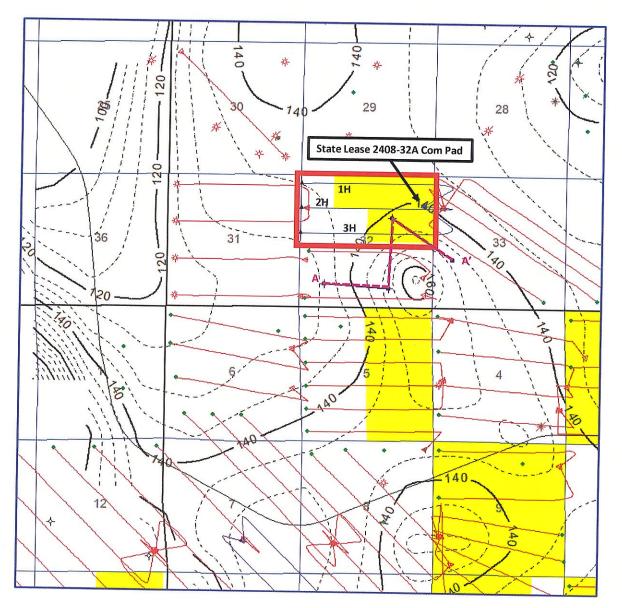
FAWZIA A SHAH NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20134034113 MY COMMISSION EXPIRES SEPTEMBER S0, 2021

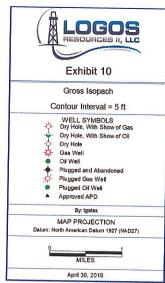






### COUNTY OF THE PROPERTY OF





# STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LOGOS OPERATING, LLC FOR COMPULSORY POOLING, SAN JUAN COUNTY, NEW MEXICO

**CASE NO. 20413** 

# **AFFIDAVIT OF NOTICE**

STATE OF NEW MEXICO )
COUNTY OF SANTA FE ) ss.
J. Scott Hall, attorney and authorized representative of LOGOS Operating, LLC, the
Applicant in this matter, being first duly sworn, upon oath states that he sent or caused to be sent
copies of the Application in this matter to the parties as specified on the attached Exhibit A.
J. SCOTT HALL
CLIDCODIDED AND CHIODNIA 1 C 1. 1144
Dia M. Luna
My Commission Expires:  Notary Public
OFFICIAL SEAL Diana M. Luna NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires: 05 03/2/

### Lessee of Record

GE Oil & Gas PCM, LLC 3250 Briarpark Dr., Suite 100 Houston, TX 77024

# Working Interest Owners

Hilcorp San Juan, L.P. \* 1111 Travis Street Houston, TX 77002

Southland Royalty Company, LLC \* 400 West 7<sup>th</sup> Street Ft. Worth, TX 76102

\*(Title subject to verification.)

### Land Management Agencies

New Mexico State Land Office P. O. Box 1148 Santa Fe, NM 87504

Bureau of Land Management 6251 College Blvd., Suite A Farmington, NM 87402

# Owners of Overriding Royalty Interests

Charles B. Gonsales P. O. Drawer 2509 Santa Fe, NM 87504-2509

Jimski, Inc. 129 Mateo Circle N Santa Fe, NM 87501

Mazzola & Co. 14624 Fenton Street Broomfield, CO 80020

John Zacharias Grace 8033 West Sunset Blvd., No. 1004 Los Angeles, CA 90046

Winston Grace 4940 NW 65<sup>th</sup> Avenue Lauderhill, FL 33319

Corrine Yvonne Sumner P. O. Box 874402 Wasilla, AK 99687

Michael Grace Apdo. 121-6000 Puriscal, Costa Rica

Israel Children's Centers Foundation f/k/a Israel Tennis Centers Association, Inc. 3275 W. Hillsboro Blvd., Suite 102 Deerfield Beach, FL 33442

Media Fellowship International Attn: Pastor Robert Rieth 7210 NE 149<sup>th</sup> Place Kenmore, WA 98028

Boys and Girls Harbor Attn: Colette Davenport One East 104<sup>th</sup> Street New York, NY 10029 World Alliance for Peace Attn: Dr. Malcom Wilson 53 Royal Sands Beach Road Weston Super Mare BS23 4NH United Kingdom

Christ in You the Hope of Glory Attn: Joanne Petronella 1051 Site Drive No. 271 Brea, CA 92821

Enduring Resources IV, LLC 1050 17<sup>th</sup> Street, Suite 2500 Denver, CO 80265

### Offset Operators

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

Dugan Production Corporation 709 East Murray Drive Farmington, NM 87499

DJR Operating, LLC 1600 N. Broadway, Suite 1960 Denver, CO 80202

# **Land Management Agencies**

New Mexico State Land Office P. O. Box 1148 Santa Fe, NM 87504

Bureau of Land Management 6251 College Blvd., Suite A Farmington, NM 87402



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

April 9, 2019

# VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL WORKING INTEREST OWNERS ON THE ATTACHED LIST

Re: NMOCD Case No. 20413: Application of LOGOS Operating, LLC for Compulsory Pooling, San Juan County, New Mexico

Dear Sir or Madam:

This will advise that LOGOS Operating, LLC has filed an Application with the New Mexico Oil Conservation Division for an order pooling all interests in the Gallup formation underlying the N/2 of Section 32, Township 24 North, Range 8 West, NMPM in San Juan County, New Mexico. The unit will be dedicated to three wells to be drilled by Applicant in the Gallup formation as follow: (1) the State 2408 32A Com No. 1H (infill well) at an approximate surface hole location in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the NW/4 NW/4 (Unit D); (2) the State 2408 32A Com No. 2H (defining well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E); and (3) the State 2408 32A Com No. 3H (infill well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E), all in Section 32. The producing intervals of all three wells will be orthodox. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost, the designation of LOGOS as Operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells.

A copy of the Application for hearing is enclosed.

April 9, 2019 Page 2

This Application will be set for hearing before a Division Examiner on May 2, 2019, at 8:15 a.m. at the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging this application at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 19.15.4.13.

Very truly yours,

1.5. TGU

J. Scott Hall

Cc: New Mexico State Land Office Bureau of Land Management

**JSH** 

Enclosure

### Lessee of Record

GE Oil & Gas PCM, LLC 3250 Briarpark Dr., Suite 100 Houston, TX 77024

## **Working Interest Owners**

Hilcorp San Juan, L.P. \* 1111 Travis Street Houston, TX 77002

Southland Royalty Company, LLC \* 400 West 7<sup>th</sup> Street Ft. Worth, TX 76102

\*(Title subject to verification.)

#### Land Management Agencies

New Mexico State Land Office P. O. Box 1148 Santa Fe, NM 87504

Bureau of Land Management 6251 College Blvd., Suite A Farmington, NM 87402

# STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LOGOS OPERATING, LLC FOR COMPULSORY POOLING, SAN JUAN COUNTY, NEW MEXICO

Case No. 20413

## APPLICATION

LOGOS Operating, LLC ("LOGOS") applies for an order pooling all interests in the Gallup formation, Nageczi-Gallup Oil Pool (47540; Order No. R-5339), underlying the N/2 of Section 32, Township 24 North, Range 8 West, NMPM, San Juan County, New Mexico. In support thereof, LOGOS states:

- 1. Applicant is an interest owner in the N/2 of Section 32 and has the right to drill thereon.
- 2. LOGOS proposes to drill three wells to depths sufficient to test and develop the Gallup formation as follows:
- a. LOGOS plans to drill the State 2408 32A Com No. 1H (infill well) at an approximate surface hole location in the NE/4 NE/4 of Section 32-T24N-R8W (Unit A) with an estimated bottom hole location in the NW/4 NW/4 (Unit D) of Section 32.
- b. LOGOS plans to drill the State 2408 32A Com No. 2H (defining well) at an approximate surface hole location in the NE/4 NE/4 of Section 32-T24N-R8W (Unit A) with an estimated bottom hole location in the SW/4 NW/4 of Section 32 (Unit E).
- c. LOGOS plans to drill the State 2408 32A Com No. 3H (infill well) at an approximate surface hole location in the NE/4 NE/4 of Section 32-T24N-R8W (Unit A) with an estimated bottom hole location in the SW/4 NW/4 of Section 32 (Unit E).

- 3. The producing interval of each well will be located within the setbacks established for horizontal oil wells.
- 4. Applicant seeks to dedicate the N/2 of Section 32 to form a 320-acre ± horizontal spacing unit in the Gallup formation within the Nageezi-Gallup Oil Pool. The horizontal spacing unit is comprised of three state oil and gas leases which will be subject to a New Mexico State Land Office Communitization Agreement. Applicant expects to receive preliminary approval of such Communitization Agreement in advance of the hearing in this matter.
- 5. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the Gallup formation in the proposed spacing unit for the purposes set out herein.
- 6. Although Applicant has attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, Applicant seeks an order pooling all mineral interest owners in the Gallup formation, Nageezi-Gallup Oil Pool. Applicant seeks to dedicate the N/2 of Section 32 pursuant to NMSA 1978, §§ 70-2-17, 18.
- 7. Approval of the horizontal spacing unit and the pooling of all mineral interests in the Gallup formation, Nageczi-Gallup Oil Pool, underlying the N/2 of Section 32 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHERFORE, Applicant requests that this application be set for hearing on May 2, 2019 and that, following notice and hearing, the Division enter its order:

A. Approving a horizontal spacing unit coterminous with the communitized area;

- B. Pooling all mineral interests in the N/2 of Section 32, Township 24 North, Range 8 West, NMPM, San Juan County, New Mexico;
  - C. Designating LOGOS Operating, LLC as operator of the wells;
- D. Considering the cost of drilling and completing the wells, an allocating the among the wells' working interest owners or mineral interest owners;
- E. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner or mineral interest owner elects not to participate in the wells.

Respectfully submitted,

J. Scott Hall

Post Office Box 1946 Santa Fe, NM 87504-1946

(505) 670-7362

shall@logosresourceslic.com

Attorney for LOGOS Operating, LLC and LOGOS Resources II, LLC

Case No. 2091.3: Application of Logos Operating, LLC for Compulsory Pooling, San Juan County, New Mexico. Applicant seeks an order pooling all interests in the Gallup formation underlying the N/2 of Section 32, Township 24 North, Range 8 West, NMPM in San Juan County, New Mexico. Applicant seeks to establish a 320-acre horizontal spacing unit in the Nageezi-Gallup Oil Pool (47540; Order No. R-5339) in the N/2 of Section 32. The unit will be subject to a state communitization agreement and will be dedicated to three wells to be drilled by Applicant as follow: (1) the State 2408 32A Com No. 1H (infill well) at an approximate surface hole location in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the NW/4 NW/4 (Unit D); (2) the State 2408 32A Com No. 2H (defining well) at an approximate surface hole location in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E); and (3) the State 2408 32A Com No. 3H (infill well) at an approximate surface hole location in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E), all in Section 32. The producing intervals of all three wells will be orthodox. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost, the designation of Operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 2 miles northeast of Nageezi, New Mexico.

LOGOS Resources LLC. Attn: Scott Hall 2010 Afton Place Farmington, NM 87401 CERTIFIED MAIL.



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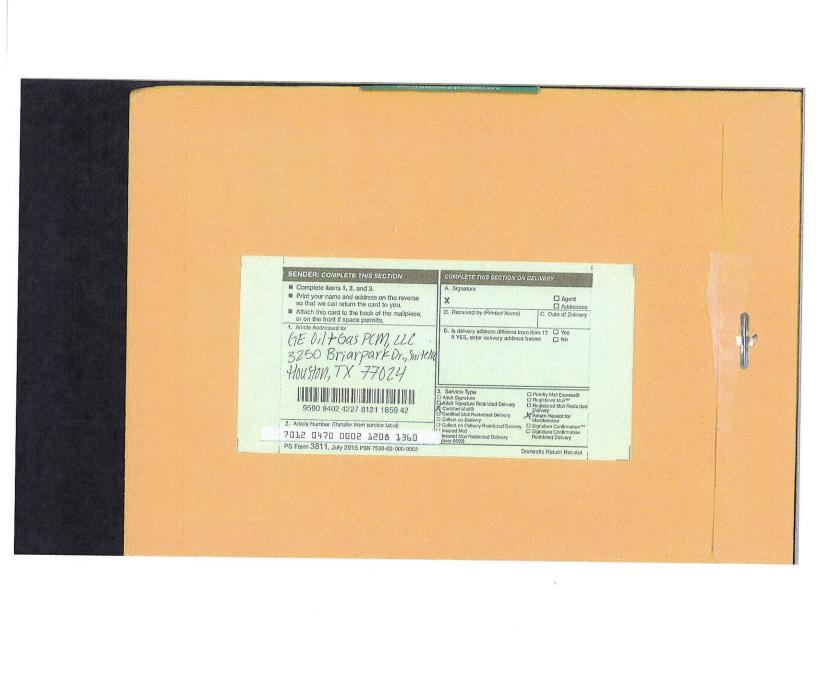
RETURN RECEIPT REQUESTED

GE Oil & Gas PCM, LLC 3250 Briarpark Dr., Suite 100 Houston, TX 77027

R-T-S- 770423023-1N

04/24/19

UNABLE TO FORWARD UNABLE TO FORWARD UNABLE TO FORWARD RETURN TO SENDER



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PS Form 3811, July 2015 PSN 7530-02-000-9053		omestic Return Receipt



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

April 9, 2019

April 9, 2019

## VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL OFFSET OPERATORS ON THE ATTACHED LIST

Re: NMOCD Case No. 20413: Application of LOGOS Operating, LLC for Compulsory Pooling, San Juan County, New Mexico

## Dear Sir or Madam:

This will advise that LOGOS Operating, LLC has filed an Application with the New Mexico Oil Conservation Division for an order pooling all interests in the Gallup formation underlying the N/2 of Section 32, Township 24 North, Range 8 West, NMPM in San Juan County, New Mexico. The unit will be dedicated to three wells to be drilled by Applicant in the Gallup formation as follow: (1) the **State 2408 32A Com No. 1H** (infill well) at an approximate surface hole location in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the NW/4 NW/4 (Unit D); (2) the **State 2408 32A Com No. 2H** (defining well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E); and (3) the **State 2408 32A Com No. 3H** (infill well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E), all in Section 32. The producing intervals of all three wells will be orthodox. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost, the designation of LOGOS as Operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. Please note: You are being notified in your capacity as an offset operator only.

A copy of the Application for hearing is enclosed.

This Application will be set for hearing before a Division Examiner on May 2, 2019, at 8:15 a.m. at the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging this application at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 19.15.4.13.

Very truly yours,

7.5. UGU

J. Scott Hall

JSH

Enclosure

## Offset Operators

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

Dugan Production Corporation 709 East Murray Drive Farmington, NM 87499

DJR Operating, LLC 1600 N. Broadway, Suite 1960 Denver, CO 80202

### Land Management Agencies

New Mexico State Land Office P. O. Box 1148 Santa Fe, NM 87504

Bureau of Land Management 6251 College Blvd., Suite A Farmington, NM 87402

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete Items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  A. Signature  A. Signature  A. Addr.  B. Received by (Printed Name)  C. Date of Delive.
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#### SENDER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY A. Signature Complete Items 1, 2, and 3. Print your name and address on the reverse **D** Agent so that we can return the card to you. ☐ Addressee Attach this card to the back of the mailplece, B, Fleceived by (Printed Name) Date of Delivery Vingningli or on the front if space permits. 6 1. Article Addressed to: D. Is delivery address different from Item 1? If YES, enter delivery address below: DJR Operating, LLC 1400 N. Bradway, Suite 1940 Denver, CO 80202 ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ 3. Service Type ☐ Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery Collect on Delivery Collect on Delivery Cellect on Delivery Restricted Delivery 9590 9402 4227 8121 1858 98 2. Article Number (Transfer from service label) Insured Mail Insured Mail Restricted Delivery (over \$500) ☐ Signature Confirmation Restricted Delivery 7015 0470 0002 1508 1315 PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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1. Article Addressed to: NEW MEXICO State Land Office P.O. BOX 1148 SantazFe, NM 87504	D. Is delivery address different from if YES, enter delivery address be	
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PS Form 3811, July 2015 PSN 7530-02-000-9053	Do	mestic Return Receipt

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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@logosresourceslic.com

April 9, 2019

## VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL OVERRIDING ROYALTY INTEREST OWNERS ON THE ATTACHED LIST

Re: NMOCD Case No. 20413: Application of LOGOS Operating, LLC for Compulsory Pooling, San Juan County, New Mexico

Dear Sir or Madam:

This will advise that LOGOS Operating, LLC has filed an Application with the New Mexico Oil Conservation Division for an order pooling all interests in the Gallup formation underlying the N/2 of Section 32, Township 24 North, Range 8 West, NMPM in San Juan County, New Mexico. The unit will be dedicated to three wells to be drilled by Applicant in the Gallup formation as follow: (1) the **State 2408 32A Com No. 1H** (infill well) at an approximate surface hole location in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the NW/4 NW/4 (Unit D); (2) the **State 2408 32A Com No. 2H** (defining well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E); and (3) the **State 2408 32A Com No. 3H** (infill well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E), all in Section 32. The producing intervals of all three wells will be orthodox. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost, the designation of LOGOS as Operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells.

April 9, 2019 Page 2

A copy of the Application for hearing is enclosed. Please note that LOGOS does not seek the recovery of well costs from overriding royalty interests, but only their consolidation in the unit for the wells.

This Application will be set for hearing before a Division Examiner on May 2, 2019, at 8:15 a.m. at the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging this application at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 19.15.4.13.

Very truly yours,

7. S. UGU

J. Scott Hall

JSH

Enclosure

## Owners of Overriding Royalty Interests

Charles B. Gonsales P. O. Drawer 2509 Santa Fe, NM 87504-2509

Jimski, Inc. 129 Mateo Circle N Santa Fe, NM 87501

Mazzola & Co. 14624 Fenton Street Broomfield, CO 80020

John Zacharias Grace 8033 West Sunset Blvd., No. 1004 Los Angeles, CA 90046

Winston Grace 4940 NW 65<sup>th</sup> Avenue Lauderhill, FL 33319

Corrine Yvonne Sumner P. O. Box 874402 Wasilla, AK 99687

Michael Grace Apdo. 121-6000 Puriscal, Costa Rica

Israel Children's Centers Foundation f/k/a Israel Tennis Centers Association, Inc. 3275 W. Hillsboro Blvd., Suite 102 Deerfield Beach, FL 33442

Media Fellowship International Attn: Pastor Robert Rieth 7210 NE 149<sup>th</sup> Place Kenmore, WA 98028

Boys and Girls Harbor Attn: Colette Davenport One East 104<sup>th</sup> Street New York, NY 10029 World Alliance for Peace Attn: Dr. Malcom Wilson 53 Royal Sands Beach Road Weston Super Mare BS23 4NH United Kingdom

Christ in You the Hope of Glory Attn: Joanne Petronella 1051 Site Drive No. 271 Brea, CA 92821

Enduring Resources IV, LLC 1050 17<sup>th</sup> Street, Suite 2500 Denver, CO 80265

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#### SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. A. Signature Agent Print your name and address on the reverse so that we can return the card to you. ☐ Addressee B. Received by (Printed Name) C. Date of Delivery M Attach this card to the back of the mailpiece, W or on the front if space permits. 1. Article Addressed to: Media Fellowship Mernational D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: Hothy: Pastor Robert Rieth 7210 NE 149th Place Kenmore, WA 98028 3. Service Type ☐ Priority Mall Express® ☐ Registered Mall™ 3. Service Type □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail Restricted Delivery ☐ Registered Mall™ ☐ Registered Mall Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery

☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

☐ Insured Mall
☐ Insured Mail Restricted Delivery (over \$500)

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2. Article Number (Transfer from service label)

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PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

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## AFFIDAVIT OF PUBLICATION

Ad No. 0001283075

LOGOS RESOURCES, LLC 2010 AFTON PLACE

FARMINGTON NM 87401

I, being duly sworn say: THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newsaper duly

qualified for the purpose within the State of New Mexico for publication and appeared in the internet at The Daily Times web site on the following days(s):

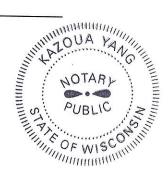
04/15/19

Subscribed and sworn before me this 15th of April 2019.

State of WI, County of Brown

My Commission Expire

Ad#:0001283075 P O : # of Affidavits :0.00



#### NOTICE

To the following entities, individuals, their heirs, personal representatives, trustees, successors or assigns:

GE Oil & Gas PCM LLC, Charles B. Gonsales, Jimski, Inc., Mazzola & Co., John Zacharias Grace. Winston Grace, Corrine Yvonne Sumner, Michael Grace, Israel Tennis Centers Association, Inc., Media Fellowship International, World Alliance for Peace, Boys and Girls Harbor, Christ In You the Hope of Glory.

LOGOS Operating, LLC has filed an Application with the New Mexico Oil Conservation Division as follows: Case No. 20413: Application of Logos Operating, LLC for Compulsory Pooling, San Juan County, New Mexico. Applicant seeks an order pooling all interests in the Gallup formation in a horizontal spacing unit underlying the N/2 of Section 32, Township 24 North, Range 8 West, NMPM in San Juan County, New Mexico. The unit will be dedicated to three wells to be drilled by Applicant in the Gallup formation as follow: (1) the State 2408 32A Com No. 1H (infill well) at an approximate surface hole location in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the NW/4 NW/4 (Unit D); (2) the State 2408 32A Com No. 2H (defining well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E); and (3) the State 2408 32A Com No. 3H (infill well) at an approximate surface hole in the NE/4 NE/4 (Unit A) with an estimated bottom hole location in the SW/4 NW/4 (Unit E), all in Section 32. The producing intervals of all three wells will be orthodox. Also to be considered will be the cost of drilling and completing the wells and the allocation of the wells, and a 200% charge for the risk involved in drilling and completing the wells.

This Application is scheduled for hearing on May 2, 2019, at 8:15 a.m. at the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging this application at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 19.15.4.13.

For further information, contact the Applicant's attorney, J. Scott Hall, LOGOS Resources II, LLC, P.O. Box 1946, Santa Fe, New Mexico 87504 (505) 3C3-7236.

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Case No. 20413 May 16, 2019 LOGOS Operating, LLC Exhibit No. 13