

RECEIVED

AUG 31 2017

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office  
Bureau of Land Management

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

LOGOS Operating, LLC

3a. Address 2010 Afton Place  
Farmington, NM 87401

3b. Phone No. (include area code)  
(505) 324-4145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
471' FNL 564' FWL, NW/NW, D Sec 14, T24N, R07W

5. Lease Serial No. NMNM117567

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.  
NMNM136953

8. Well Name and No. Escrito D14 2407 Com 1H

9. API Well No. 30-039-31231

10. Field and Pool or Exploratory Area  
Escrito Gallup (Associated)

11. Country or Parish, State  
Rio Arriba County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Off Lease Measurement
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

LOGOS Operating is requesting Off Lease Measurement approval for the Escrito D14 2407 Com 1H gas production. LOGOS has obtained Right-of-Way Grant NMNM131473 to build a natural gas pipeline from the well pad to a tie in point on Enterprise pipeline located in SW4 of Section 12, T24N, R07W which is on federal surface. Timely completion of the gas line will reduce emissions and provide royalty income to the MMS.

LOGOS owns 100% working interest, no notification is required.

Approval has been requested from the NM Oil Conservation Division, see attached.

Attachments: Justification, Topo map, Surface ownership map, Right-of Way Grant, C-102 plat, Pipeline plat

OIL CONS. DIV DIST. 3

SEP 08 2017

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Tamra Sessions

Regulatory Specialist

Title

Signature

Tamra Sessions

Date

08/30/2017

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

William Tambekou

Title

Petroleum Engineer

Date

9/5/2017

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

bf  
NMOC Accepted For Record

16



2010 Afton Place  
Farmington, NM 87401  
Phone: (505) 324-4145  
Fax: (505) 326-6112

---

August 30, 2017

LOGOS Operating, LLC is requesting Off Lease Measurement (OLM) approval for the gas production from the Escrito D14 2407 Com 1H horizontal new drill. The gas is to be delivered at an Enterprise custody transfer meter located northeasterly of the well pad and off the producing federal communitized area (CA). The FMPs for the gas and oil will be applied for with separate sundries.

The wellhead is located at 36.318884°N, 107.552228°W in the NWNW4 of section 14, T24N, R07W. The CA – NMNM136953 encompasses the NE4 of section 16 and the N2 of section 15. The pipeline leaves the well pad (located in the NWNW4 of section 14) in a northeasterly direction and crosses sections 14, 11 and into section 12 where it ties into an Enterprise line on federal surface managed by the BLM. LOGOS has obtained Right-of-Way Grant NMNM131473 to build the off lease pipeline.

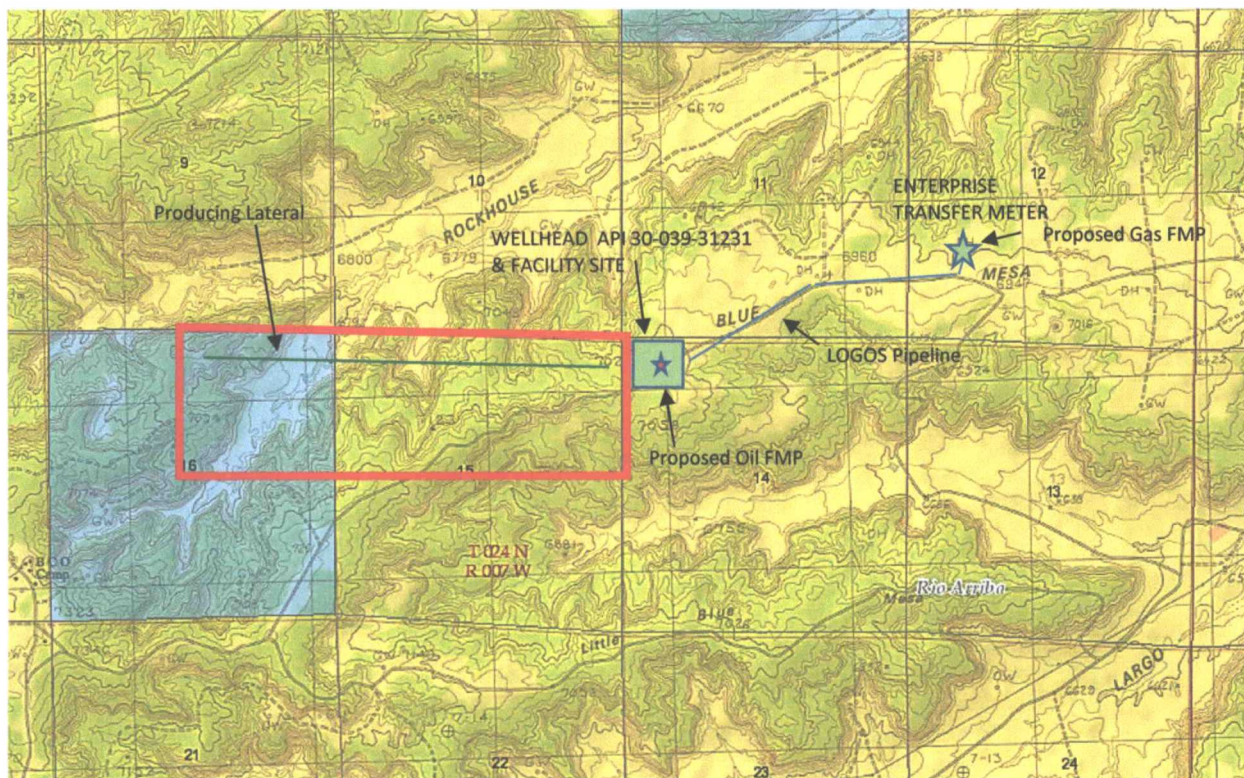
Pending the timely connection of the well to a gas-gathering facility, LOGOS Operating, LLC obtained ROW and installed approximately 6,400' of welded steel natural gas pipeline to a connection point on the Enterprise Field Services system that would cause the least additional disturbance. Enterprise actively working to install the custody transfer natural gas meter at this point. This will allow LOGOS to comply timely with the Waste Minimization Plan and to prevent the flaring or venting of casing head gas beyond the time required for initial flow back and cleanup of the well. This well will be the only well connected to the LOGOS pipeline and the Enterprise custody transfer meter; and will not be commingled with any other source, so no allocation will be required. The Enterprise custody transfer meter will be located off the Lease boundary, but no physical losses will occur between the well site and the custody transfer due to the pipeline being a closed system. The pipeline is coated to prevent corrosion and was hydro tested to ensure the mechanical integrity of the line. LOGOS will perform periodic inspection to ensure that no losses occur.

LOGOS does not propose to use production from the lease (CA) as fuel at the off lease measurement point.

The oil production will be measured, stored and sold via truck at the well site in the NWNW4 of section 14, which is not considered off the lease for a horizontal well. LOGOS has obtained Right-of-Way Grant NMNM131472 to build the well pad off the lease.

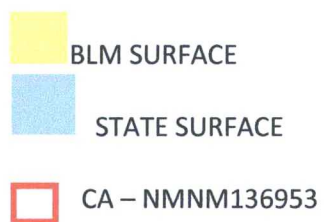
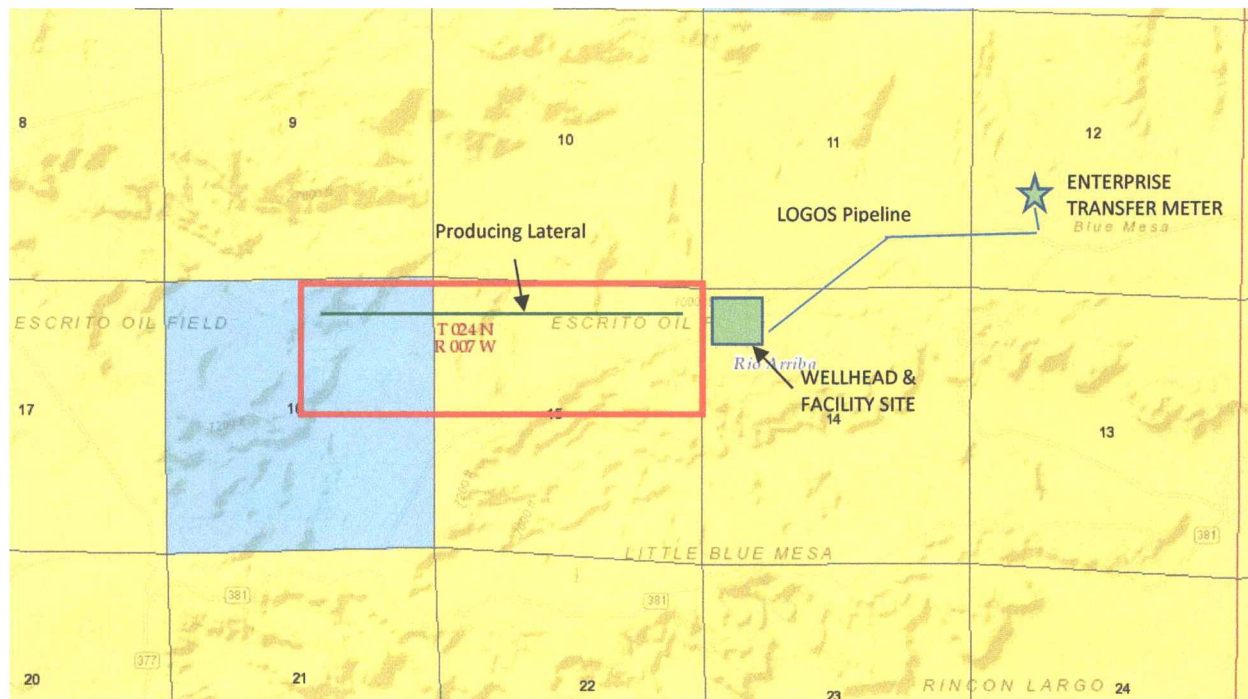


Escrito D14 2407 1H: TOPO MAP; LEASE & CA BOUNDARY, FACILITIES, PIPELINE  
UL D, Sec 14, T24N, R07W, LAT/LONG 36.318884, 107.552228



CA - NMNM136953

ESCRITO D14 2407 1H: SURFACE OWNERSHIP IS BLM  
UL D, Sec 14, T24N, R07W, LAT/LONG 36.318884, 107.552228



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RIGHT-OF-WAY GRANT/TEMPORARY USE PERMIT

Issuing Office  
Farmington Field Office

Serial Number  
NMNM 131472

1. A (right-of-way) (permit) is hereby granted pursuant to:

- a. ☐ Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
- b. ☒ Section 28 of the Mineral Leasing Act of 1920, as amended (30 U.S.C. 185);
- c. ☐ Other (describe) \_\_\_\_\_

2. Nature of Interest:

- a. By this instrument, the holder Encana Oil & Gas (USA) Inc., 370 17th Street, Suite 1700, Denver, CO 80202 receives a right to construct, operate, maintain, and terminate a <sup>\*</sup> \_\_\_\_\_ on public lands (or Federal land for MLA Rights-of-Way) described as follows:

<sup>\*</sup> an off lease well pad for the Escrito D14-2407 #01H, and 02H wells. The well pad is 430 feet wide by 300 feet long and includes a 50 feet construction zone around the perimeter of the well pad containing 4.91 acres more or less.

T. 24 N., R. 7 W., NMPM, Rio Arriba County, New Mexico

Sec. 14, NW/4NW/4;

- b. The right-of-way or permit area granted herein is N/A feet wide, N/A feet long and contains N/A acres, more or less. If a site type facility, the facility contains 4.91 acres.
- c. This instrument shall terminate on December 31, 2043, NTE 30 years from its effective date unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.
- d. This instrument ☒ may ☐ may not be renewed. If renewed, the right-of-way or permit shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.
- e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

(Continued on page 2)



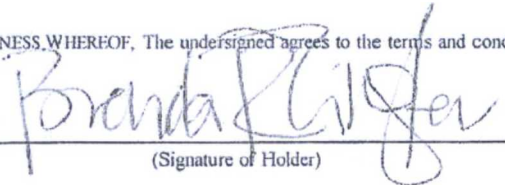
3. Rental:

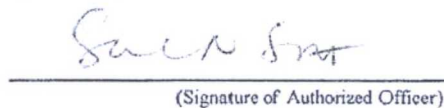
For and in consideration of the rights granted, the holder agrees to pay the Bureau of Land Management fair market value rental as determined by the authorized officer unless specifically exempted from such payment by regulation. Provided, however, that the rental may be adjusted by the authorized officer, whenever necessary, to reflect changes in the fair market rental value as determined by the application of sound business management principles, and so far as practicable and feasible, in accordance with comparable commercial practices.

4. Terms and Conditions:

- a. This grant or permit is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800 and 2880.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 180 days, or otherwise disposed of as provided in paragraph (4)(d) or as directed by the authorized officer.
- c. Each grant issued pursuant to the authority of paragraph (1)(a) for a term of 20 years or more shall, at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way or permit granted herein may be reviewed at any time deemed necessary by the authorized officer.
- d. The stipulations, plans, maps, or designs set forth in Exhibit(s) COA and cultural stipulations, dated July 31, 2014, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant or permit shall constitute grounds for suspension or termination thereof.
- f. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant or permit.

  
(Signature of Holder)

  
(Signature of Authorized Officer)

Regulatory Specialist

(Title)

08/14/14

(Date)

Supervisory Multi Resources Specialist

(Title)

9/16/14

(Effective Date of Grant)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**RIGHT-OF-WAY GRANT**

**NMNM 131473**

---

1. A right-of-way is hereby granted pursuant to Section 28 of the Mineral Leasing Act of 1920, as amended (30 U.S.C. 185).

2. Nature of Interest:

- a. By this instrument, the holder:

Logos Resources II, LLC  
**2010Afton Place**  
Farmington, NM 87401

receives the right to construct, operate, maintain, and terminate the Escrito D14-2407 Natural Gas Pipeline on public land located within the following legal description:

New Mexico Principal Meridian, New Mexico,  
T. 24 N., R. 7 W.,  
sec. 11, SE1/4SW1/4, and S1/2SE1/4;  
sec. 12, SW1/4SW1/4;  
sec. 14, N1/2NW1/4.

- b. The amended portion is an area 11,056.3-feet (2.09 miles) in length and 40-feet in width consisting of 10.153 acres, more or less. Right-of-way NMNM 131473, as amended is now, 6,415.2-feet in length and 30-feet in width encompassing a total of 4.418 acres.
    - c. This instrument shall terminate on December 31, 2043, unless prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.
    - d. This instrument may/may not be renewed. If renewed, the right-of-way shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.
    - e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

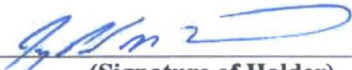

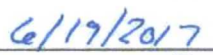
3. Rental:

- a. For and in consideration of the rights granted, the holder agrees to pay the Bureau of Land Management fair market value rental as determined by the authorized officer unless specifically exempted from such payment by regulation. Provided, however, that the rental may be adjusted by the authorized officer, whenever necessary, to reflect changes in the fair market rental value as determined by the application of sound business management principles, and so far as practicable and feasible, in accordance with comparable commercial practices.

4. Terms and Conditions:

- a. This grant is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800 and 2880.
- b. Upon termination by the authorized officer, all improvements shall be removed from the public lands within 180 days or otherwise disposed of as provided in paragraph (4)(d) or as directed by the authorized officer.
- c. Each grant issued pursuant to the authority of paragraph (1) for a term of 20 years or more, shall at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way granted herein may be reviewed at any time deemed necessary by the authorized officer.
- d. The stipulations, plans, maps, or designs set forth in Exhibit A (Stipulations), attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant shall constitute grounds for suspension or termination thereof.
- f. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.
- g. This decision does not authorize open pits on the right-of-way.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant.

  
\_\_\_\_\_  
(Signature of Holder)  
  
  
\_\_\_\_\_  
(Title)  
  
  
\_\_\_\_\_  
(Date)  
  
\_\_\_\_\_

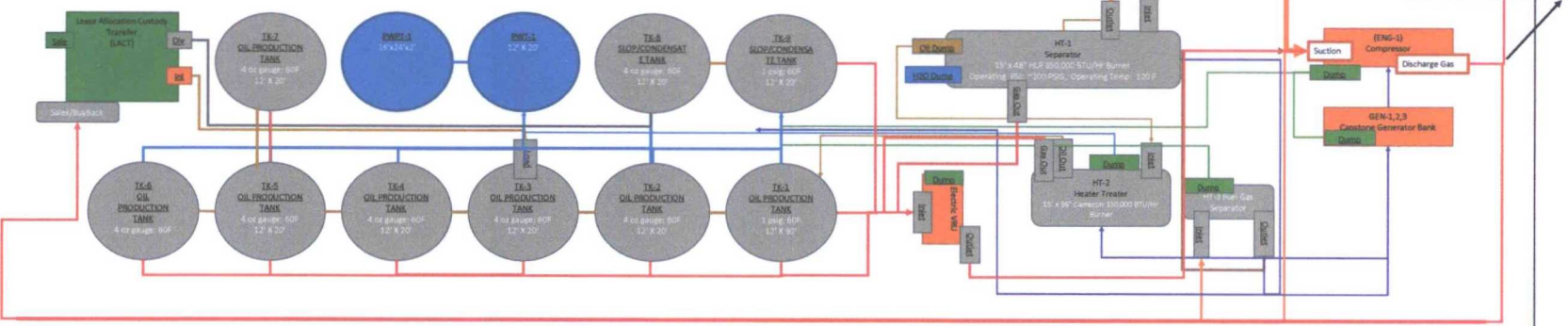
  
\_\_\_\_\_  
(Signature of BLM Authorized Officer)  
  
Farmington Field Manager  
\_\_\_\_\_  
(Title)  
  
JUN 20 2017  
\_\_\_\_\_  
(Signature Date)  
  
JUN 20 2017  
\_\_\_\_\_  
(Effective Date of Grant)





ESCRITO D14 2407 1H

- ENG-1 COMPRESSOR ENGINE
- GEN-1,2,3 CAPSTONE GENERATORS
- HT-1 SEPARATOR BURNER
- HT-2 HEATER TREATER BURNER
- HT-3 FUEL GAS SEPARATOR BURNER
- TK-1 600 BBL OIL PRODUCTION TANK
- TK-2,3,4,5,6, 7 400 BBL OIL PRODUCTION TANKS
- TK-8,9 400 BBL CONDENSATE TANKS
- FUG-1 FUGITIVE EMISSIONS
- PWT-1 400 BBL PRODUCED WATER TANK
- PWPT-1 120 BBL PRODUCED WATER OPEN TOP PIT



DISTRICT I  
N. French Dr., Hobbs, N.M. 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II  
611 S. First St., Artesia, N.M. 88210  
Phone: (505) 748-1283 Fax: (505) 748-9720

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

DISTRICT IV  
S. St. Francis Dr., Santa Fe, NM 87505  
(505) 478-3480 Fax: (505) 478-3482

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**

<sup>1</sup> API Number 30-039-31231	<sup>2</sup> Pool Code 22619	<sup>3</sup> Pool Name ESCRITO GALLUP (ASSOCIATED)
<sup>4</sup> Property Code 317800	<sup>5</sup> Property Name ESCRITO D14-2407 COM	<sup>6</sup> Well Number 01H
<sup>7</sup> OGRID No. 289408	<sup>8</sup> Operator Name LOGOS OPERATING, LLC	<sup>9</sup> Elevation 7034

<sup>10</sup> Surface Location

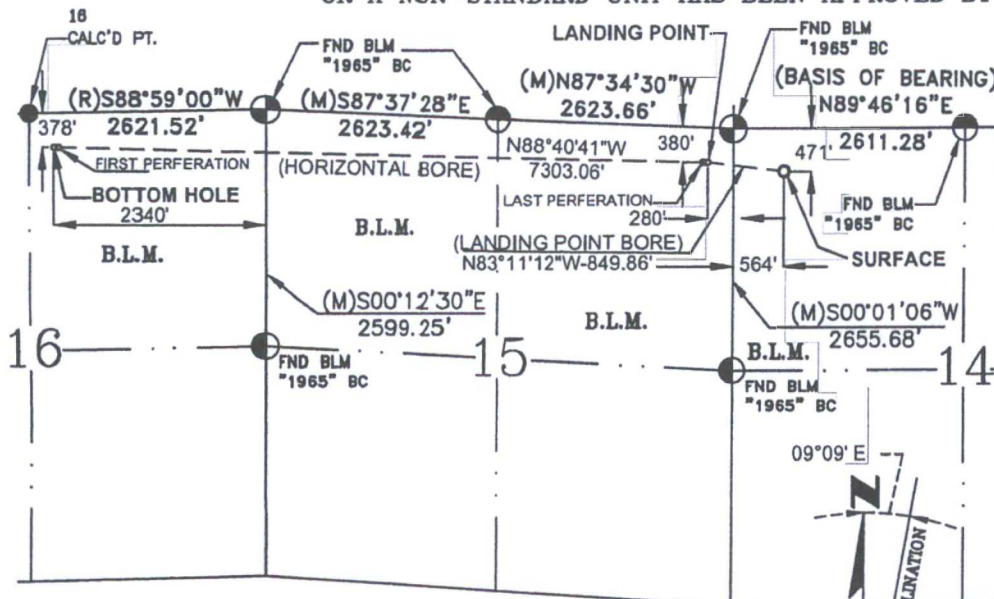
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	24-N	7-W		471	NORTH	564	WEST	RIO ARriba

<sup>11</sup> 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	16	24-N	7-W		378	NORTH	2340	EAST	RIO ARriba

<sup>12</sup> Dedicated Acres 480 ACRES= N/2 SEC 15 & NE/4 SEC 16	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

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



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

LATITUDE: 36.319626° N  
LONGITUDE: 107.579865° W  
NAD83

**BASIS OF BEARING:**

TWEEN 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 89°46'16\" E A DISTANCE OF 2611.28 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.

**LANDING POINT**  
LATITUDE: 36°19.1490' N  
LONGITUDE: 107°33.2691' W  
NAD27

LATITUDE: 36.319161° N  
LONGITUDE: 107.555091° W  
NAD83

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

LATITUDE: 36.318884° N  
LONGITUDE: 107.552228° W  
NAD83

**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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

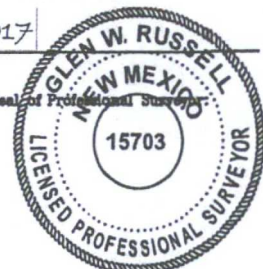
*Tamra Sessions* 5-2-17  
Signature Date  
Tamra Sessions  
Printed Name  
tsessions@logosresourcesllc.com  
E-mail Address

**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

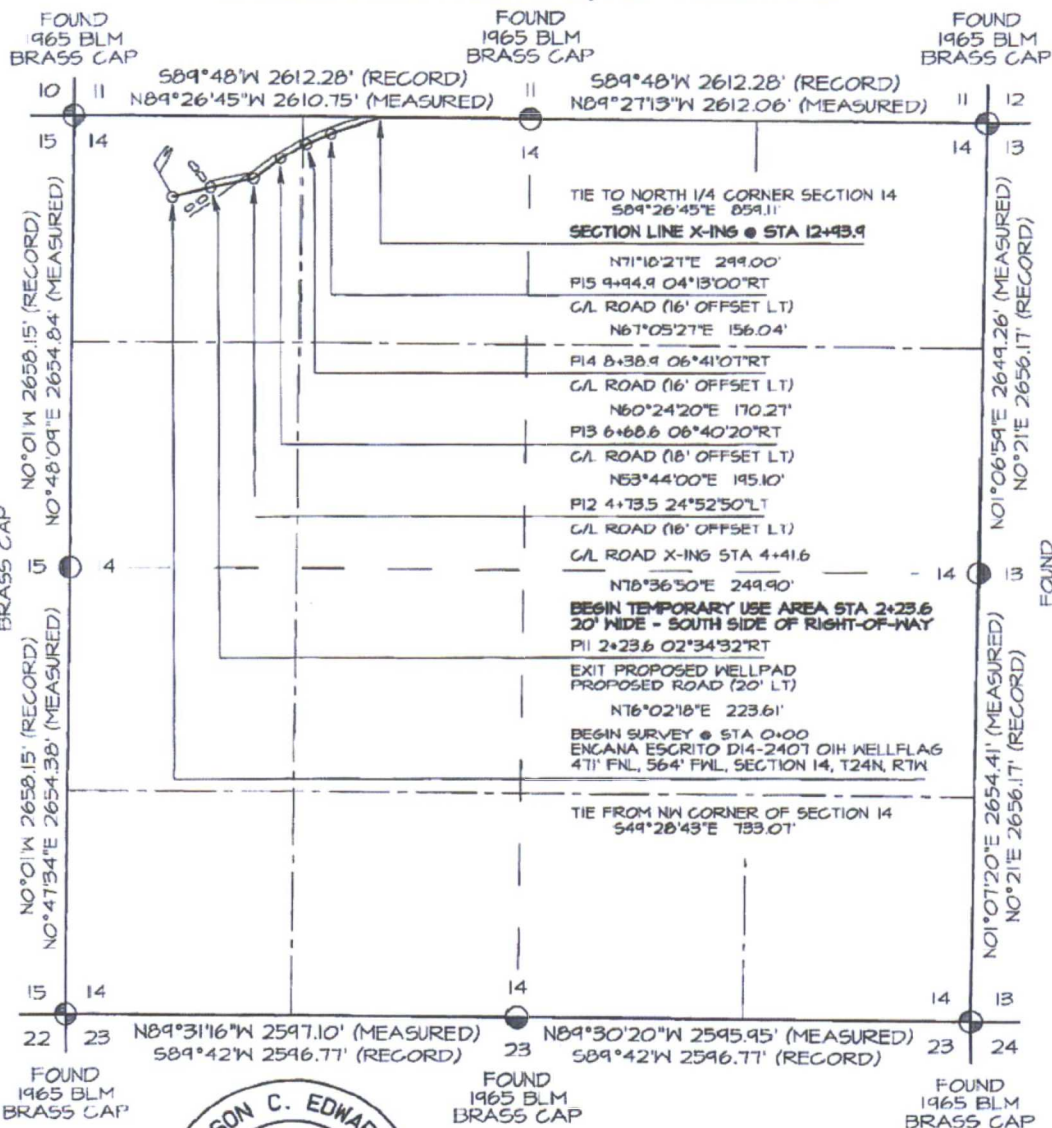


GLEN W. RUSSELL  
Certificate Number 15703



GRAPHIC SCALE 1"=1000'

0 1000 2000



### BASIS OF BEARING:

REAL-TIME KINEMATIC GPS SURVEY  
SOLUTION OBTAINED FROM SATELLITES  
TRACKED ON MARCH 12, 2014 FROM A  
REFERENCE STATION POSITIONED IN  
NW/4 NW/4 OF SECTION 14, T24N R7W

1965 BLM  
BRASS CAP

PLAT NOTE:

BEFORE ANY CONSTRUCTION BEGINS, CONTRACTOR IS ADVISED TO CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED PIPELINES OR CABLES IN THE AREA OF THE PROJECT

A circular professional seal for a surveyor. The outer ring contains the text "JASON C. EDWARDS" at the top and "REGISTERED PROFESSIONAL SURVEYOR" at the bottom. The inner ring contains the text "NEW MEXICO". The center of the seal contains the number "15269".

~ SURFACE OWNERSHIP ~ Bureau of Land Management	
0+00 TO 12+93.9	1293.9 FT / 78.4 RODS

I, Jason C. Edwards, a registered Professional Surveyor under the laws of the State of New Mexico, hereby certify that this plat was prepared from field notes of an actual survey meeting the minimum requirements of the standards for easement surveys and is true and correct to the best of my knowledge and belief.

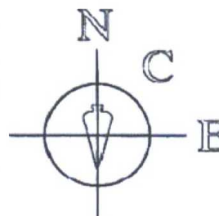
JASON C. EDWARDS

Date: March 13, 2014

Jason C. Edwards, P.L.S.  
New Mexico L.S. #15269

Prepared for:

ENCANA OIL & GAS (USA)  
370 17th ST, SUITE 1700  
DENVER CO 80202



SURVEYS, INC.

Land Surveyor:  
Jason C. Edwards

**Mailing Address:**  
Post Office Box 6612  
Farmington, NM 87499

**Business Address:**  
111 East Pinon Street  
Farmington, NM 87402  
(505) 325-2654 (Office)  
(505) 326-5650 (Fax)

SHEET 4 OF 16	CHECKED BY: JCE
FILENAME: 24714PG1	DRAWN BY: SLE

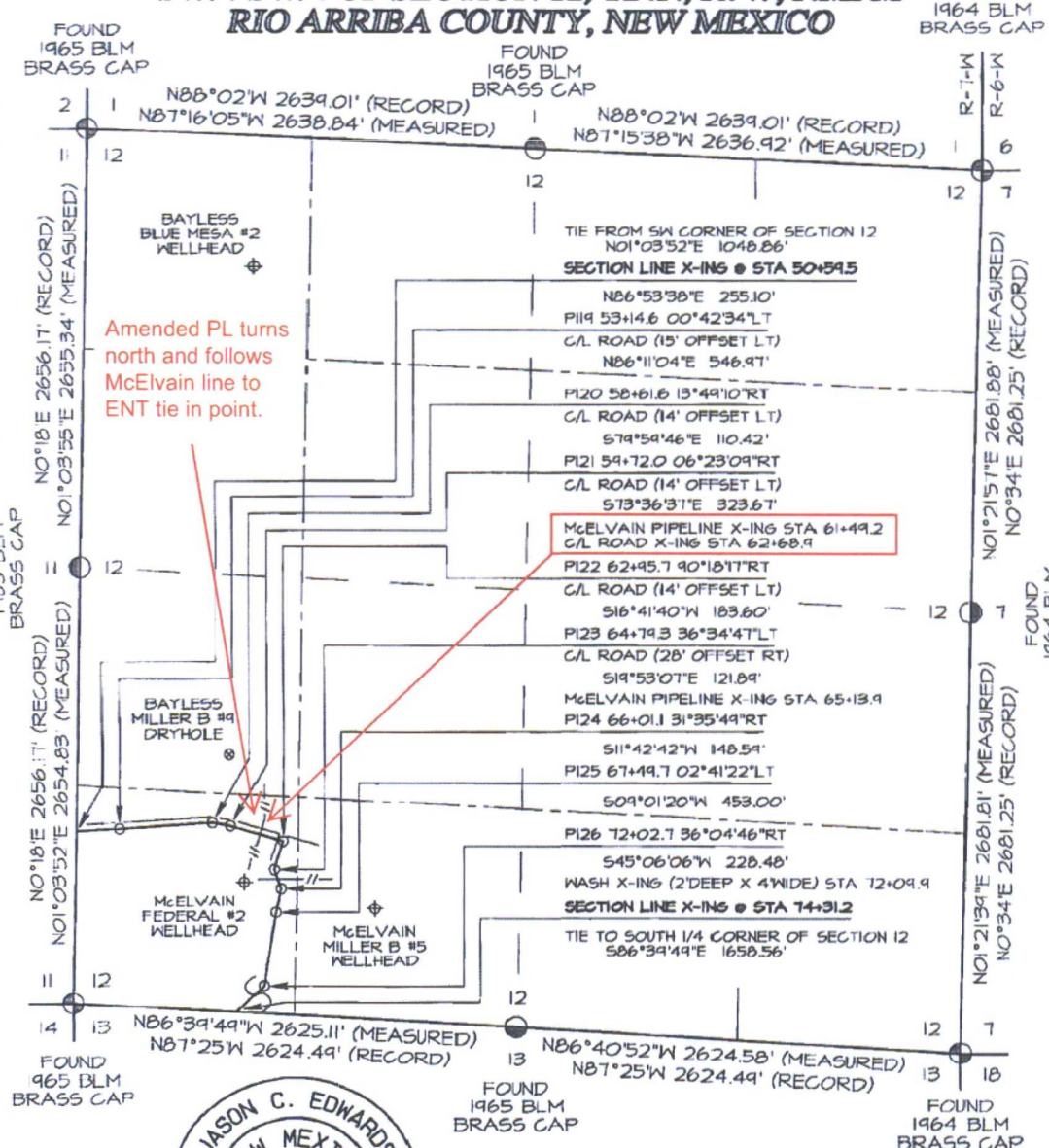








**ENCANA OIL & GAS (USA) INC. ESCRITO D14-2407 01H**  
**PROPOSED PIPELINE SURVEY LOCATED IN THE**  
**SW/4 SW/4 OF SECTION 12, T24N, R7W, NMPM**  
**RIO ARriba COUNTY, NEW MEXICO**



**REAL-TIME KINEMATIC GPS SURVEY SOLUTION OBTAINED FROM 5A TELLITES TRACKED ON MARCH 12, 2014 FROM A REFERENCE STATION POSITIONED IN NW/4 NW/4 OF SECTION 14, T24N, R7W**

**PLAT NOTE:**  
 BEFORE ANY CONSTRUCTION BEGINS, CONTRACTOR IS ADVISED TO CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED PIPELINES OR CABLES IN THE AREA OF THE PROJECT

**BASIS OF BEARING:**



I, Jason C. Edwards, a registered Professional Surveyor under the laws of the State of New Mexico, hereby certify that this plat was prepared from field notes of an actual survey meeting the minimum requirements of the standards for easement surveys and is true and correct to the best of my knowledge and belief.

**JASON C. EDWARDS** Date: March 13, 2014  
 Jason C. Edwards, P.L.S.  
 New Mexico L.S. #15269

~ SURFACE OWNERSHIP ~ Bureau of Land Management	
50+59.5 TO 74+31.2	2371.7 FT / 143.7 RODS

Prepared for:  
**ENCANA OIL & GAS (USA)**  
 370 17th ST, SUITE 1100  
 DENVER, CO 80202

**SURVEYS, INC.**

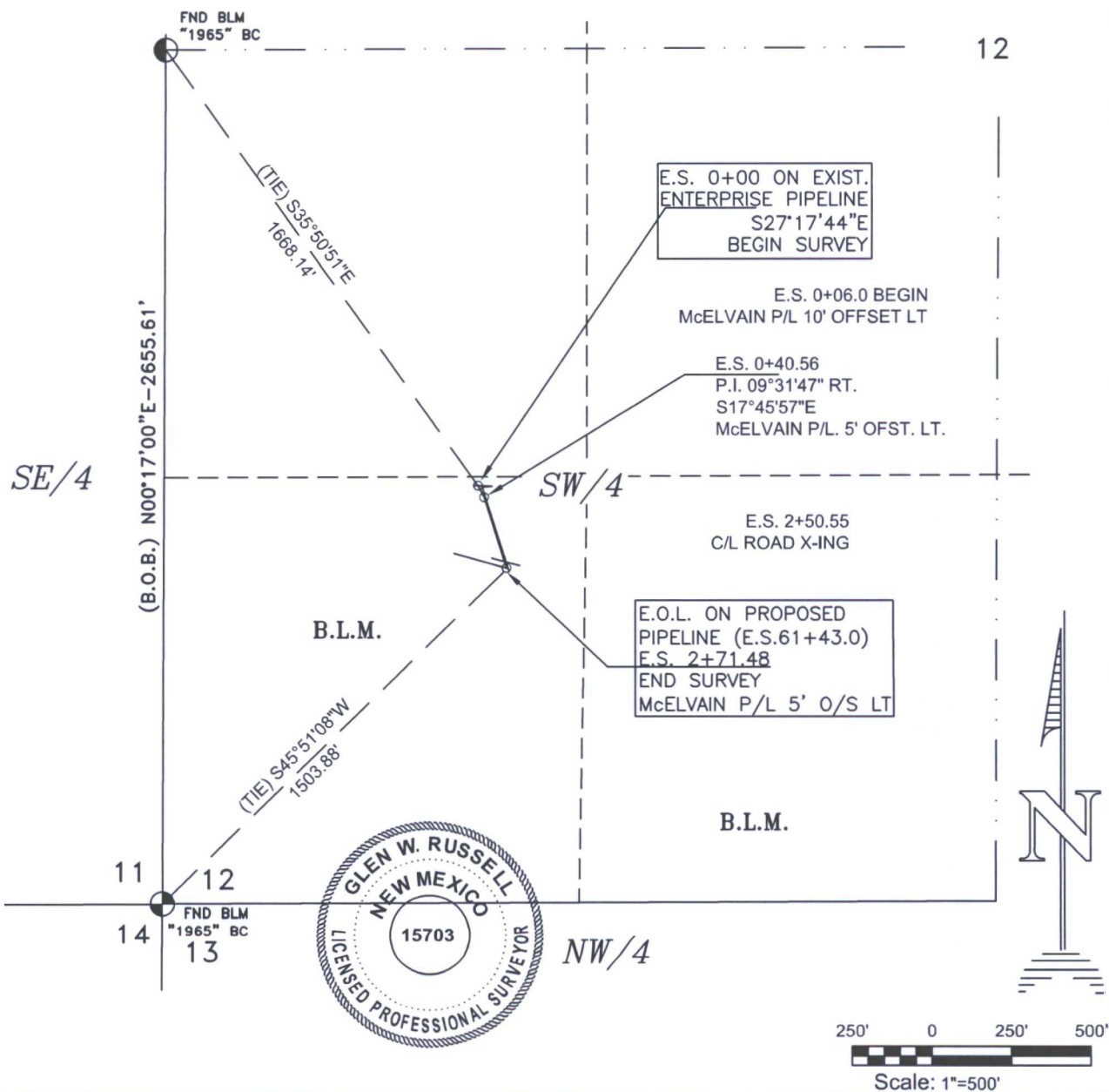
**Land Surveyor:**  
 Jason C. Edwards  
**Mailing Address:**  
 Post Office Box 6612  
 Farmington, NM 87499  
**Business Address:**  
 111 East Pinon Street  
 Farmington, NM 87402  
 (505) 325-2654 (Office)  
 (505) 326-5650 (Fax)

SHEET 1 OF 16  
 FILENAME: 24712P04

CHECKED BY: JCE  
 DRAWN BY: SLT



PIPELINE SURVEY FOR  
**LOGOS OPERATING, LLC**  
**ESCRITO D14 2407 COM #01H**  
 LOCATED IN THE SW/4 SEC. 12, T-24-N, R-7-W, N.M.P.M.  
 RIO ARriba COUNTY, NEW MEXICO



OWNERSHIP			
LOCATION	OWNER	STATION	FT./RODS
SW/4 SEC. 12	B.L.M.	E.S. 0+00 TO E.S. 2+71.48	271.48/16.45

<b>BASIS OF BEARING:</b> AS MEASURED BY GPS BETWEEN FOUND MONUMENTS AT THE SOUTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 12, TOWNSHIP 24 NORTH, RANGE 7 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO. BEARS S00°17'00"E, A DISTANCE OF 2655.61' AS MEASURED BY G.P.S. LOCAL GRID NAD83.			
<b>DATE OF SURVEY:</b>	GWR	<b>DRAWN BY:</b>	TD
<b>SURVEY CREW:</b>	5/23/17	<b>DATE:</b>	5/24/17

I, GLEN W. RUSSELL, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

GLEN W. RUSSELL DATE MAY 25, 2017  
 GLEN W. RUSSELL, PLS  
 NEW MEXICO L.S. #15703

**VECTOR SURVEYS, LLC**  
 Professional Land Surveys, Mapping,  
 GPS Surveys & Oil Field Services  
 122 N Wall Avenue, Farmington, NM 87401  
 Phone (505) 564-3445 or 320-9595  
 E-Mail: vectorgr001@msn.com

WORK ORDER NO.:	LOGOS052	CAD FILE:	LOGOS052
-----------------	----------	-----------	----------



2010 Afton Place  
Farmington, NM 87401  
Phone: (505) 324-4145  
Fax: (505) 326-6112

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

RE: C-107B, APPLICATION FOR OFF-LEASE STORAGE and MEASUREMENT  
Escrito D14 2407 Com 1H, API 30-039-31231  
UL D, SEC 14, T24N, R07W  
RIO ARRIBA COUNTY, NM

August 30, 2017

LOGOS Operating, LLC as operator for the above mentioned horizontal well, is requesting Off Lease Measurement (OLM) approval for the gas production to be delivered at an Enterprise custody transfer meter located northeasterly of the well pad and off the producing federal communitized area (CA). A federal sundry is being filed with the BLM FFO for OLM approval.

The Escrito wellhead is located in NWNW4 of section 14 which is federal lease NMNM117566; the producing lateral starts in N2N2 of section 15 with a federal lease NMNM117567 and moves west through two state leases in the N2NE4 of section 16, B1-1240-0098 and VB-2878-0000. These three leases are covered by the CA - NMNM136953 which encompasses the NE4 of section 16 and the N2 of section 15 in T24N, R07W. Working interest is 100% LOGOS as per the attached statement from our landman.

The wellhead is located at 36.31884°N, 107.552228°W in the NWNW4 of section 14, T24N, R07W. A company owned EFM will be used to measure gas onsite for operational purposes; however, gas will be delivered via a chain of custody transfer meter offsite. As the well pad was built outside the CA but within the project area, the gas production is not considered off lease until it leaves the well pad. The pipeline leaves the well pad in a northeasterly direction, crosses sections 14 and 11 and into section 12 where it ties into an Enterprise line in SWSW4 of section 12, T24N, R07W. This custody transfer meter tie in point is on a different federal lease (NMSF0078584). All of sections 14, 11 and 12 are BLM surface. LOGOS has obtained federal Right-of-Way Grant NMNM131473 to build off lease pipeline and Right-of-Way Grant NMNM131472 to build the well pad off lease. No physical losses will occur between the well site and the custody transfer due to the pipeline being a closed system. Production will be reported from the custody transfer meter.

Attached is the necessary C-107B information, schematic of the facility site and map showing the surface ownership, lease boundaries, well pad, and custody transfer meter.

Should you have any questions, please contact me at 505-324-4145

Sincerely,

Tamra Sessions  
Regulatory Specialist