

DATE: 8/30	SUSPENSE	ENGINEER: WVS	LOGGED IN: 8/30	TYPE: DHC 4585	APP. NO.: PWVS 1224348742
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**
[DHC-Downhole Commingling] **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**
[PC-Pool Commingling] **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**
[WFX-Waterflood Expansion] **[PMX-Pressure Maintenance Expansion]**
[SWD-Salt Water Disposal] **[IPI-Injection Pressure Increase]**
[EOR-Qualified Enhanced Oil Recovery Certification] **[PPR-Positive Production Response]**

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

KRISTY GRAHAM

Print or Type Name

Signature

Title

Date

8/30/12

Kgraham@LOGSRESOURCESLLC.COM
e-mail Address

Jones, William V., EMNRD

From: Kristina Graham <kgraham@logosresourcesllc.com>
Sent: Thursday, August 30, 2012 1:24 PM
To: Jones, William V., EMNRD; Perrin, Charlie, EMNRD; John Austin Akers; Jay McWilliams; David Gonzales
Subject: Requesting Approval - Logos #1 C107A and supporting documents
Attachments: Logos_1_DHC_C107A.pdf; Logos_1_DHC_supporting_documents.pdf
Importance: High

Mr. Jones,

Attached is the C107A Application for Downhole Commingle and the supporting documents for the Logos #1 in Sandoval County, NM. Please let me know if you have any questions or require and additional information.

Thank you,

Kristy Graham
Director of Administration and Engineering Support
505-402-6361 Cell
505-436-2627 Office
kgraham@logosresourcesllc.com



The information contained in this email and any attachments is confidential and may be subject to copyright or other intellectual property protection. If you are not the intended recipient, you are not authorized to use or disclose this information, and we request that you notify us by reply mail or telephone and delete the original message from your mail system.

District I
1625 E French Drive, Hobbs, NM 88249

District II
411 N. First St., Artesia, NM 88210

District III
1009 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-107A
Revised August 1, 2011

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☐ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Logos Capital Management, LLC

4001 North Butler, Building 7101 Farmington, NM 87401

Operator
Logos

#1

Address
P.O. Box 5, 122N, R5W

Sandoval

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 287123 Property Code 39236 API No. 30-043-21119 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Venado Mesa Verde	Wildcat Gallup	Wildcat Dakota
Pool Code	62490		
Top and Bottom of Pay Section (Perforated or Open Hole Interval)	3437'-4354'	5022'-5939'	6146'-6492'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	1885 psi	2100 psi	2750 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	Est. Oil Gravity 48.9	Est. Oil Gravity 42	Est. Oil Gravity 45
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates: Offset production history attached.	Date: Rates: Offset production history attached.	Date: Rates: Offset production history attached.
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % % Each interval will be swab tested independently and used for allocation.	Oil Gas % % Each interval will be swab tested independently and used for allocation.	Oil Gas % % Each interval will be swab tested independently and used for allocation.

3437 = 0.8 * 0.65
ADJUSTED 4 LIQUID
DEPTHS
= OK

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐
Will commingling decrease the value of production? Yes ☐ No ☒
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingling showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

EST TOPS:
CLIFFS: 3384
Mesa: 3465
PLD: 4144

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

Mesa: 4336
NIOBRA: A 5079
Granada: 8195
Granada: 8191
AKTA: 8211

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Krisy Graham

TITLE Director of Admin and Eng. Support

DATE

TYPE OR PRINT NAME Krisy Graham

TELEPHONE NO. (505) 436-2627

E-MAIL ADDRESS kgraham@logosresourcesllc.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.**

5. Lease Serial No.
Jicarilla Tribal #424

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Logos Capital Management, LLC

3a. Address
4001 North Butler, Building 7101
Farmington, New Mexico 87401

3b. Phone No. (include area code)
505-436-2627

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1610' ENL & 1710' FWL
Section 5, Township 22N, Range 5W

7. If Unit of C/A Agreement, Name and/or No.

8. Well Name and No.
Logos #1

9. API Well No.
30-043-21119

10. Field and Pool or Exploratory Area
Basin Dakota

11. County or Parish, State
Sandoval, New Mexico

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"/> Fracture Treat	<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 <u>Trimming wellbore.</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<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 recomplete 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 recompletion 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 determined that the site is ready for final inspection.)

Logos Capital Management, LLC proposes to trim the referenced well upon completion of the Venado Mesa Verde, Wildcat Gallup and Wildcat Dakota intervals. Please refer to the attached documents.

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

Kristy Graham

Title Director of Administration and Engineering Support

Signature



Date 08/30/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)

RCVD MAY 22 '12

OIL CONS. DIV.

DIST. 3

RECEIVED

Form 3160-3
(August 1999)

FEB 03 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
Bureau of Land ManagementFORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. Jicarilla Apache Lease #424
b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation
2. Name of Operator Logos Capital Management, LLC		7. If Unit or CA Agreement, Name and No
3a. Address c/o Walsh Engineering 7415 E. Main, Farmington, NM 87402		8. Lease Name and Well No Logos #1
3b. Phone No. (include area code) (505) 327-4892		9. API Well No. 30-043-21119
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 1640' FNL and 1710' FWL At proposed prod. Zone Same		10. Field and Pool, or Exploratory Basin Dakota
14. Distance in miles and direction from nearest town or post office* 4 miles southwest of Counselors, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 5, T22N, R5W
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1640'	16. No. of Acres in lease 2561.60 2580 +/-	17. Spacing Unit dedicated to this well W/2 321.13 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 7,000'	19. Proposed Depth 6,600' +/-	20. BLM/BLA Bond No. on file Bond #1062070
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6,907' GL	22. Approximate date work will start* March 15, 2012	23. Estimated duration 2 weeks

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Paul C. Thompson</i>	Name (Printed/Typed) Paul C. Thompson, P.E.	Date 2/2/2012
Title Agent/Engineer		
Approved by (Signature) <i>JO Manliwicz</i>	Name (Printed/Typed)	Date 5/21/12
Title AFM	Office FEO	

Application approval 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

Conditions of approval, if any, are attached

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 reverse)

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENTBLM'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 LANDSNMOCD
A

MAY 23 2012 ca

This action is subject to technical and
procedural review pursuant to 43 CFR 3169.3
and appeal pursuant to 43 CFR 3165.4DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6173 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 E-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-043-21119		*Pool Code 62490	*Pool Name Verado MESA VERDE
*Property Code 39236	*Property Name LOGOS		*Well Number 1
*GRID No. 287123	*Operator Name LOGOS CAPITAL MANAGEMENT, LLC		*Elevation 6907'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from line	North/South line	Feet from line	East/West line	County
F	5	22N	5W		1510	NORTH	1710	WEST	SANDOVAL

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from line	North/South line	Feet from line	East/West line	County

*Dedicated Acres 321.13 Acres - (W/2)	*Joint or Infill	*Consolidation Code	*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

<p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>1610'</p> <p>1710'</p> <p>1320.00'</p> <p>2640.00'</p> <p>5280.00'</p> <p>LAT: 36.16928°N LONG: 107.38706°W DATUM: NAD1927</p> <p>LAT: 36.16930°N LONG: 107.38766°W DATUM: NAD1983</p> <p>5</p> <p>Will be 40 acre oil</p> <p>5277.36'</p>	<p>17 OPERATOR CERTIFICATION</p> <p>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 released mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Paul C. Walsheng</i> 5/11/12 Signature Date</p> <p>PAUL C. WALSHENG, NET Printed Name</p> <p>PAUL C. WALSHENG, NET E-mail Address</p> <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Survey Date: JANUARY 11, 2012</p> <p>Signature and Seal of Professional Surveyor</p> <div style="text-align: center;"> </div> <p>JASON C. EDWARDS Certificate Number 15269</p>
---	---

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
611 S. First Street, Artesia, NM 88240
Phone: (575) 748-1283 Fax: (575) 748-9720

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form O-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-043-21119		*Pool Code	*Pool Name Wildcat Gallup
*Property Code 39236	*Property Name LOGOS		*Well Number 1
*DGRID No. 287123	*Operator Name LOGOS CAPITAL MANAGEMENT, LLC		*Elevation 6907'

¹⁰ Surface Location

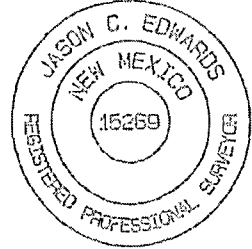
TL or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	22N	5W		1610	NORTH	1710	WEST	SANDOVAL

¹¹ Bottom Hole Location If Different From Surface

TL or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 321.13 Acres -- (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

<p>¹⁶</p> <p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>5280.00'</p> <p>1610'</p> <p>1710'</p> <p>LAT: 36.16928°N LONG: 107.38705°W DATUM: NAD1927</p> <p>LAT: 36.16930°N LONG: 107.38766°W DATUM: NAD1983</p> <p>1339.180'</p> <p>1320.00'</p> <p>2640.00'</p> <p>5277.36'</p>	<p><i>Will be 40 acre oil</i></p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Paul C. Thompson</i> 5/11/12 Signature Date</p> <p><i>Paul C. Thompson</i> Printed Name</p> <p><i>PAUL C. WALSHENG.NET</i> E-mail Address</p>
		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Survey Date: JANUARY 11, 2012</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p>JASON C. EDWARDS Certificate Number 15269</p>

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Phone: (505) 334-6176 Fax: (505) 334-6170

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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code	*Pool Name Wildcat DAKOTA
*Property Code	*Property Name LOGOS	*Well Number 1
*OGRID No.	*Operator Name LOGOS CAPITAL MANAGEMENT, LLC	*Elevation 6907'

¹⁰ Surface Location

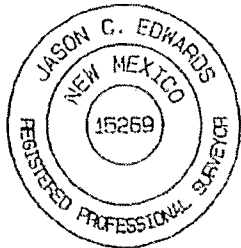
UL or lot no.	Section	Township	Range	Lot (s)	Feet from the	North/South line	Feet from the	East/West line	County
F	5	22N	5W		1610	NORTH	1710	WEST	SANDOVAL

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot (s)	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 321.13 Acres - (W/2)	¹³ Joint or Initial	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ 1339.80' LOT 4 1610' 1710' 1320.00' 2640.00'	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 working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Paul C. Thompson</i> 5/11/12 Signature Date PAUL C. THOMPSON Printed Name PAUL C. WALSHENG.NET E-mail Address
¹⁸ 1320.00' 1339.80' 2640.00'	¹⁹ 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. Survey Date: JANUARY 11, 2012 Signature and Seal of Professional Surveyor  JASON C. EDWARDS Certificate Number 15269

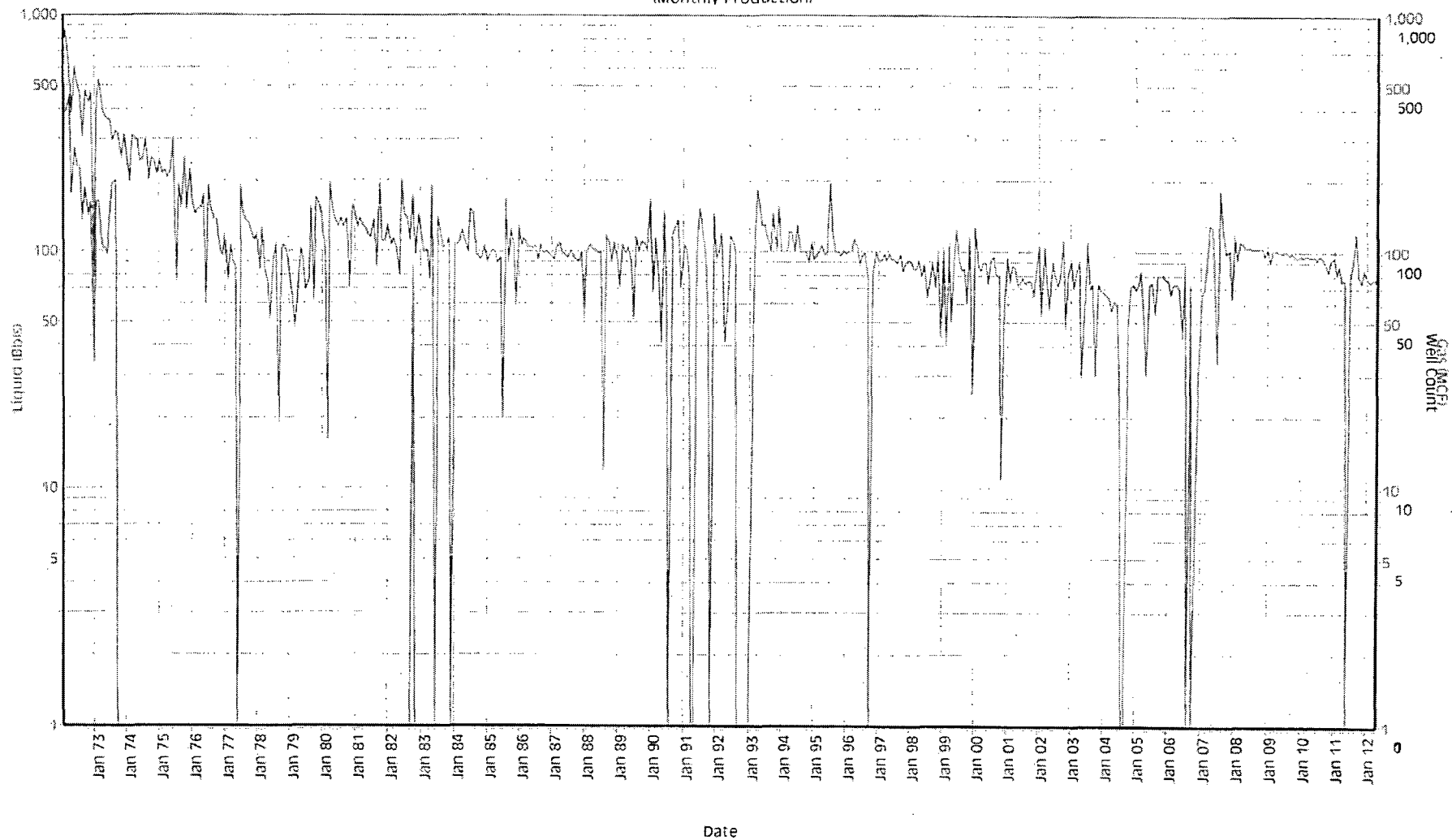
CENTER OF RESERVE TIT
LAT 36.16948N
LONG 107.38781W
DATUM: NAD 1983

Will be 40 acre OIL

5277.36'

Mesa Verde Offset

JAIR 002
SANDOVAL (NM)
22N 05W 08 L
Operator: LOCOS CAPITAL MANAGEMENT, LLC
Field: VENADO (MESAVERDE)
(Monthly Production)

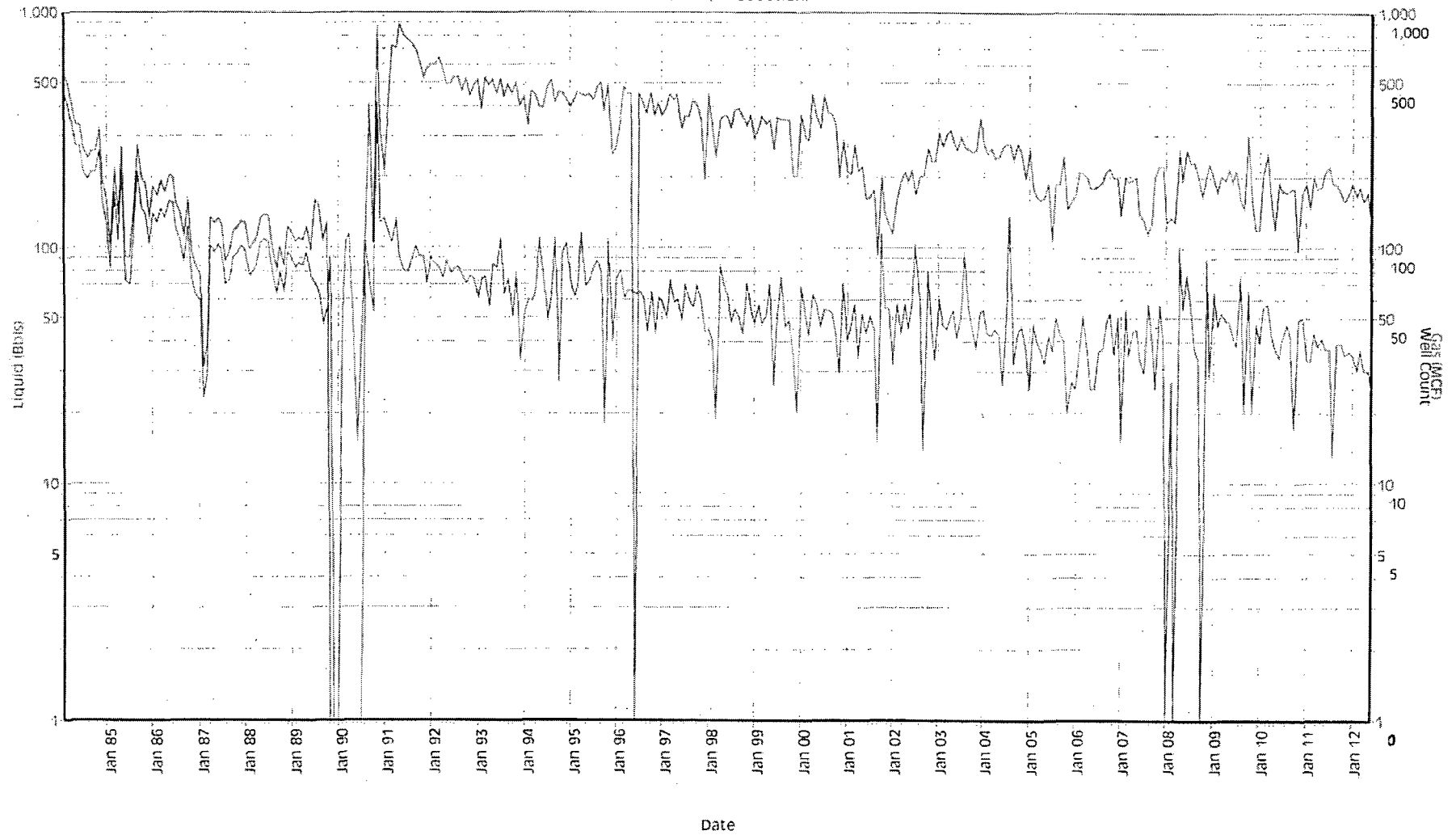


— Liquid (bbls) — Gas (MCF) — Wells

Liquid (bbls): Current Cum: 55,695 Total: 55,695
Gas (MCF): Current Cum: 4,029 Total: 4,029

Gallup Offset

LULU 005
SANDOVAL (NM)
23N 06W 29 J
Operator: PARKO OIL
Field: LYBROOK (GALLUP)
(Monthly Production)

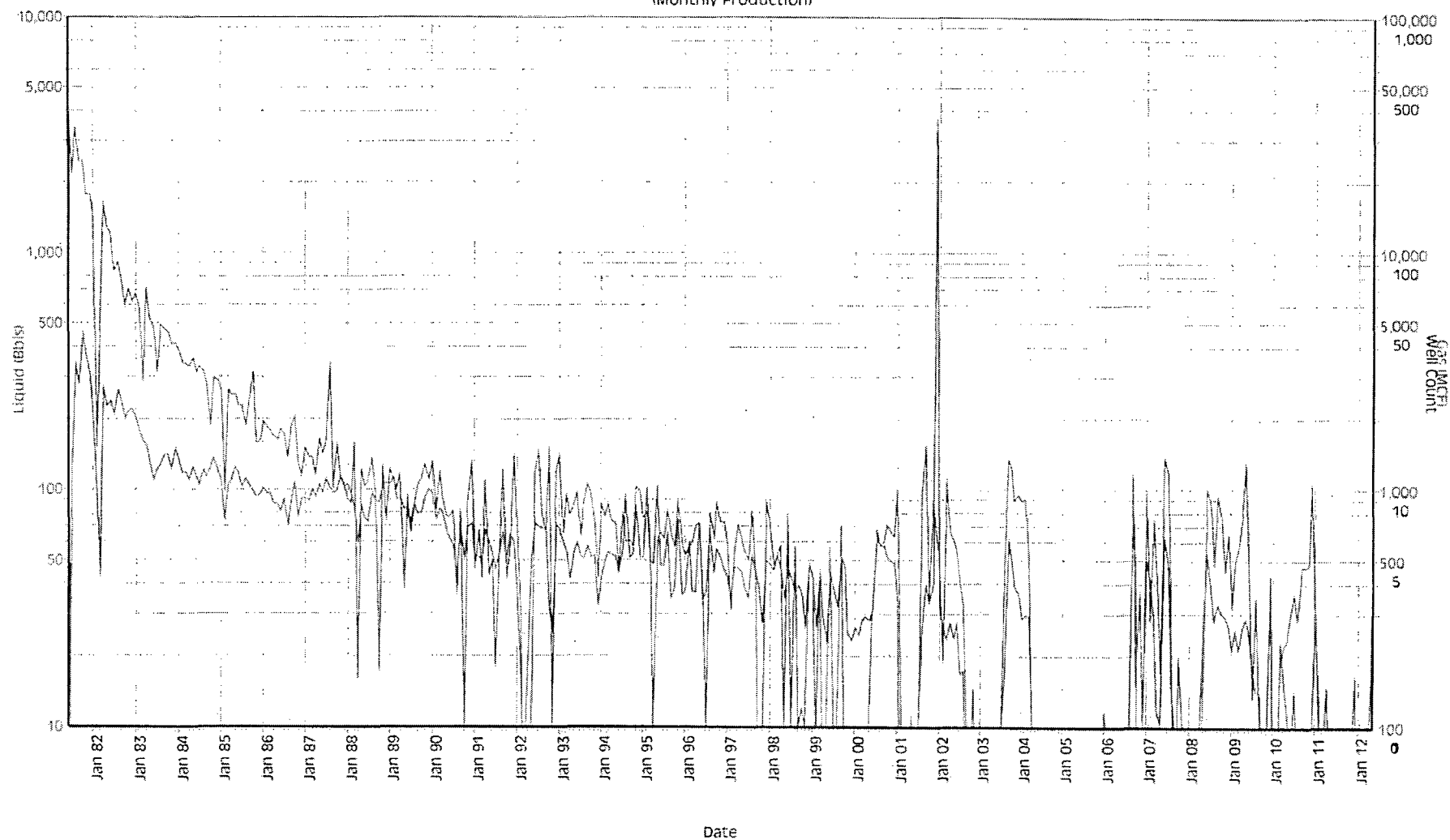


— Liquid (bbbls) — Gas (MCF) — Wells

Liquid (bbbls): Current Cum: 23,941 Total: 23,941
Gas (MCF): Current Cum: 91,157 Total: 91,157

Dakota Offset

BONANZA 005
SANDOVAL (NM)
22N 03W 12 G
Operator: ELM RIDGE EXPLORATION COMPANY LLC
Field: LINDRITH (GALLUP/DAKOTA, WEST)
(Monthly Production)



— Liquid (bbl/d) — Gas (MCF) — Wells

Liquid (bbl/d): Current Cum: 59,464 Total: 59,464
Gas (MCF): Current Cum: 252,308 Total: 252,308

Jones, William V., EMNRD

From: Vermersch, Amy H, EMNRD
Sent: Thursday, August 30, 2012 1:50 PM
To: Jones, William V., EMNRD
Cc: Perrin, Charlie, EMNRD
Subject: Logos #1

Hi Will,

Per Charlie:

The pool codes for the Logos #1 Trimingle are:
97968 WC 22N5W5; Gallup (o)
97977 WC 22N5W5; Dakota (o)
62490 Venado MesaVerde

Thanks if you have any question please let me know.
Amy

Amy H. Vermersch
Data Compliance Manager
Oil Conservation Division
Office: 505-334-6178 Ext 113
Fax: 505-334-6170