

# RECEIVED

Form 3160-5  
(March 2012)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 01 2012

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)  
1930' FSL & 730' FEL  
Section 6, Township 22N, Range 5W

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

8. Well Name and No.  
Logos #2

9. API Well No.  
30-043-21120

10. Field and Pool or Exploratory Area  
\*Please see sundry summary for Pool information

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>Flowline Installation</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 will be installing a buried flowline from the Logos #2 to the battery located at L-08-22N-05W. The flowline will transfer all produced gas and liquids to the battery for separation and sales. The flowline is being installed prior to the completion of the well. Upon completion of the well, the produced fluids will be isolated at the battery until a surface commingle is approved. Please see the attached ROW plats for the flowline. ROW approval has been granted through the BIA and Jicarilla Apache Nation.

Pool Information:  
Wildcat Dakota, Wildcat Gallup, Venado Mesa Verde

RCVD NOV 29 '12  
OIL CONS. DIV.  
DIST. 3

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 10/01/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

NOV 27 2012

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

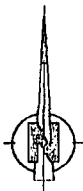
FARMINGTON FIELD OFFICE  
BY 

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.

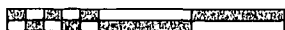
(Instructions on page 2)

NMOCDA

**PROPOSED PIPELINE FOR  
LOGOS RESOURCES, LLC**  
LOGOS #2 PROPOSED PIPELINE  
LOCATED IN THE SW/4 SW/4 OF SECTION 5,  
AND THE E/2 SE/4 OF SECTION 6  
T22N, R5W, N.M.P.M.,  
SANDOVAL COUNTY, NEW MEXICO



250' 0 250' 500'



SCALE = 500'

FND 3.25 BC  
GLO 1946

36 31 T 23 N  
1 6 T 22 N

N 51°13'53" W  
5340.18'

WELL FLAG  
LOGOS #2

STA 23+17.62

EOL @ PROPOSED M/O  
ON WELL PAD  
TIE TO WELL HEAD  
N 30°08'43" W 127.83'

STA 22+45.60

FENCE X-ING

STA 22+33.40

C/L ROAD X-ING

P.I. STA 22+11.35

Δ 63°44'43" RT

N 01°08'20" W 106.27'

C/L ROAD O/S 20' RT

END PARALLEL C/L ROAD

STA 18+38.80

C/L WASH X-ING

P.I. STA 17+63.16

Δ 02°59'34" RT

N 64°53'03" W 448.19'

C/L ROAD O/S 20' RT

STA 14+60.26

SECTION LINE X-ING

P.I. STA 10+78.66

Δ 01°21'36" LT

N 67°52'37" W 684.50'

C/L ROAD O/S 20' RT

P.I. STA 4+06.80

Δ 32°27'43" LT

N 66°31'01" W 671.86'

BEGIN PARALLEL C/L ROAD

C/L ROAD O/S 22' RT

P.I. STA 0+44.60

Δ 34°59'05" RT

N 34°03'18" W 362.20'

STA 0+00.00

N 69°02'23" W 44.60'

TAKE OFF ON LOGOS #1

PROPOSED PIPELINE @

STA. 40+72.84

N 84°58'28" E  
6533.95'

BASIS OF BEARINGS  
N 0°56'16" E 5340.18' (M)  
N 0°55' E 5336.76' (R)

R 6 W  
R 5 W

1 6  
12 7

FND 3.25 BC  
GLO 1948

**NOTES:**

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE SOUTHWEST CORNER OF SECTION 5, TOWNSHIP 22 NORTH, RANGE 5 WEST, N.M.P.M., SANDOVAL COUNTY, NEW MEXICO.  
LINE BEARS: N 0°56'16" E A DISTANCE OF 5340.18' FEET AS MEASURED BY G.P.S.

2.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

I, DAVID R. 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.



~ SURFACE OWNERSHIP ~	
JICARILLA APACHE INDIAN RESERVATION	
SECTION 5	
0+00 TO 14+60.26	
1480.26 FT/ 88.80 RODS	
SECTION 6	
14+60.26 TO 23+17.62	
857.36 FT/ 51.98 RODS	
TOTAL	
0+00 TO 23+17.62	
2317.62 FT/ 140.46 RODS	
DATE OF SURVEY	07/17/12
	RK,GR,JC

**Scorpion Survey &  
Consulting, L.L.C.**  
#55 CR 3312  
Aztec, New Mexico 87410  
(505) 333-2945



DATE: *Aug 2, 2012*

DAVID R. RUSSELL, PLS  
NEW MEXICO L.S. #10201

JOB No.: LOGO002

DATE: 07/27/12

July 31, 2012

LOGOS RESOURCES, LLC  
PROPOSED PIPELINE FOR  
LOGOS #2 PROPOSED PIPELINE  
LOCATED IN THE SW/4 SW/4 OF SECTION 5,  
AND THE E/2 SE/4 OF SECTION 6  
T22N, R5W, N.M.P.M.,  
ACROSS JICARILLA APACHE TRIBAL LANDS  
SANDOVAL COUNTY, NEW MEXICO

A pipeline 2317.62 feet long across a portion of Section 5 and Section 6, Township 22 North, Range 5 West, N.M.P.M., Sandoval County, New Mexico.

Beginning at a point located in the Southwest Quarter of the Southwest Quarter of said Section 5. Said point bears North 84°58'28" East, a distance of 6533.98 feet from the Southwest corner of Section 6;

Thence North 69°02'23" West, a distance of 44.60 feet;

Thence North 34°03'18" West, a distance of 362.20 feet;

Thence North 66°31'01" West, a distance of 671.86 feet;

Thence North 67°52'37" West, a distance of 684.50 feet;

Thence North 64°53'03" West, a distance of 448.19 feet;

Thence North 01°08'20" West, a distance of 106.27 feet to the end of the line at a point located in the Northeast Quarter of the Southwest Quarter of Section 6. Said point bears North 51°13'53" West, a distance of 5795.62 feet from the Northwest corner of Section 6, Township 22 North, Range 5 West, N.M.P.M., Sandoval County, New Mexico.