

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JUN 03 2013

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.

Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2.		5. Lease Serial No. NM 109398
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator Logos Operating, LLC		7. If Unit of CA/Agreement, Name and/or No.
3a. Address 4001 North Butler Avenue, Building 7101 Farmington, NM 87401		8. Well Name and No. Logos #5
3b. Phone No. (include area code) 505-436-2627		9. API Well No. 30-045-35423
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 671' FSL, 973' FEL Section 4, T23N, R8W, UL P		10. Field and Pool or Exploratory Area Basin Mancos & Basin Dakota
		11. County or Parish, State San Juan 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"/> 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 pipeline tie in
	<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 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 determined that the site is ready for final inspection.)

Logos Operating, LLC proposes to tie-in the Logos #5 to the Elm Ridge (Beeline) system per the attached plat. The proposed tie-in plan is based on the onsite and meetings with the BLM so that this tie-in does not create new disturbance. The tie-in will be entirely contained within the lease boundaries and will also be contained entirely within the location/access road so that no new disturbance is created. The line will be owned by Logos Operating all the way to the custody transfer meter which will be set at the tie-in point to the Elm Ridge (Beeline) system. The Elm Ridge (Beeline) gas line crosses directly underneath the access road to the Logos #5 location.

The line will be constructed out of 3" steel and will be buried ~4' deep. This tie-in will allow Logos to market the gas and eliminate the need for flaring.

RCVD JUN 13 '13
OIL CONS. DIV.
DIST. 3

Accepted For Record BP

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Kristy Graham	Title Production Engineer
Signature	Date 06/03/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title AFM Well	Date 06/11/13
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.

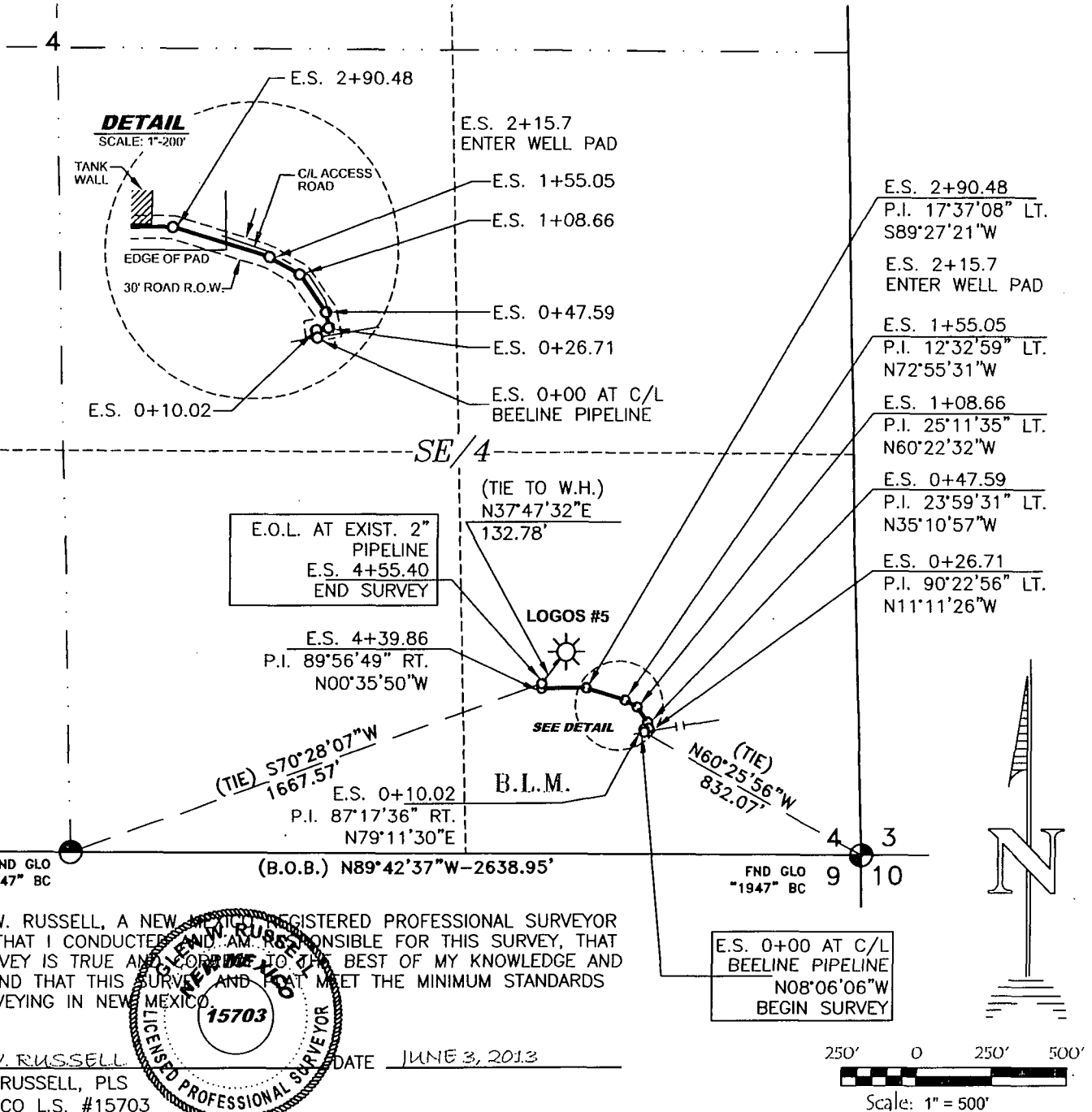
(Instructions on page 2)

NMOCD AV

PIPELINE SURVEY FOR LOGOS RESOURCES, LLC LOGOS #5

LOCATED IN THE SE/4 OF SECTION 4, T-23-N, R-8-W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

NOTES:
1. VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.



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 PLAN MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

GLEN W. RUSSELL
GLEN W. RUSSELL, PLS
NEW MEXICO L.S. #15703
DATE JUNE 3, 2013

OWNERSHIP

LOCATION	OWNER	STATION	FT./RODS
S4, T23N, R8W	B.L.M.	E.S. 0+00 TO E.S. 4+55.40	455.40/27.60

BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE SOUTHEAST CORNER AND THE SOUTH QUARTER CORNER OF SECTION 4, TOWNSHIP 23 NORTH, RANGE 8 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.

LINE BEARS: N 89°42'37" W A DISTANCE OF 2638.95 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.

SURVEY CREW	GWR	DRAWN BY	TD	CAD FILE
DATE OF SURVEY	5/30/13	DATE	6/1/13	LOGOS001

Vector Surveys, LLC

Professional Land Surveys, Mapping,
GPS Surveys & Oil Field Services
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