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Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 02 2012

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

Farmington Field Office

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 Apache Lease # 424

6 Indian, Allottee or Tribe Name

Jicarilla Apache Nation

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 N. Butler Ave, Farmington NM, 87401

3b Phone No (include area code)
505-436-2626 or 505-215-8215

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
F-05-22N-05W 1610 FNL 1710 FWL

7 If Unit of CA/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 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 <u>Install Oil, Gas, Water</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Transfer line to battery.</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Gas will be commingled</u>

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 recompleting 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 proposes the installation of a transfer line from the LOGOS # 1 to the central battery located at the Jair # 1 location (H-07-22N-05W, 1980 FNL and 660 FEL). The transfer line will transfer produced water, oil, and gas from the Logos # 1 to the central battery. At the battery, the gas will be commingled and used for beneficial use on the Jair 1 initially and at the Jair 2 later. The gas will be used to run the pumping units and to heat the separators for enhanced oil/water separation.

The produced volumes will be allocated using well tests. The battery will have a primary separator and a test separator. The test separator will have an oil meter, water meter, and gas meter.

After a gas gathering line is installed, Logos plans to sell the unused gas at a single metering point located at the central battery facility.

The battery will be used as a single sales point for oil and natural gas.

Please see the attached proposed pipeline route.

- Note: All wells + Tank Battery are on Contract 424.

- See Attached Conditions of Approval.

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

David Gonzales

Title Vice President of Operations

Signature

David Gonzales

Date

7/2/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

Petr. Eng.

Date

7/16/12

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)

ACCEPTED FOR RECORD

JUL 20 2012 *ca*

NMOCD

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment.

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

District I
1625 N. French Drive, Hobbs, NM 88241
Phone: (575) 393-6161 Fax: (575) 393-0720
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) 334-6171 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

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

Submit one copy to
Appropriate District Office

RECEIVED
AMENDED REPORT

Farmington Field Office
Bureau of Land Management

JUL 02 2012

WELL LOCATION AND ACREAGE DEDICATION PLAT Farmington Field Office

*API Number 30-048-21119	*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code	*Property Name LOGOS	*Well Number 1
*OGRIID No. 287123	*Operator Name LOGOS CAPITAL MANAGEMENT, LLC	*Elevation 6907'


¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
F	5	22N	5W		1640	NORTH	1710	WEST	SANDOVAL

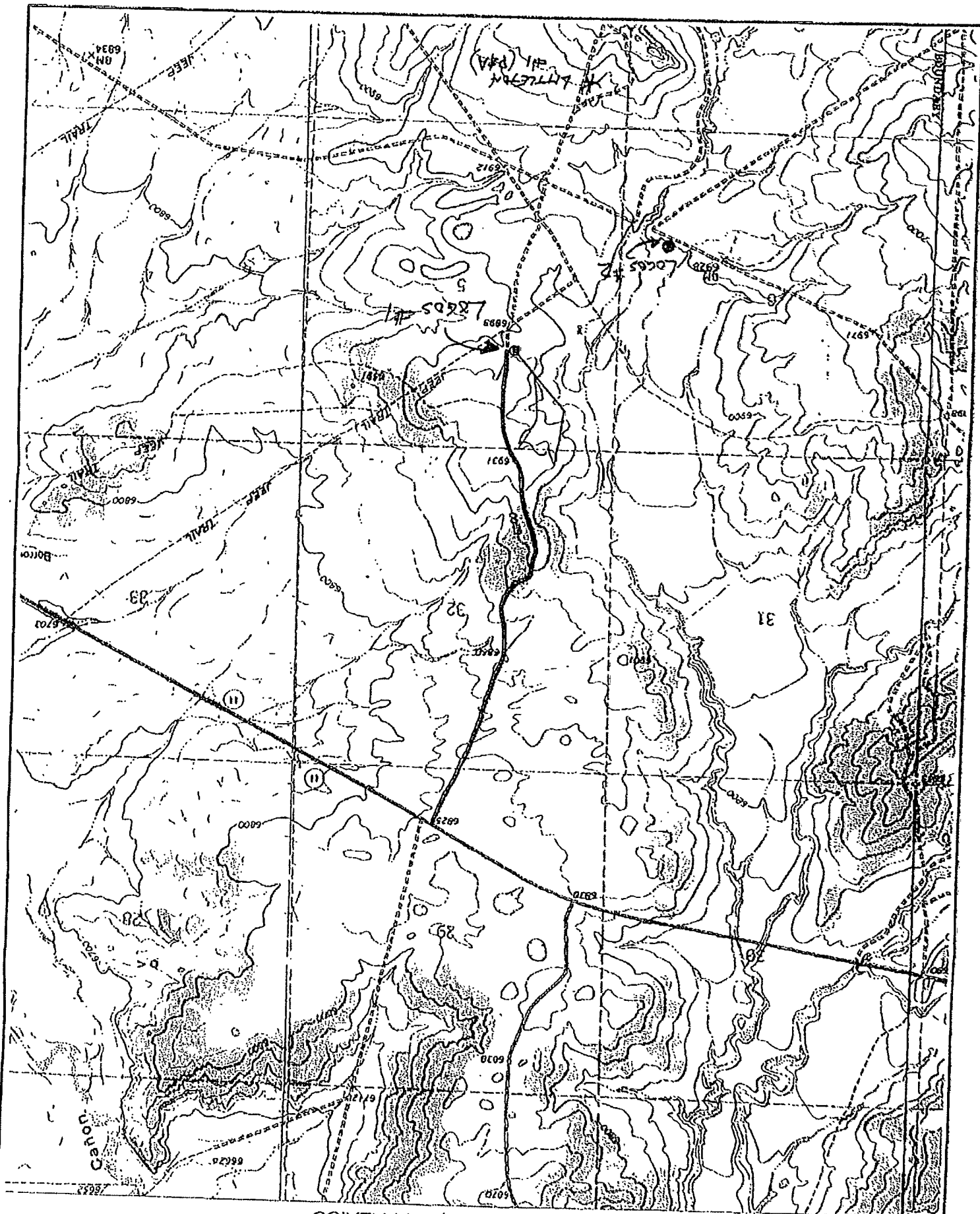
¹¹ Bottom Hole Location If Different From Surface

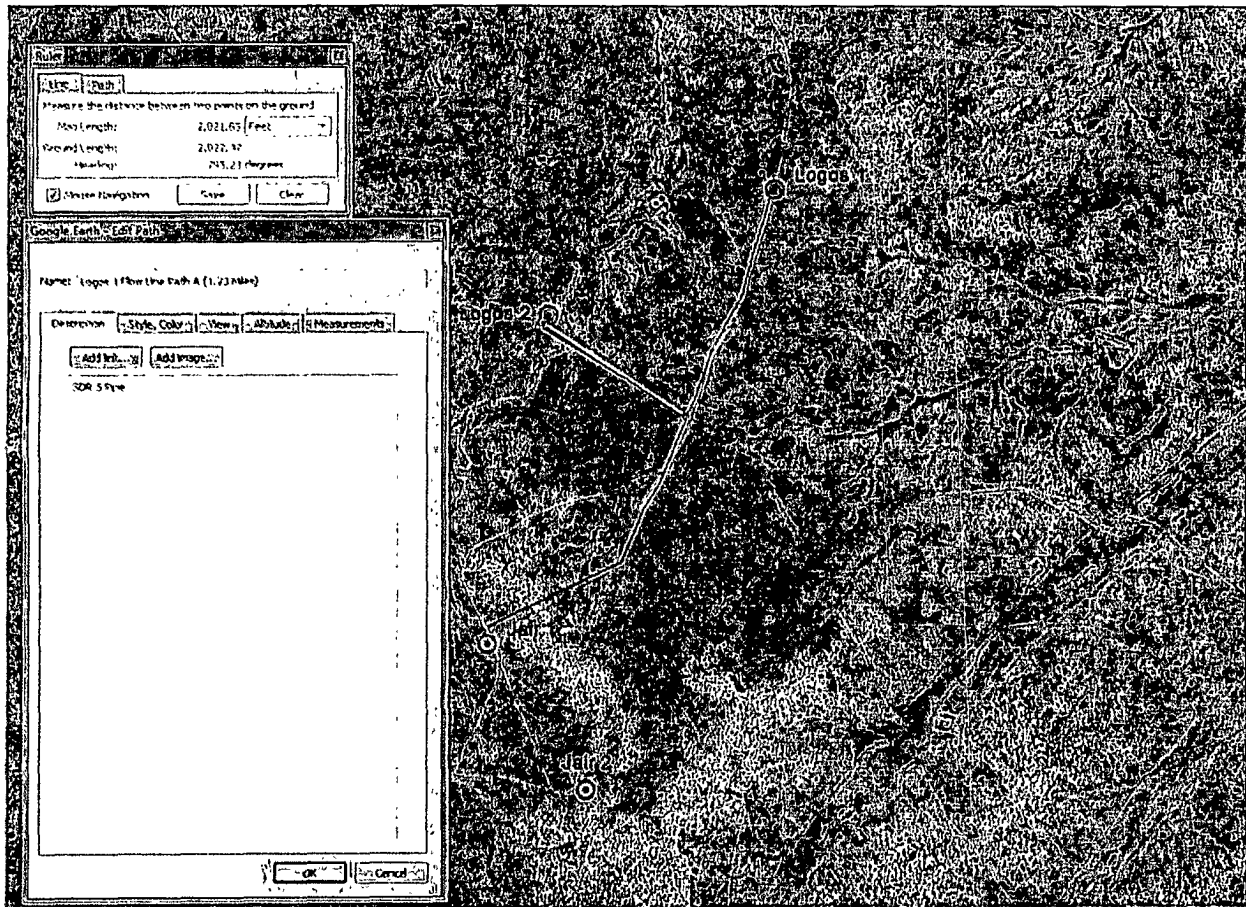
UL or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 321.13 Acres - (W/2)					¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.		

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>1339.80'</p> <p>LOT 4</p> <p>1640'</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>1335.18'</p> <p>1320.00'</p> <p>1710'</p> <p>LAT: 36.16922°N LONG: 107.38707°W DATUM: NAD1927</p> <p>LAT: 36.16923°N LONG: 107.38767°W DATUM: NAD1983</p> <p>5</p> <p>2540.00'</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> 2/2/12 Signature Date</p> <p>PAUL C. THOMPSON Printed Name</p> <p>PAUL C. WASHENK, 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> <p></p> <p>JASON C. EDWARDS Certificate Number 15269</p>
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RAT #1
 LOGOS CAPITAL MANAGEMENT, LLC 1 0605 #1
 1640' FNL, 1710' FNL, SECTION 5, T22N, R. 4, N.M.P.M.
 SANDOVAL COUNTY, NEW MEXICO







United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington Field Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

IN REPLY REFER TO

CONDITIONS OF APPROVAL FOR SURFACE COMMINGLING and BENEFICIAL USE OF OIL AND GAS

- THIS APPROVAL IS FOR BENEFICIAL USE OF PRODUCED GAS ONLY. PIPELINE INSTALLATION MUST BE AUTHORIZED BY THE BUREAU OF INDIAN AFFAIRS, JICARILLA AGENCY BEFORE PROCEEDING WITH THIS PROJECT.
- Liquid hydrocarbons produced at the Tank Battery/Central Delivery Point (CDP) must be allocated back to each well in proportion to the well's allocated gas production. Fuel used at the CDP must also be allocated back to each contributing well in proportion to each well's allocated gas production.
- Allocation must be made on an MMBTU basis. BTU measurements must be taken from each well prior to commingling gas production.
- Measurement of gas at the CDP must be conducted in accordance with the requirements outlined in Onshore Order No. 3, Site security, Onshore Order No. 4, Oil Measurement, Onshore Order No. 5, Gas Measurement and NM NTL 2008-01, Standards for the Use of Electronic Flow Computers.
- No other wells can be added to this system of beneficial use, measurement and sales without the prior approval of this office.
- Contact this office in the event of any lost hydrocarbons between the wells and the CDP.