

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

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. JIC CONTRACT 61
6. If Indian, Allottee or Tribe Name JICARILLA APACHE

SUBMIT IN TRIPLICATE - Other instructions on page 2

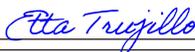
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator LOGOS OPERATING, LLC		8. Well Name and No. INDIAN I 4
3a. Address 2010 AFTON PLACE, FARMINGTON, NM 87401	3b. Phone No. (include area code) (505) 419-8420	9. API Well No. 30-039-29290
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 34 T28N R03W, NWNW (D) 660FNL 660FWL		10. Field and Pool or Exploratory Area BLANCO MESAVERDE
		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 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 checked="" 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 MIT	
	<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.)

A Mechanical Integrity Test was performed on 4/26/2022, PT to 560-570psi for 30mins. Test good. See attached chart.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Etta Trujillo		Title Regulatory Specialist
Signature 		Date 4/27/2022

THE 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)

Well Name: INDIAN I	Well Location: T28N / R3W / SEC 34 / NWNW /	County or Parish/State: RIO ARRIBA / NM
Well Number: 4	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC61	Unit or CA Name:	Unit or CA Number:
US Well Number: 300392929000S1	Well Status: Temporarily Abandoned	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2669053

Type of Submission: Subsequent Report

Type of Action: Mechanical Integrity Test

Date Sundry Submitted: 04/27/2022

Time Sundry Submitted: 01:15

Date Operation Actually Began: 04/26/2022

Actual Procedure: A Mechanical Integrity Test was performed on 4/26/2022, PT to 560-570psi for 30mins. Test good. See attached chart.

SR Attachments

Actual Procedure

3160_5_Indian_I_4_MIT_Subsequent_report_20220426_20220427131500.pdf

Well Name: INDIAN I

Well Location: T28N / R3W / SEC 34 / NWNW /

County or Parish/State: RIO ARRIBA / NM

Well Number: 4

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name: JICARILLA APACHE

Lease Number: JIC61

Unit or CA Name:

Unit or CA Number:

US Well Number: 300392929000S1

Well Status: Temporarily Abandoned

Operator: LOGOS OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: ETTA TRUJILLO

Signed on: APR 27, 2022 01:13 PM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: Farmington **State:** NM

Phone: (505) 324-4154

Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

Field Representative

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

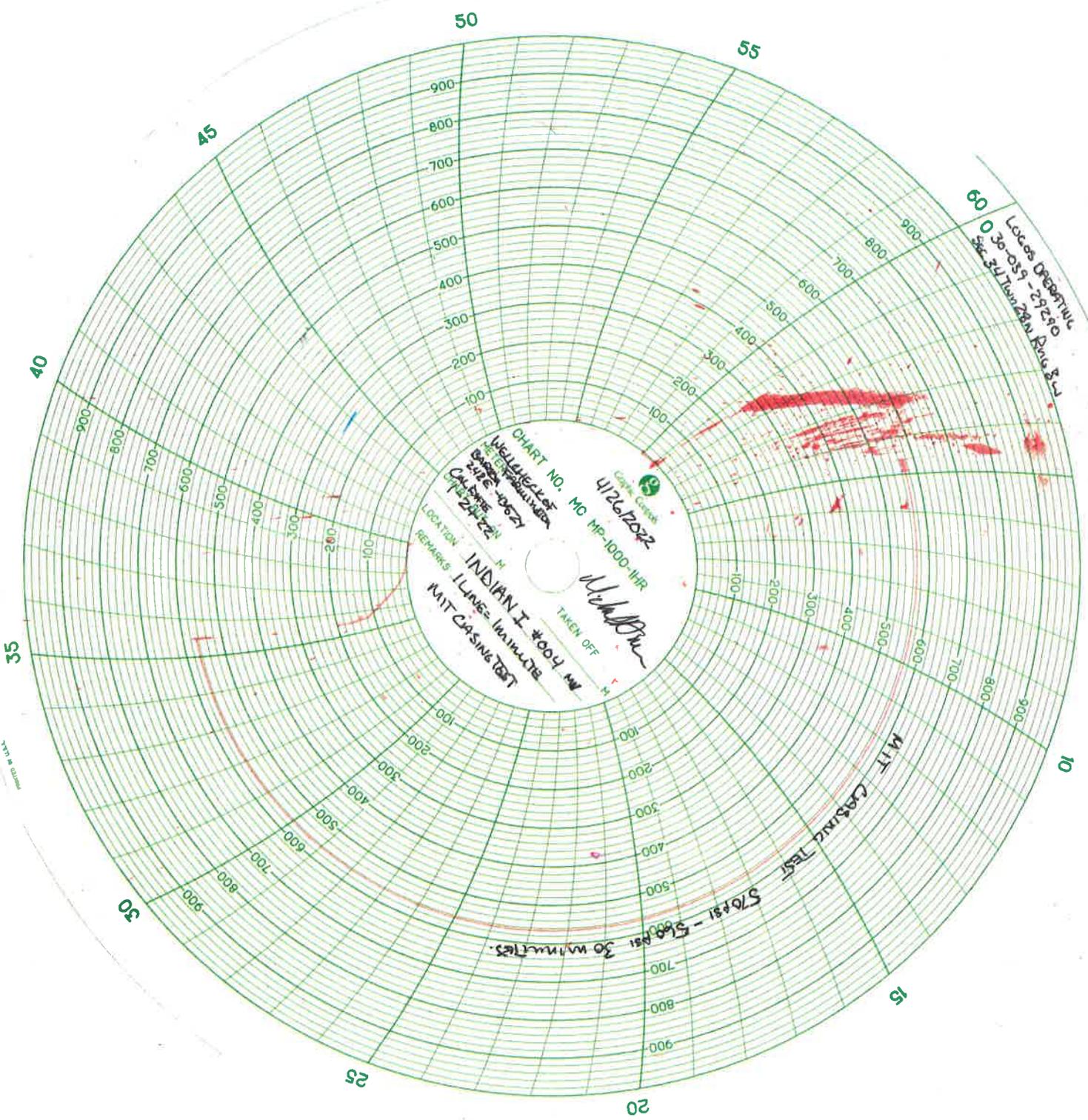
BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 04/27/2022

Signature: Kenneth Rennick



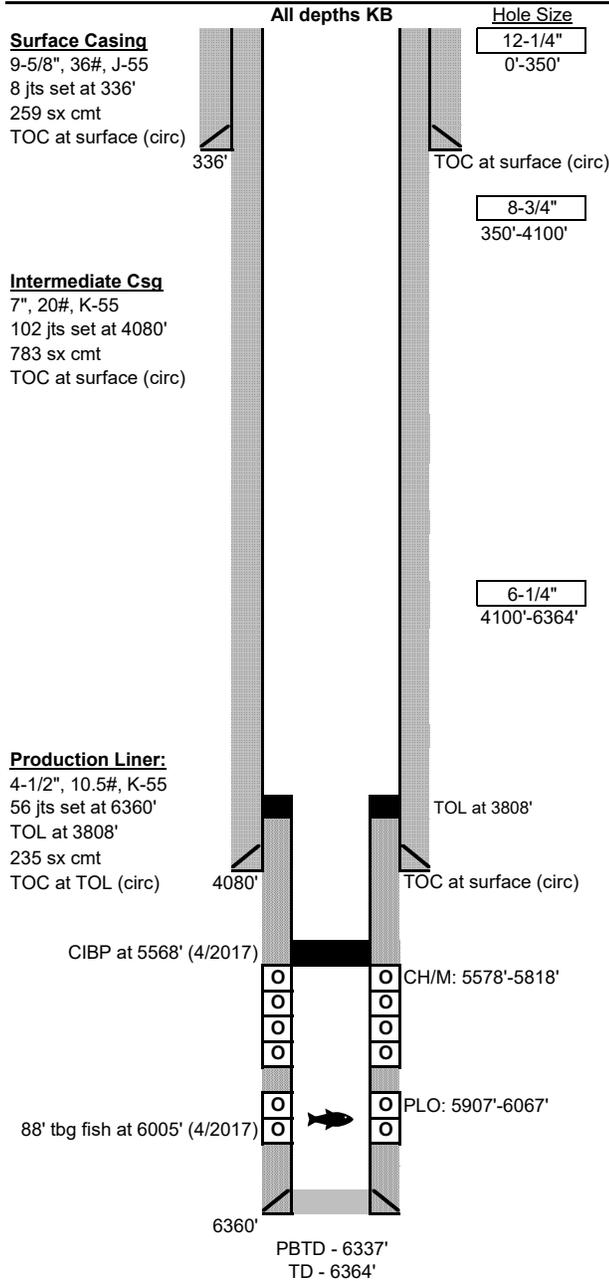


Wellbore Schematic

Well Name: Indian I 4
 Location: D, Sec 34, T28N, R03W 660' FNL & 660' FWL
 County: Rio Arriba, NM
 API #: 30-039-29290
 Co-ordinates: Lat 36.6015816° Long -107.1448441° NAD83
 Elevations: GROUND: 6949'
 KB: 6963'
 Depths (KB): PBTD: 6337'
 TD: 6364'

Date Prepared: 3/9/2022 Moss
 Reviewed By:
 Last Updated:
 Spud Date: 4/5/2005
 Completion Date: 5/16/2005
 Last Workover Date: 4/12/2017

VERTICAL WELLBORE



Surface Casing: (4/6/2005)
 Drilled 12-1/4" surface hole to 350'. Set 8 jts 9-5/8", 36#, J-55 csg at 336'.
 Cmt'd w/ 259 sx Type III cmt (1.41 yield, 14.5 ppg). Circ 30 bbls to surface.

Intermediate Casing: (4/14/2005)
 Drilled 8-3/4" intermediate hole to 4100'. Set 102 jts 7", 20#, K-55 csg at 4080'.
 Cmt'd lead w/ 733 sx Prem lite cmt (2.1 yield, 12.1 ppg, 1539 cf). Tail w/ 50 sx
 Type III cmt (1.4 yield, 14.5 ppg, 70 cf). Circ 130 bbls to surface.

Production Liner: (4/18/2005)
 Drilled 6-1/4" production hole to 6364'. Set 56 jts 4-1/2", 10.5#, J-55 csg at 6360'.
 TOL at 3808'. Cmt'd w/ 235 sx Prem lite cmt (2.15 yield, 12.3 ppg). Circ 10 bbls
 to surface.

Tubing:	Length (ft)
KB	14
*pulled 4/12/2017	

Perforations: (5/2005)
CH/MEN: 5578', 81, 85, 93, 5604', 08, 13, 16, 19, 22, 25, 28, 35, 39, 42, 55, 57, 62,
 65, 69, 86, 88, 93, 96, 99, 5702', 05, 24, 27, 31, 34, 53, 56, 60, 67, 69, 71, 77, 80,
 86, 94, 5800', 03, 06, 09, 12, 16, 5818'. 48, 0.38" holes. Acidized w/ 1250 gal 15%
 HCL. Frac w/ 9400# 14/30 Lite Prop & 2000# 20/40 sand in 2117 bbls slickwater.

PLO: 5907', 09, 12, 15, 18, 21, 25, 28, 31, 34, 37, 40, 43, 46, 49, 53, 56, 67, 72, 77,
 80, 83, 86, 97, 6004', 11, 17, 24, 26, 28, 31, 39, 45, 50, 53, 58, 61, 65, 6067'.
 39, 0.34" holes. Acidized w/ 1250 gal 15% HCL.
 Frac w/ 9400# Lite Prop & 4120# 20/40 sand in 2502 bbls slickwater.

Formations:			
Pictured Cliffs	3595'	Menefee	3890'
Lewis	3330'	Point Lookout	5634'
Cliff house	3414'	Mancos	5691'

Additional Notes:
 4/12/2017 Tbg stuck, chem cut tbg at 6005'. 88' tbg fish left downhole. Tagged
 TOF at 6005'. Ran 3.75 GR to 5585'. Scale 5250'-5585'. Set CIBP at 5568' &
 Conducted MIT test - pressured up to 642#, passed MIT. TA'd well.

Max deviation is 3° at 2762'

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

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

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 110872

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 110872
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	MIT WITNESSED BY JICARILLA - 5-YEAR MIT REQUIRED ON OR BEFORE 4/26/2027	6/15/2022