

Well Name: INDIAN H	Well Location: T28N / R3W / SEC 22 / NWNE / 36.6303398 / -107.1355625	County or Parish/State: RIO ARRIBA / NM
Well Number: 2	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC60	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003929222	Well Status: Producing Gas Well	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2765504

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 12/11/2023

Time Sundry Submitted: 02:04

Date Operation Actually Began: 12/04/2023

Actual Procedure: 12/4/23-MIRU. NDWH. TEST BOP. TIH W/ 2-3/8" TBNG. TAG PBTD @ 6353', LAY DOWN JNTS. SDFN 12/5/23- BLOW DOWN AND KILL WELL. TIH PICKING UP W/ 2-3/8" TBNG. ROTATE THROUGH PERFS AT 5677'-6150'. TOOH. TIH W TBNG. PSI TBNG TO 1000#- TEST GOOD. LAND EOT @ 5964', W/ 2/38" TBNG, 188 JNTS, 4.7#, J-55, SN @ 5962'. ND BOP AND WH. SI WELL SDFN 12/6/23- RDMO RETURN WELL BACK TO PRODUCTION

SR Attachments

Actual Procedure

Indian_H_2_WBS_20231211140420.pdf

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Operator

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

Operator Electronic Signature: LACEY GRANILLO

Signed on: DEC 11, 2023 02:04 PM

Name: LOGOS OPERATING LLC

Title: REGULATORY SPECIALIST

Street Address: 2010 AFTON PLACE

City: FARMINGTON State: NM

Phone: (505) 324-4145

Email address: LGRANILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 12/11/2023

Signature: Matthew Kade

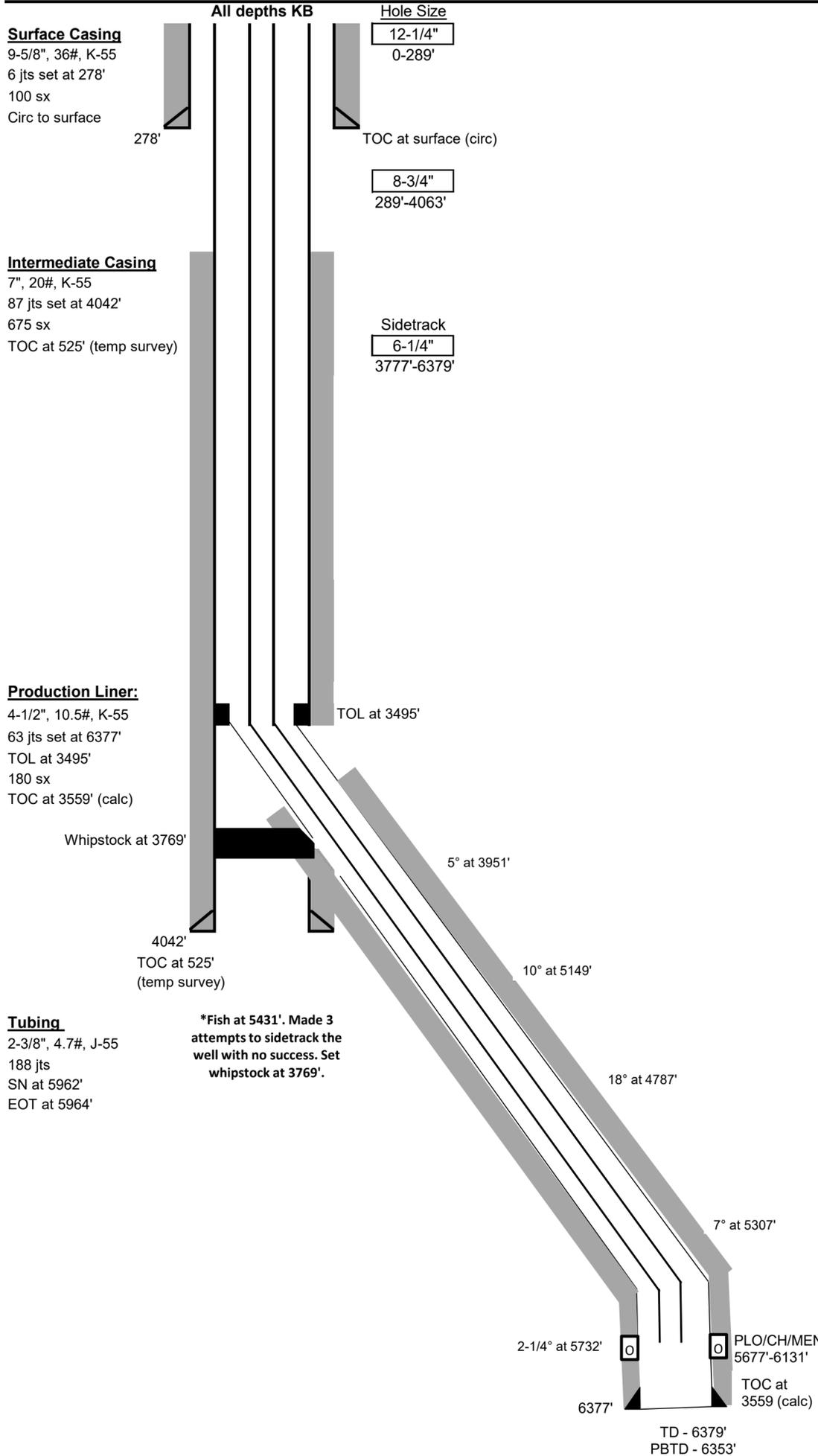


Wellbore Schematic

Well Name: Indian H #002
 Location: Sec 22, T28N, R03W 740' FNL & 2076' FEL
 County: Rio Arriba, NM
 API #: 30-039-29222
 Co-ordinates: Lat 36.6303902° Long -107.1361389°
 Elevations: GROUND: 6994'
 KB: 7008'
 Depths (KB): PBDT: 6353'
 TD: 6379'

Date Prepared: 8/24/2023 Sprague
 Reviewed By: 12/6/2023 Peace
 Spud Date: 11/18/2004
 Completion Date: 3/28/2005
 Last Workover Date: 12/5/2023

Vertical Wellbore with Directional Sidetrack



Surface Casing: (11/19/2004)
 Drilled a 12-1/4" surface hole to 289'. Set 6 jts of 9-5/8", 36#, K-55 casing at 278'.
 Cmt'd w/ 100 sx of type III cmt (141 cf, 1.41 yield, 14.5 ppg).
 Circ 1 bbl of cmt to surface.

Intermediate Casing: (11/27/2004)
 Drilled a 8-3/4" intermediate hole to 4063'. Set 87 jts of 7", 20#, K-55 casing at 4042'.
Stage 1: Cmt'd w/ 625 sx of Premium Light cmt (1300 cf, 2.08 yield, 12.1 ppg). **Stage 2:** Cmt'd w/ 50 sx of type III cmt (70 cf, 1.4 yield, 14.5 ppg). TOC at 525' per temp survey.

Production Liner: (01/28/2005)
 Drilled a 6-1/4" sidetrack hole from 3777' to 6379'. Set 63 jts of 4-1/2", 10.5#, K-55 csg at 6377'. TOL 3495'. Cmt'd lead w/ 50 sx of Premium Light cmt (2.12 yield, 12.3 ppg). Cmt'd tail w/ 130 sx of Premium Light cmt (2.15 yield, 12.3 ppg). TOC at 3559' (calc using provided yields & 75% effcy).

Tubing: (12/5/2023)	Length (ft)
KB	14
(187) 2-3/8", 4.7#, J-55 tbg jts	5914
(1) 2-3/8" x 2' pup jt	2
(1) 2-3/8", 4.7#, J-55 tbg jt	32 set at 6136'
1.78" SN w/ muleshoe collar	2
Set at:	5964 ft

Perforations: (03/2005)
PLO/CH/MEN: 5677', 80', 83', 88', 5734', 38', 43', 47', 53', 57', 5832', 36', 40', 45', 84', 5956', 60', 64', 74', 76', 80', 90', 96', 6002', 08', 12', 23', 28', 42', 46', 55', 63', 75', 79, 6100', 07', 31'. 1 spf, 0.27", 39 h
 Acidized w/ 1000 gal of 15% HCL. Frac w/ 14,020# of 14/30 Lite Prop and 5000# of 20/40 Brady Sand

Formations:	Depth
Pictured Cliffs	3536'
Lewis	3844'
Cliff House	5674'
Menefee	5694'
Point Lookout	5949'

Additional Notes:
03/2005- Drilled and completed a vertical Mesaverde well with directional sidetrack . Set 2-3/8" tbg at 6167'.
12/2023- CSG Bridge/TBG Repair- Tagged PBDT. Scanned out tbg (160r, 27g, 12b, 0y), 3 bottoms jts had heavy scale. Round tripped bit/mill. Landed tbg @ 5964', SN @ 5962'.

***All hole, casing & tubing depths have been adjusted from 11' to 14' KB.**

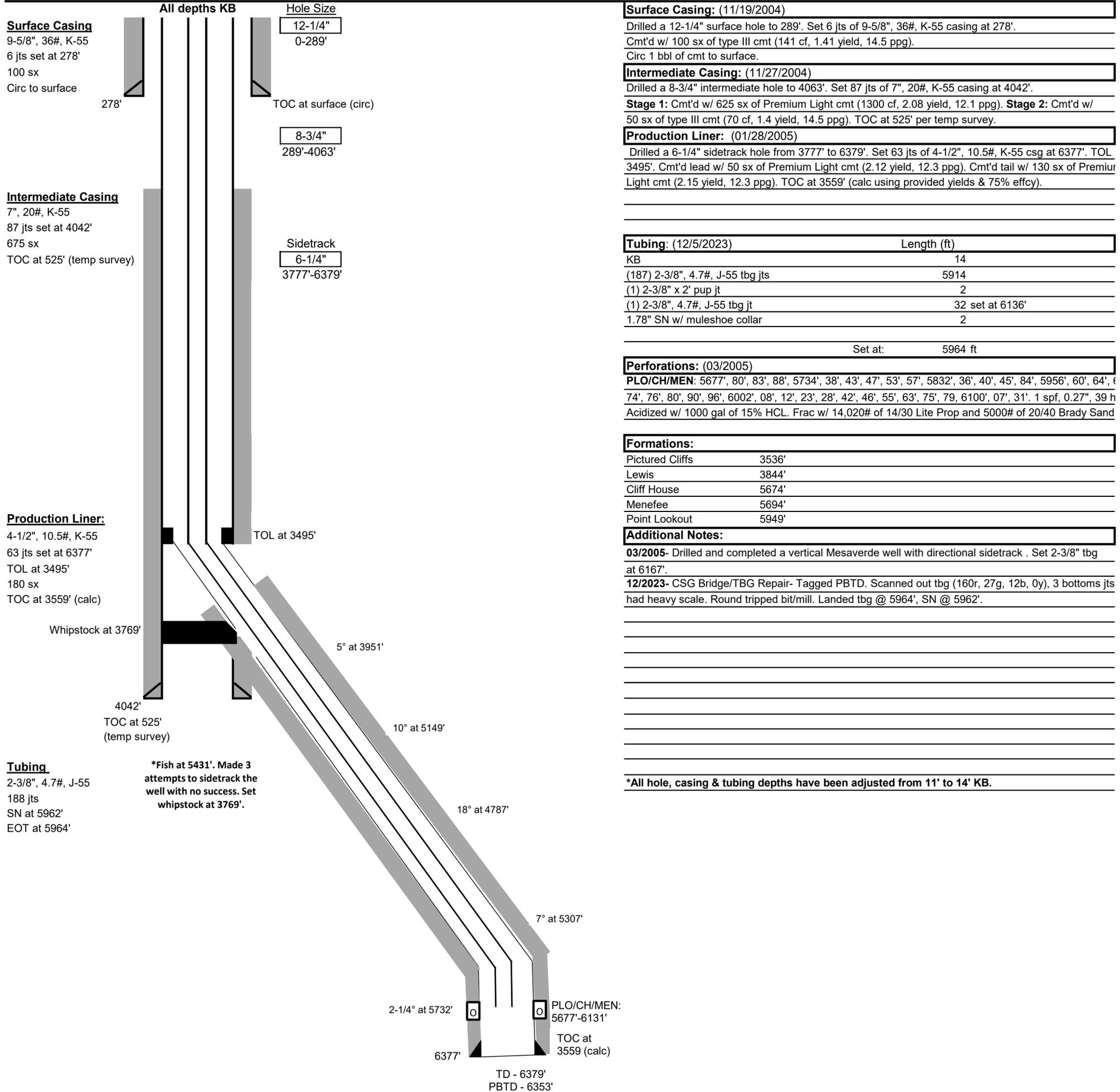


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District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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 293262

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 293262
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kelly.roberts	None	2/14/2024