

<b>Well Name:</b> JAECO 26-3 22	<b>Well Location:</b> T26N / R3W / SEC 22 / SWSE / 36.4670174 / -107.1290038	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 1A	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b> JICARILLA APACHE
<b>Lease Number:</b> 701020014	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3003930050	<b>Operator:</b> LOGOS OPERATING LLC	

**Notice of Intent**

**Sundry ID:** 2850253

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 04/30/2025

**Time Sundry Submitted:** 02:45

**Date proposed operation will begin:** 04/30/2025

**Procedure Description:** LOGOS Operating, LLC requests permission to plug and abandoned the subject well per the attached procedure and wellbore diagram.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

Jaeco\_26\_\_3\_22\_1A\_PA\_Procedure\_20250430144456.pdf

Well Name: JAECCO 26-3 22

Well Location: T26N / R3W / SEC 22 / SWSE / 36.4670174 / -107.1290038

County or Parish/State: RIO ARRIBA / NM

Well Number: 1A

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name: JICARILLA APACHE

Lease Number: 701020014

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003930050

Operator: LOGOS OPERATING LLC

### Conditions of Approval

#### Additional

Jaeco\_26\_3\_22\_1A\_Geo\_Rpt\_20250502153136.pdf

#### Authorized

General\_Requirement\_PxA\_20250505125134.pdf

2850253\_1A\_3003630050\_NOIA\_KR\_05052025\_20250505125124.pdf

### 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: ETTA TRUJILLO

Signed on: APR 30, 2025 02:46 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 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: Approved

Disposition Date: 05/05/2025

Signature: Kenneth Rennick



## Proposed Plug and Abandonment Procedure

**Jaeco 26-3 22 1A**

**API: 30-039-30050**

### Notes:

- LOGOS requests to P&A the subject well.
  - All cement volumes use 100% excess outside pipe and 50' excess inside.
  - All cement will be Class G with a 1.15 cf/sk yield or equivalent.
  - BLM & Jicarilla will be notified at least 24 hours prior to beginning work.
  - A CBL is on file for this well. TOC at 5157'.
  - The subject well was partially plugged back to 6936' with 2 plugs in 2008.
  - The subject well has been temporarily abandoned since 2012 with a cast iron bridge plug (CIBP) at 5577'.
1. Comply with all tribal, BLM, and LOGOS safety rules and regulations. Conduct safety meeting for all personnel on location.
  2. MOL and RU. Lay flow lines. Check and record bradenhead and casing pressures.
  3. Roll hole with fresh water and pressure test the casing to 560 psi for 15 minutes.
    - a. If pressure test fails, WOC and tag and record each plug top and top off with more cement if necessary.
  4. PU work string and TIH.
  5. **Plug #3: 5477' - 5577' (Perforations: 5677' / Mesaverde: 5667' / CIBP: 5577')**: Mix and spot 17 sx Class G cement.
  6. **Plug #4: 4879' - 4979' (Chacra: 4929')**: Perforate squeeze holes at 4979'. Attempt to establish injection rate. Set CICR at ~4929'. Mix and pump 32 sx Class G cement. Squeeze 15 sx outside 5-1/2" casing and leave 17 sx inside 5-1/2" casing.
  7. **Plug #5: 3530' - 4190' (Lewis: 4140' / Pictured Cliffs top: 3936' / Fruitland top: 3810' / Kirtland top: 3768' / Ojo Alamo: 3580')**: Perforate squeeze holes at 4190'. Attempt to establish injection rate. Set CICR at ~4140'. Mix and pump 143 sx Class G cement. Squeeze 62 sx outside 5-1/2" casing and leave 81 sx inside 5-1/2" casing.
  8. **Plug #6: 2499' - 2599' (Nacimiento top: 2549')**: Perforate squeeze holes at 2599'. Attempt to establish injection rate. Set CICR at ~2549'. Mix and pump 30 sx Class G cement. Squeeze 13 sx outside 5-1/2" casing and leave 17 sx inside 5-1/2" casing.
  9. **Plug #7: 0' - 368' (Surface casing shoe: 318')**: Perforate squeeze holes at 368'. Attempt to establish rate. Mix and pump 85 sx Class G cement, squeeze 37 sx outside 5-1/2" casing and leave 48 sx inside 5-1/2" casing.
  10. ND BOP and cut off wellhead below surface casing flange. Top off with cement if needed. Install P&A marker with cement per regulations. Photograph P&A marker in place. Cut off anchors and restore location per BLM stipulations.



Jaeco 26 3 22 1A P&A Planning

Formations	Tops (ft)
Surface	0
Csg Shoe	318
Nacimiento	2549
Ojo Alamo	3580
Kirtland	3768
Fruitland Coal	3810
Pictured Cliffs	3936
Lewis	4140
Chacra	4929
CIBP	5577
MV	5667

7-5/8" csg & 5-1/2" csg cap	0.0999	cf/ft
6-3/4" hole & 5-1/2" csg	0.0835	cf/ft
5-1/2" csg cap	0.1305	cf/ft
<b>Yield</b>	<b>1.15</b>	

Plugs	Reason	Inside/Outside	Top	Bottom	Length of Plug (ft)	Inside Csg Volume (cf/ft)	Outside Csg Volume (cf/ft)	# of sx inside (1.15 yield & 50' excess)	# of sx outside (1.15 yield & 100% excess or 50' inside csg)	Total # sx
3	Perfs/ MV / CIBP	Inside	5477	5577	100	0.1305		17		17
4	Chacra	Inside/Outside	4879	4979	100	0.1305	0.0835	17	15	32
5	Lewis/PC/FC/Kirt/Ojo	Inside/Outside	3530	4190	660	0.1305	0.0999	81	62	143
6	Nacimiento	Inside/Outside	2499	2599	100	0.1305	0.0999	17	13	30
7	Surf	Inside/Outside	0	368	368	0.1305	0.0999	48	37	85
Grand total cmt										307

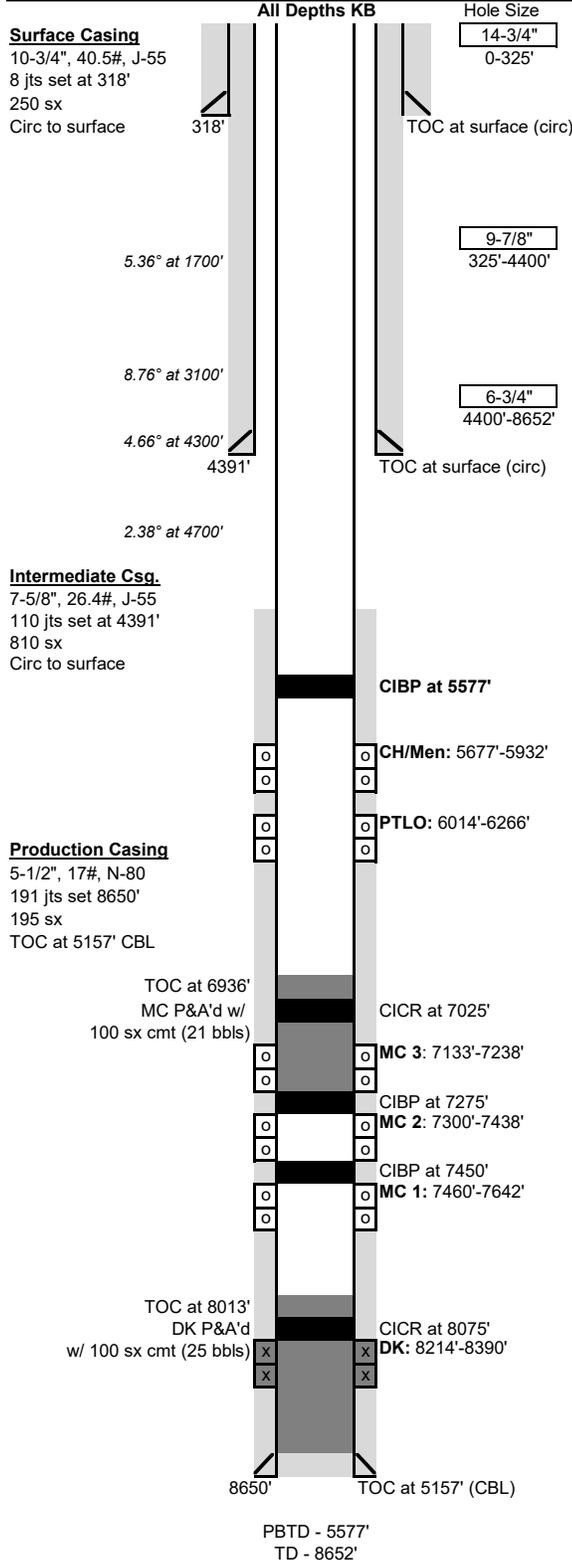


**Wellbore Schematic**

Well Name: Jaeco 26-3 22 001A  
 Location: Sec 22, T26N, R03W 790' FSL & 1850' FEL  
 County: Rio Arriba  
 API #: 30-039-30050  
 Co-ordinates: Lat 36.4686432 Long -107.1298294  
 Elevations: GROUND: 7362'  
 KB: 7376'  
 Depths (KB): PBTD: 5577' MD, 5559' TVD  
 TD: 8652' MD, 8628' TVD

Date Prepared: 6/21/2022 Peace  
 Reviewed By: 6/22/2022 Gomez  
 Last Updated: 11/7/2024 Moss  
 Spud Date: 10/31/2008  
 Completion Date: 2/23/2009  
 Last Workover Date: 10/25/2012 TA

**DIRECTIONAL WELLBORE**



**Surface Casing: (11/02/2008)**  
 Drilled a 14-3/4" surface hole to 325'. Set 8 jts 10-3/4", 40.5#, J-55 casing at 318'.  
 Cmt w/ 250 sx of Type III cmt (350 cf). Circ 25 bbls cmt to surface.

**Intermediate Casing: (11/12/2008)**  
 Drilled a 9-7/8" intermediate hole to 4400'. Set 110 jts 7-5/8", 26.4#, J-55 casing at 4391'.  
 FC at 4349'. Cmt w/ 710 sx Premium Lite (12.1 ppg, 2.11 yld, 1498 cf). Tailed w/ 100 sx Type III cmt (14.5 ppg, 1.4 yld, 139 cf). Circ 100 bbls cmt to surface.

**Production Casing: (11/13/2008)**  
 Drilled a 6-3/4" production hole to 8652'. Set 191 jts 5-1/2", 17#, N-80 casing at 8650'.  
 FC at 8603'. Cmt w/ 85 sx (11.6 ppg, 2.59 yld, 220 cf). Tailed w/ 110 sx Class H cmt. (234 cf, 12.3 ppg, 2.13 yld). TOC at 5157' (CBL - 12/2008).

Tubing: NA	Length (ft)
KB	14
NA - TA'd 2012	

**Perforations: (11/2008)**

**CH/MEN - 5677'-5932'**: 58, 0.34" holes. 5677', 80, 82, 84, 87, 90, 94, 97, 5700', 06, 08, 14, 16, 20, 25, 32, 34, 36, 68, 40, 42, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 76, 82, 86, 88, 90, 92, 94, 96, 98, 5802', 08, 73, 75, 77, 81, 84, 86, 89, 5902', 04, 06, 08, 28, 30, 5932'.  
 Acidized w/ 1000 gal 15% HCL. Frac w/ 1500# 20/40 brown sand & 3000# 100 mesh in 1788 bbls slickwater. Started to screen out at end of 0.15 ppg stage w/ 100 mesh.

**PTLO - 6014'-6266'**: 49, 0.34" holes. 6014', 16, 18, 20, 22, 26, 28, 30, 32, 6132', 34, 36, 38, 40, 44, 47, 51, 54, 56, 58, 62, 66, 68, 72, 76, 80, 82, 84, 88, 92, 96, 98, 6200', 02, 16, 12, 16, 22, 24, 26, 32, 38, 44, 50, 54, 58, 62, 64, 6266'. Acidized w/ 1000 gal 15% HCL. Frac w/ 1500# 20/40 brown sand & 7000# 100 mesh mono prop in 2544 bbls slickwater. Started to screen out at the end of 0.2 ppg stage w/ 100 mesh.

**Abandoned Perfs - See Details in Additional Notes Section**

**Stg 3 MC (2009 P&A)- 7133'-7238'**: 3 SPF. 45, 0.36" holes. 7133', 40, 48, 56, 63, 73, 79, 87, 94, 7202', 10, 18, 24, 32, 7238'. Pump test only, did not stim.

**Stg 2 MC (2009 P&A)- 7300'-7438'**: 3 SPF. 60, 0.34" holes. 7300', 10, 18, 22, 31, 40, 50, 56, 62, 70, 76, 84, 90, 96, 7402', 08, 14, 22, 30, 7438'. Acidized w/ 2000 gal 15% HCl. Frac w/ 8440# 100 mesh white sand & 88,664# 40/70 white sand in 3101 bbls slickwater. Started to screen out on last stage w/ 1.25 ppg 40/70 sand.

**Stg 1 MC (2009 P&A) - 7460'-7642'**: 3 SPF. 78, 0.34" holes. 7460', 70, 80, 88, 94, 7500', 08, 12, 18, 22, 30, 38, 44, 50, 56, 64, 70, 76, 82, 88, 96, 7604', 10, 18, 32, 7642'. Acidize w/ 2000 gal 15% HCl. Frac w/ 9160# 100 mesh white sand & 120,760# 40/70 white sand in 3858 bbls slickwater.

**DK (2008 P&A)- 8214'-8390'**: 3 SPF. 69, 0.34" holes. 8214', 20, 26, 32, 44, 54, 64, 76, 86, 92, 8304', 14, 24, 30, 36, 46, 56, 66, 70, 74, 82, 86, 8390'. Acidize w/ 2000 gal 15% HCL. Frac w/ 8020# 100 mesh white sand & 120,420# 40/70 white sand in 3795 bbls slickwater.

**Formations:**

Nacimiento-	2549'	Lewis-	4140'
Ojo Alamo-	3580'	Chacra -	4929'
Kirtland-	3768'	Mesaverde-	5667'
Fruitland-	3810'	Mancos-	6607'
Pictured Cliff-	4000'	Dakota-	8210'

**Additional Notes:**

11/2008 Initial Completion. Completed the DK. P&A'd DK after FB 10 days, set CIBP at 8075' P&A'd DK w/ 100 sx type III neat cmt (14.6 ppg, 1.39 yld, 25 bbls), stung into CIBP & pumpe 23.5 bbls cmt. Stung out of CIBP & spotted 1.5 bbls cmt on top of CIBP. TOC at 8013'. Completed 1st stage of MC, left CIBP at 7450'. Completed 2nd stage of MC, left CIBP at 7275'. Completed 3rd stage of MC, & decided to P&A MC. Set CIBP at 7025' & P&A w/ 100 cmt (15.3 ppg, 1.18 yld, 21 bbls). Stung into CIBP & pumped 19.5 bbls cmt, stung out & spotted 1.5 bbls cmt. TOC at 6936'. Perf'd & stim'd PLO & CH/Men, screened out at end of both fracs. Spent 7 days trying to unload water. Set 2-7/8" tbg at 6126' w/ Model R packer at 5962' to isolate formations. Spent 15 days trying to unload PLO. Unseated pkr & unload w/ air pkg. Total fluid recovered was 3068 bbls. Landed 2-7/8" tbg at 6249'.  
**10/2012**- LD 2-7/8" J-55. Set 5-1/2" Owen CIBP at 5577'. PT csg to 550#, lost 10# during 30 min test, held solid for 10 min, OCD approved MIT.

**Max deviation 8.76 degrees at 3100'**

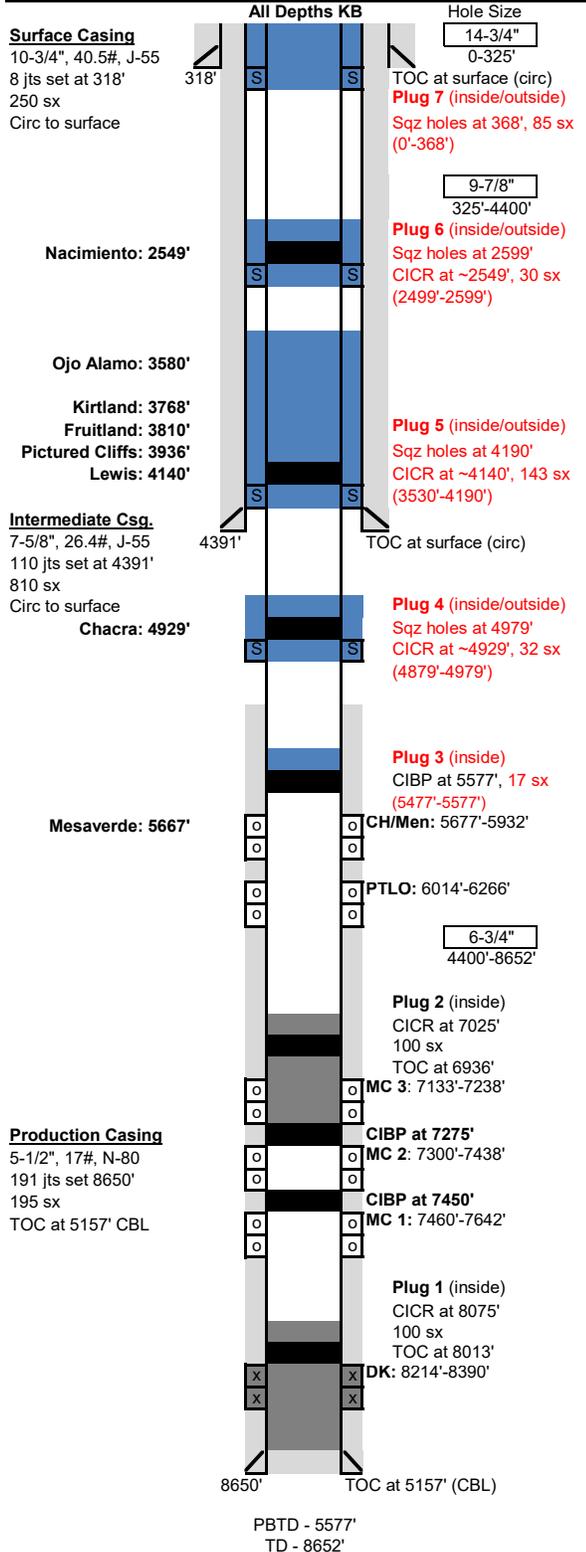


**Proposed P&A Wellbore Schematic**

Well Name: Jaeco 26-3 22 001A  
 Location: Sec 22, T26N, R03W 790' FSL & 1850' FEL  
 County: Rio Arriba  
 API #: 30-039-30050  
 Co-ordinates: Lat 36.4686432 Long -107.1298294  
 Elevations: GROUND: 7362'  
 KB: 7376'  
 Depths (KB): PBTD: 5577' MD, 5559' TVD  
 TD: 8652' MD, 8628' TVD

Date Prepared: 6/21/2022 Peace  
 Reviewed By: 6/22/2022 Gomez  
 Last Updated: 11/7/2024 Moss  
 Spud Date: 10/31/2008  
 Completion Date: 2/23/2009  
 Last Workover Date: 10/25/2012 TA

**DIRECTIONAL WELLBORE**



**Surface Casing:** (11/02/2008)  
 Drilled a 14-3/4" surface hole to 325'. Set 8 jts 10-3/4" 40.5#, J-55 casing at 318'.  
 Cmt w/ 250 sx of Type III cmt (350 cf). Circ 25 bbls cmt to surface.

**Intermediate Casing:** (11/12/2008)  
 Drilled a 9-7/8" intermediate hole to 4400'. Set 110 jts 7-5/8", 26.4#, J-55 casing at 4391'.  
 FC at 4349'. Cmt w/ 710 sx Premium Lite (12.1 ppg, 2.11 yld, 1498 cf). Tailed w/ 100 sx Type III cmt (14.5 ppg, 1.4 yld, 139 cf). Circ 100 bbls cmt to surface.

**Production Casing:** (11/13/2008)  
 Drilled a 6-3/4" production hole to 8652'. Set 191 jts 5-1/2", 17#, N-80 casing at 8650'.  
 FC at 8603'. Cmt w/ 85 sx (11.6 ppg, 2.59 yld, 220 cf). Tailed w/ 110 sx Class H cmt. (234 cf, 12.3 ppg, 2.13 yld). TOC at 5157' (CBL - 12/2008).

**Tubing:** NA Length (ft)  
 KB 14

**Perforations:** (11/2008)  
**CH/MEN - 5677'-5932':** 58, 0.34" holes. 5677', 80, 82, 84, 87, 90, 94, 97, 5700', 06, 08, 14, 16, 20, 25, 32, 34, 36, 68, 40, 42, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 76, 82, 86, 88, 90, 92, 94, 96, 98, 5802', 08, 73, 75, 77, 81, 84, 86, 89, 5902', 04, 06, 08, 28, 30, 5932'.  
 Acidized w/ 1000 gal 15% HCL. Frac w/ 1500# 20/40 brown sand & 3000# 100 mesh in 1788 bbls slickwater. Started to screen out at end of 0.15 ppg stage w/ 100 mesh.

**PTLO - 6014'-6266':** 49, 0.34" holes. 6014', 16, 18, 20, 22, 26, 28, 30, 32, 6132', 34, 36, 38, 40, 44, 47, 51, 54, 56, 58, 62, 66, 68, 72, 76, 80, 82, 84, 88, 92, 96, 98, 6200', 02, 16, 12, 16, 22, 24, 26, 32, 38, 44, 50, 54, 58, 62, 64, 6266'. Acidized w/ 1000 gal 15% HCL. Frac w/ 1500# 20/40 brown sand & 7000# 100 mesh mono prop in 2544 bbls slickwater. Started to screen out at the end of 0.2 ppg stage w/ 100 mesh.

**Abandoned Perfs - See Details in Additional Notes Section**

**Stg 3 MC (2009 P&A)- 7133'-7238':** 3 SPF. 45, 0.36" holes. 7133', 40, 48, 56, 63, 73, 79, 87, 94, 7202', 10, 18, 24, 32, 7238'. Pump test only, did not stim.

**Stg 2 MC (2009 P&A)- 7300'-7438':** 3 SPF. 60, 0.34" holes. 7300', 10, 18, 22, 31, 40, 50, 56, 62, 70, 76, 84, 90, 96, 7402', 08, 14, 22, 30, 7438'. Acidized w/ 2000 gal 15% HCL. Frac w/ 8440# 100 mesh white sand & 88,664# 40/70 white sand in 3101 bbls slickwater. Started to screen out on last stage w/ 1.25 ppg 40/70 sand.

**Stg 1 MC (2009 P&A) - 7460'-7642':** 3 SPF. 78, 0.34" holes. 7460', 70, 80, 88, 94, 7500', 08, 12, 18, 22, 30, 38, 44, 50, 56, 64, 70, 76, 82, 88, 96, 7604', 10, 18, 32, 7642'. Acidize w/ 2000 gal 15% HCL. Frac w/ 9160# 100 mesh white sand & 120,760# 40/70 white sand. in 3858 bbls slickwater.

**DK (2008 P&A)- 8214'-8390':** 3 SPF. 69, 0.34" holes. 8214', 20, 26, 32, 44, 54, 64, 76, 86, 92, 8304', 14, 24, 30, 36, 46, 56, 66, 70, 74, 82, 86, 8390'. Acidize w/ 2000 gal 15% HCL. Frac w/ 8020# 100 mesh white sand & 120,420# 40/70 white sand in 3795 bbls slickwater.

**Formations:**

Nacimiento-	2549'	Lewis-	4140'
Ojo Alamo-	3580'	Chacra -	4929'
Kirtland-	3768'	Mesaverde-	5667'
Fruitland-	3810'	Mancos-	6607'
Pictured Cliff-	4000'	Dakota-	8210'

**Additional Notes:**  
**11/2008** Initial Completion. Completed the DK. P&A'd DK after FB 10 days, set CIBC at 8075 P&A'd DK w/ 100 sx type III neat cmt (14.6 ppg, 1.39 yld, 25 bbls), stung into CIBC & pumpe 23.5 bbls cmt. Stung out of CIBC & spotted 1.5 bbls cmt on top of CIBC. TOC at 8013'. Completed 1st stage of MC, left CIBC at 7450'. Completed 2nd stage of MC, left CIBC at 7275'. Completed 3rd stage of MC, & decided to P&A MC. Set CIBC at 7025' & P&A w/ 100 cmt (15.3 ppg, 1.18 yld, 21 bbls). Stung into CIBC & pumped 19.5 bbls cmt, stung out & spotted 1.5 bbls cmt. TOC at 6936'. Perf'd & stim'd PLO & CH/Men, screened out at end of both fracs. Spent 7 days trying to unload water. Set 2-7/8" tbg at 6126' w/ Model R packer at 5962' to isolate formations. Spent 15 days trying to unload PLO. Unseated pkr & unload w/ air pkg. Total fluid recovered was 3068 bbls. Landed 2-7/8" tbg at 6249'.  
**10/2012** LD 2-7/8" J-55 tbg. Set 5-1/2" Owen CIBC at 5577'. PT csg to 550#, lost 10# during 30 min test, held solid for 10 min, OCD approved MIT.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 458758

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 458758
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	Approved for record only	5/5/2025