

Well Name: ROSA UNIT	Well Location: T31N / R4W / SEC 30 / NESW / 36.87013 / -107.29694	County or Parish/State: RIO ARRIBA / NM
Well Number: 315	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF078774	Unit or CA Name: ROSA UNIT - FRUITLAND PA	Unit or CA Number: NMNM78407D
US Well Number: 300392521901S1	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2820139

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 10/31/2024

Time Sundry Submitted: 09:59

Date Operation Actually Began: 10/05/2024

Actual Procedure: 10/05/2024 - RU, ND WH, NU and function test BOP. Good test. MU 4-3/4" mill. TIH, tag plug @ 3240'. RU swivel. SIW. SDFN. 10/06/2024 - Mill out CIBP @ 3240'. Tag 2nd CIBP @ 3304'. Mill out hard packed sand down to 3312'. PU mill to 2900'. SDFN. 10/07/2024 - Clean out to PBTD @ 3523'. Circulate clean. TOOHL 4-3/4" mill. TIH w/107jts, 2-3/8" tbg, landed @ 3427', J-55. ND BOP, NU WH, SIW, SDFN, RU for rods. 10/08/2024 - TIH w/ rods, RHAC-Z HVR. Load tbg with 11bbls of produced water. PT tbg to 600psi. Good test.

SR Attachments

Actual Procedure

Rosa_Unit_315__Well_Schematic_20241031095751.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: ETTA TRUJILLO

Signed on: OCT 31, 2024 09:59 AM

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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 11/01/2024

Signature: Matthew Kade



Wellbore Schematic

Well Name: Rosa Unit 315
 Location: Unit K, Sec 30, T31N, R04W 2548' FSL & 2066' FWL
 County: Rio Arriba
 API #: 30-039-25219
 Co-ordinates: Lat 36.8703003 Long -107.2974243
 Elevations: GROUND: 6549'
 KB: 6561'
 Depths (KB): PBTD: 3523'
 TD: 3580'

Last Updated: 10/22/2024 Sullivan
 Reviewed by: Oct 24, 2024 *Casidy Price*
 Spud Date: 10/18/1992
 Completion Date: 9/6/1993
 Last Workover Date: 10/5/2024

Surface Casing

9-5/8", 36# J-55
 6 jts set at 300'
 165 sx
 Circ to surface

Hole Size
 12-1/4"
 0-363'
 TOC at surface (circ)
 Mill window 411'-437'

Cut csg at 505'
 Spotted 50 sx
 327'-545'

Abandoned Production Csg

5-1/2", 17#, J-55
 Set at 3499'
 125 sx
 TOC at 2400' (CBL)
 Sqz'd csg at 2500'
 w/ 600 sx

Sidetrack Production Csg

5-1/2", 17#, N-80
 80 jts set at 3573'
 547 sx
 TOC at 900' (CBL)

Tubing

2-3/8" 4.7# J-55
 107 jts
 SN at 3394'
 EOT at 3427'

Perf holes at 2500'
 Sqz w/ 600sx cmt (1993)

DV tool at 2939'

Set cmt retainer at 3270'
 Pump 50sx below & above
 FC: 3296'-3301'

FC: 3350'-52'
 FC: 3356'-64'
 FC: 3370'-76'
 FC: 3379'-84'

3499'

TD: 3500'

PBTD: 3523'
 TD: 3580'

Sidetrack
 7-7/8"
 327'-3580'

Abandoned
 7-7/8"
 363'-3500'

Surface Casing: (10/18/1992)

Drilled a 7-7/8" surface hole to 363'. Set 8-5/8", 24#, J-55 casing at 355'.
 Cmt'd w/ 225 sx Class B cmt (266 cf). Circ 114 cf to surface.

Abandoned Production Casing: (10/25/1992)

Drilled a 7-7/8" production hole to 3500'. Set 5-1/2", 17#, J-55 casing at 3499'.
 Float collar at 3471'. DV tool at 2939'. Cmt lead w/ 25 sx 50/50 POZ (32cf) w/ 100sx
 Class B cmt (118 cf). Had to shut down for winter. TOC at 2400' (6/1993 CBL)
 (07/1993) Perf'd 3 sqz holes at 2500'. Sqz'd w/ 500 sx Halliburton Lite cmt & tailed w/
 100 sx Class B cmt. TOC at 1320' per 1999 CBL.
 (10/1999) Set a cmt retainer at 3270' and pumped 50 sx below & 50 sx above.

Sidetrack Production casing (10/1999)

Cut 5-1/2" csg at 505' and pulled. Spotted 50 sx Class H cmt 300'-545'. Tagged cmt at 327'.
 DO cmt & milled window 411'-437'. Drilled a 7-7/8" production hole to 3580'. Set 80 jts
 5-1/2", 17#, N-80 csg at 3573' w/ DV tool at 3077'. Stage 1: cmt w/ 165 sx Class H cmt.
 Stage 2: cmt w/ 332 sx Type III, 35/65 POZ tailed by 50 sx Class H cmt. DO cmt to 3523'.
 TOC at 900' per 10/26/1999 CBL

Tubing: (10/7/2024)

KB	12
(107) 2-3/8" 4.7# J-55 tbg jts	3382
(1) 1.78" SN	1
(1) 2-3/8" 4.7# J-55 tbg jt w/ MS end	32
Set at:	3427 ft

Rods: (10/8/2024)

(1) 1-1/4" x 22' PR w/ 1-1/2" x 10' liner	22
(17) 3/4" guided rods	425
(110) 3/4" plain rods	2750
(7) 1-1/4" sinker bars	175
(1) 21K shear tool	1
(1) 3/4" x 8' guided pony rod	8
(1) 2" X 1 1/4" X 9' X 13' RHAC-Z pump	13

Pumping Unit:

Dansco 114-143-64 / 64" stroke length

Perforations:

6/1993 - FC: 3296'-3301', 3350'-3352', 3356'-3364', 3370'-3376', 3379'-3384'.
 93, 0.5" holes. Acidized w/ 600 gal 7.5% HCL. Frac w/ 26,440# 40/70 sand &
 201,000# 20/40 sand in 5,500 gal liner gel & 103,230 gal 25# Borate X-link gel.

10/1999 - FC: 3302'-06', 3353'-58', 3361'-69', 3372'-78', 3383'-88'. 4spf, 112, 0.36" holes.
 Acidized 3353'-3388' w/ 900 gal 15% HCL & 3302'-3306' w/ 100 gal 15% HCL
 Frac 3302'-3388' w/ 223,970# 12/20 Ottawa sand in 93,720 gal 20# Delta 140 frac fluid.

Formations:

Ojo Alamo-	2770	Fruitland Coal-	3180'
Kirtland-	2832'	Pictured cliffs-	3425'

Additional Notes:

(10/1992) Finished drilling & setting casing. Had to MOL due to winter closure.
 (09/1993) Completed well. Perf'd & frac'd FC formation. Perf'd csg at 2500' & sqzd w/
 600 sx cmt. CO to 3450' and landed 2-7/8" tubing at 3347'.
 (9/1995- 7/1998) well was SI due to economics, produced 7mcf/d & ~22 bwpd.
 (08/1998) PU install. See Well History for details.
 (09/1999) Drilled sidetrack, completed FC formation, CO to 3523. Landed 2-7/8" tbg at
 3378'. Ran 7/8" plain rods and a 2.5"x2"x20' RWAC pump.
 2 WO's - 9/2004 & 4/2015. See Well History for details
 (04/2017) Pulled rods & tbg. Ran csg scraper to 3312'. Attempted to set CIBP at 3240'.
 CIBP fell downhole, did not fish. Set new CIBP at 3240'. Loaded hole w/ 45 bbls fluid.
 Pressure tested to 590#, passed test.
 (10/2024) - RTP. Mill out CIBP at 3240'. Mill second plug at 3304'. Cleanout fill to
 3523'. TIH w/ tbg. Land EOT at 3427', SN at 3394'. TIH w/ rods and new pump
 2" X 1 1/4" X 9' X 13' RHAC-Z

Max deviation is 7°

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 404725

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 404725
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	8/29/2025