

| | | |
|--------------------------------|---|---|
| Well Name: CARRACAS NP WDW | Well Location: T32N / R5W / SEC 27 / SENE / 36.95398 / -107.34341 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 82 | Type of Well: INJECTION - ENHANCED RECOVERY | Allottee or Tribe Name: |
| Lease Number: NMNM30016 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300392427800S1 | Operator: MORNINGSTAR OPERATING LLC | |

Subsequent Report

Sundry ID: 2833064

| | |
|---|-------------------------------------|
| Type of Submission: Subsequent Report | Type of Action: Workover Operations |
| Date Sundry Submitted: 01/21/2025 | Time Sundry Submitted: 01:13 |
| Date Operation Actually Began: 01/09/2025 | |

Actual Procedure: MorningStar submits the attached Subsequent Report for the WO on the Carracas Unit 27A 82. A successful MIT chart has been uploaded to Well Tests.

SR Attachments

Actual Procedure

Subsequent_Procedure__WO_for_MIT_2025__20250121131257.pdf

Received by OCD: 1/22/2025 8:45:33 AM

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| | | | |
|--------------------------------|---|---|---|
| Well Name: CARRACAS NP WDW | | Well Location: T32N / R5W / SEC 27 / SENE / 36.95398 / -107.34341 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 82 | Type of Well: INJECTION - ENHANCED RECOVERY | | Allottee or Tribe Name: |
| Lease Number: NMNM30016 | Unit or CA Name: | Unit or CA Number: | |
| US Well Number: 300392427800S1 | Operator: MORNINGSTAR OPERATING LLC | | |

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: CONNIE BLAYLOCK | Signed on: JAN 21, 2025 01:13 PM |
| Name: MORNINGSTAR OPERATING LLC | |
| Title: Regulatory Technician | |
| Street Address: 400 W 7th St. | |
| City: Forth Worth | State: TX |
| Phone: (817) 334-7882 | |
| Email address: CBLAYLOCK@MSPARTNERS.COM | |

Field

| | | |
|--------------------------------------|--------|------|
| Representative Name: Amy Byars | | |
| Street Address: | | |
| City: | State: | Zip: |
| Phone: | | |
| Email address: abyars@mspartners.com | | |

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: 01/21/2025 |
| Signature: Matthew Kade | |

Subsequent Procedure
Carracas Unit 27A 82 (SWD #1)

- Pressure test tubing prior to rig arrival – pressure test successful
- 01/09/2025 MIRU workover services
- POOH injection tubing and packer – no visual issues
- RIH workstring and bit to ensure passage of RBP
- RIH RBP and set ~9450' – attempt to load and pressure test casing – not successful
- RIH workstring and service packer – set in liner ~9326' - test down tubing failed – test down tbg-csg annulus successful – RBP leaking
- POOH LD workstring and service packer
- RIH existing injection string and redressed packer – set packer ~9295' and EOT ~9304' – packer fluid in tbg-csg annulus to surface
- Test casing with rig – successful test
- Complete witnessed MIT test and given verbal approval by NMOCD to start injecting – 01/18/2025
- 01/20/2025 RDMO workover services

MIT Start: 555 psi, End 555 psi

| | | |
|----------------------------|---|---|
| Well Name: CARRACAS NP WDW | Well Location: T32N / R5W / SEC 27 / SENE / 36.95398 / -107.34341 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 82 | Type of Well: INJECTION - ENHANCED RECOVERY | Allottee or Tribe Name: |
| Lease Number: NMNM30016 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3003924278 | Operator: MORNINGSTAR OPERATING LLC | |

Subsequent Report

Sundry ID: 2833069

| | |
|---|------------------------------|
| Type of Submission: Subsequent Report | Type of Action: Well Test |
| Date Sundry Submitted: 01/21/2025 | Time Sundry Submitted: 01:18 |
| Date Operation Actually Began: 01/18/2025 | |

Actual Procedure: MorningStar Operating submits the attached 5 Yr MIT, Start 555 psi, End 555 psi.

SR Attachments

Actual Procedure

MIT_Chart_20250121131651.pdf

Well Number: 82

Type of Well: INJECTION - ENHANCED RECOVERY

Allottee or Tribe Name:

Lease Number: NMNM30016

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003924278

Operator: MORNINGSTAR OPERATING LLC

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: CONNIE BLAYLOCK

Signed on: JAN 21, 2025 01:17 PM

Name: MORNINGSTAR OPERATING LLC

Title: Regulatory Technician

Street Address: 400 W 7th St.

City: Forth Worth

State: TX

Phone: (817) 334-7882

Email address: CBLAYLOCK@MSPARTNERS.COM

Field

Representative Name: Amy Byars

Street Address:

City:

State:

Zip:

Phone:

Email address: abyars@mspartners.com

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

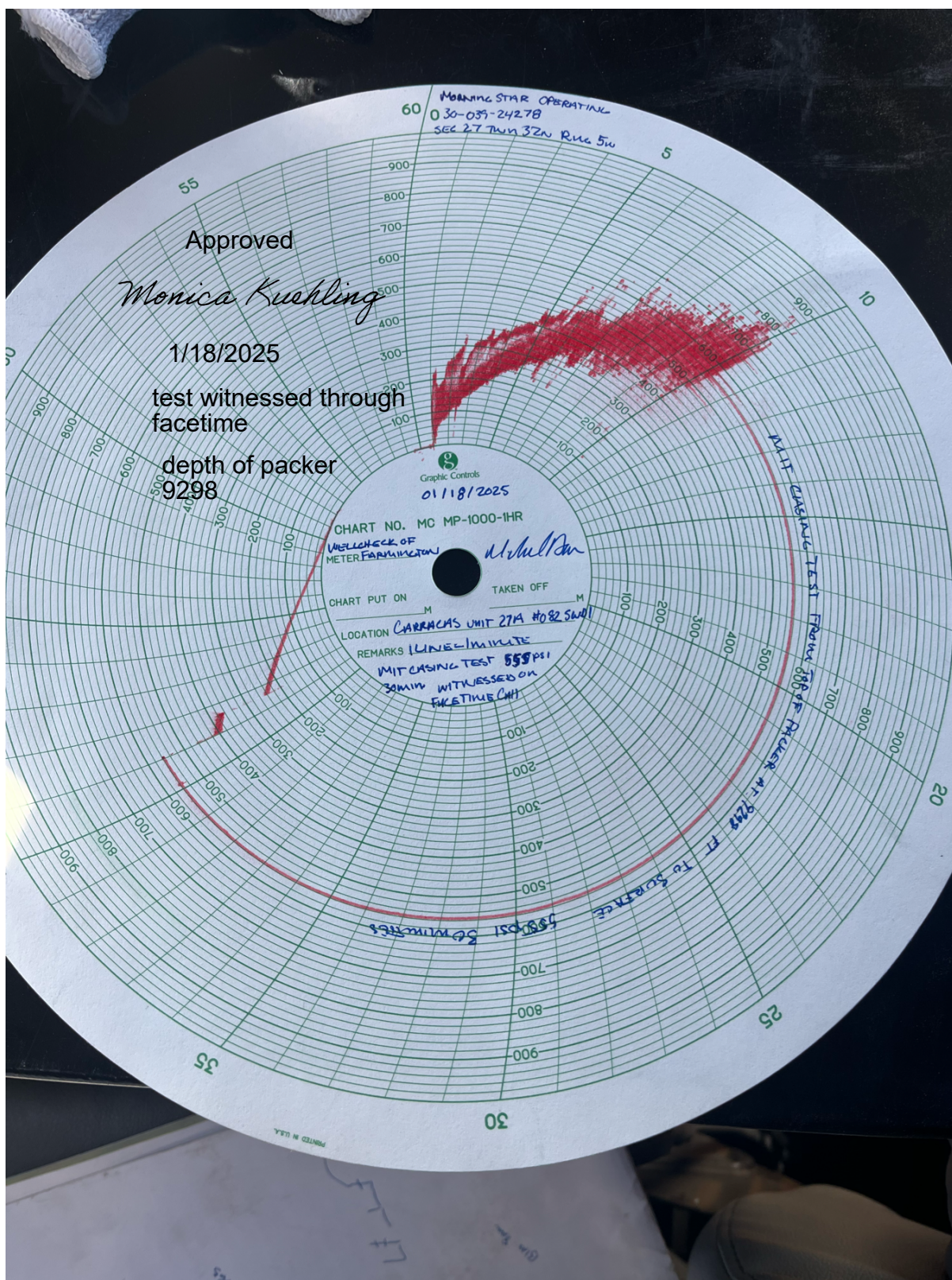
BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 01/21/2025

Signature: Matthew Kade





From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, January 21, 2025 10:06 AM
To: Mike Werbner <mike@wellcheckinc.com>
Cc: Mike Howe <MHowe@ctfieldsvcs.com>; Connie Blaylock <cblaylock@txopartners.com>; Denise Casaus <dcasaus@ctfieldsvcs.com>
Subject: EXTERNAL:RE: [EXTERNAL] MIT CASING TEST 01/18/2025 CARRACAS UNIT 27A #082 SWD #1 MORNING STAR OPERATING HENRY VALDEZ

This email contains a link!

This email contains a World Wide Web link. Use caution when following links as they could open malicious web sites.

- Helpdesk

Thank you Mike/Wellcheck

NMOCD approves MIT on the Carracas SWD 27A #82 30-039-24278 – test performed through face time January 18, 2025– a kill check will need to be performed

Please include signed chart above with subsequent along with this email.

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Mike Werbner <mike@wellcheckinc.com>
Sent: Saturday, January 18, 2025 2:25 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Subject: [EXTERNAL] MIT CASING TEST 01/18/2025 CARRACAS UNIT 27A #082 SWD #1 MORNING STAR OPERATING HENRY VALDEZ

You don't often get email from mike@wellcheckinc.com. [Learn why this is important](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon Monica,

Please see the attached chart and location sign for the MIT casing test on the Carracas SWD #1. If you need any of the other photos from the test please let me know. We tested from the top of the packer at 9298ft to surface, the bottom of the tubing is at 9303ft.

Thank you,
Michael Werbner
Operations Manager
Wellcheck of Farmington Inc.
505-327-9255

MorningStar Operating, LLC

Order No. SWD-361 –
Max Surface Inj Pressure of 1,940
psig

Carracas SWD #1
fka Carracas 27A82
Rio Arriba County, NM

TD – 10,060'; PBTD – 9,975'; RBP @ 9,641'

17-1/2" hole
Surface Csg: 13-3/8" 54.4# J-55
Setting Depth: 319'

Cement
385 sx Class B (454 ft³)
Circulate cmt to surface

12-1/4" Hole
Prod Csg: 9-5/8" 40/43.5# N-80 Csg
Setting Depth: 4,143'

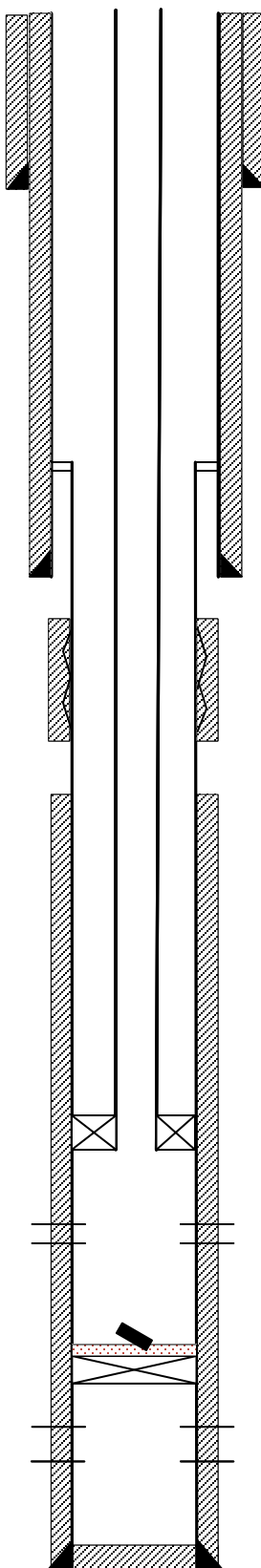
Cement
Lead: 600 sx 65/35
Tail: 350 sx 50/50
100 sx Class B
Circulate cmt to surface

8-3/4" Hole
Liner: 7" 23/26/29# N-80
Setting Depth: 10,053'
TOL: 3,898'

Cement
550 sx 65/35 Poz
350 sx 50/50 poz (1928 ft³)
Full Returns, Partial Returns, Lost Returns thru
liner cementing
TOC @ 5,350' – BlueJet CBL 8-9-19
TOC below liner top ~4208' Basin Well Logging CBL
11/08/2024

Baker Retr. BP @ 9641' w/ 5
gal Sd on top
**Tong Die Dropped on Top
of RBP/Sand**

Entrada Perfs (TA'd):
9680-9790'
1 shot per 2', 56 Holes



PBTD: 9,975'

Prepared by: C Arnold
Date: 08/28/2019
Update: Bberry 01.21.2025

KB = 12'
GL = 7,175'
API# 30-039-24278

Spud Date: 12/01/1988
Completion Date: 02/24/1989

*Chacra: 5,200'
*Cliff House: 5,465'
*Menefee: 6,280'
*Point Lookout: 6,440'
*Mancos: 6,650'
*Gallup: 7,705'
*Greenhorn Member of Mancos: 8,497'
*Dakota: 8,672'
*Morrison: 9,690'

*All depths as detailed in Online NMOCD
Permitting Well Details under Formation
Tops section

Sqz Csg Leak 8-13-2019:

Isolated csg leak via pkr f/ 4968-5180'
Set 7" CICR @ 4951'
Inject 1.5 bpm @ 585 psi
Pump 250 sks of 15.8#, 1.16 yield cmt
Avg 1.5 bpm, 50 psi
Well went on vacuum 10 bbls into displacement
Pump additional 193 sks of cmt and hesitate sqz
Walk pressure up to 415 psi during displacement
Drill out and test to 625 psi - OK

Prod Tbg: 01/18/2024

3-1/2" 9.3# IPC Tbg 290 jts
(96 jts RR YB, 13 jts MSO YB, 35 Jts New DHPS, 146 jts
RR YB) – sq shldr cplgs bottom 34 jts – next 112 jts
above this noted to have beveled cplgs
2-7/8" x 3-1/2" SS XO
2-7/8" SS X nipple w/2.313" Profile
2-7/8" x 5.875" Nickel Coated AS1X Packer w/300° F
Elements
2 7/8" SS XN w/2.313" Profile/2.205" No Go
2-7/8" SS WLEG

Pkr @ 9,295' w/ 40k# Compression
EOT @ 9,304'

Morrison Perfs:

9555-9596'
1 SPF, 42 Holes

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 423381

CONDITIONS

| | |
|--|--|
| Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102 | OGRID: 330132 |
| | Action Number: 423381 |
| | Action Type: [C-103] Sub. Workover (C-103R) |

CONDITIONS

| Created By | Condition | Condition Date |
|----------------|-----------|----------------|
| andrew.fordyce | None | 9/16/2025 |