

Submit Copy To Appropriate District

Office

District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-039-30148	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name CARRACAS SWD	
8. Well Number 002	
9. OGRID Number 330132	
10. Pool name or Wildcat SWD; ENTRADA-CHINLE	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> SWD 2. Name of Operator MORNINGSTAR OPERATING LLC 3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102 4. Well Location Unit Letter <u>I</u> : <u>1489</u> feet from the <u>S</u> line and <u>134</u> feet from the <u>E</u> line Section <u>09</u> Township <u>32N</u> Range <u>04W</u> NMPM County <u>RIO ARRIBA</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6222' GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion

02/13/2025 MIRU.

Killed well down tubing, ND, WH, NU BOP. Added tubing sub, pulled tension into packer to set packer elements.

Set packer in compression, let well sit a day to allow all fluid to stabilize.

ND BOP, NU WH, conducted preliminary pressure test - good.

Ran successful MIT: Start 460 psi, End 442 psi.

02/19/2025 RDMO. RWTI.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

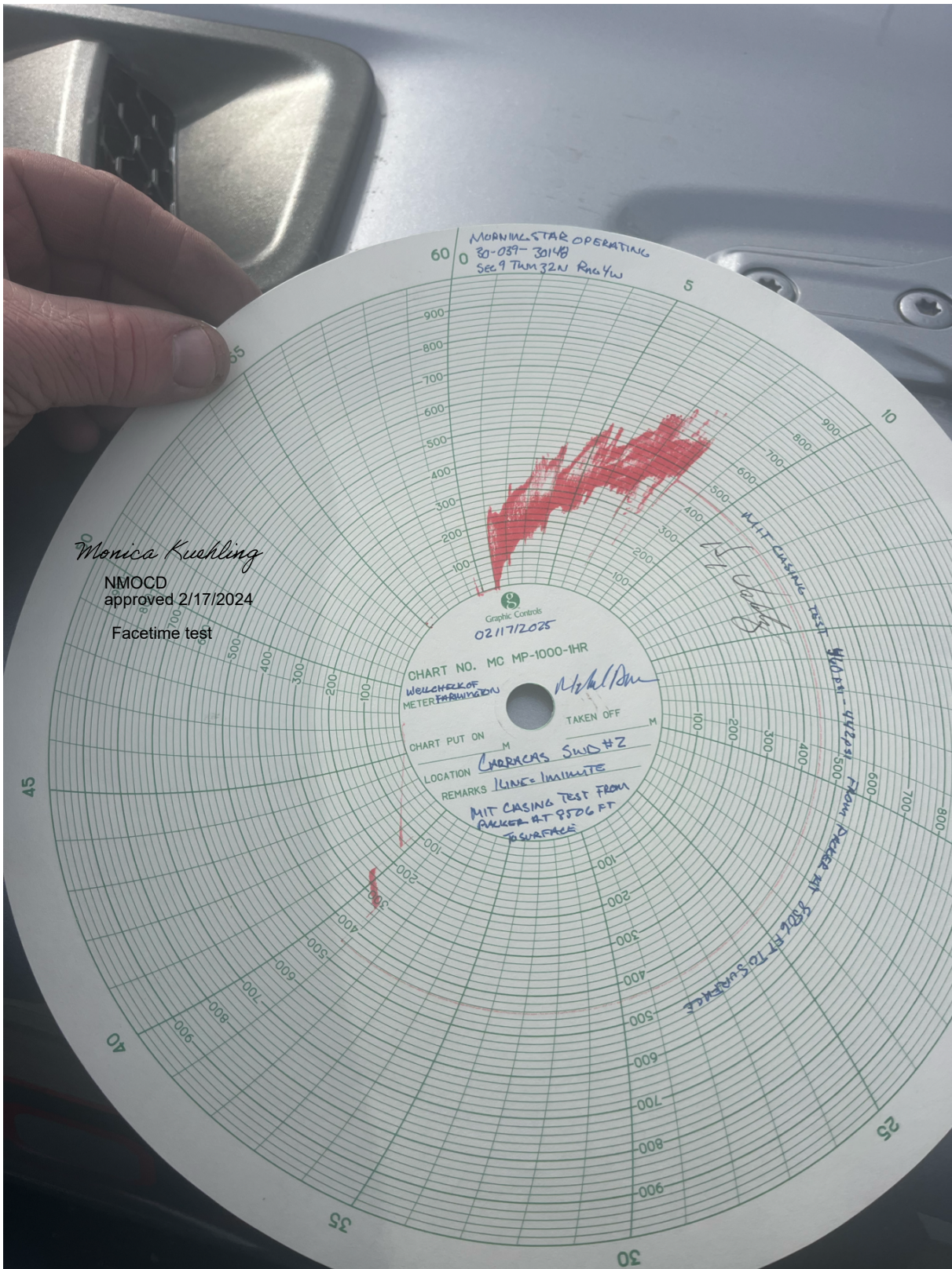
SIGNATURE Connie Blaylock TITLE Regulatory Analyst DATE 03/07/2025

Type or print name Connie Blaylock E-mail address: cblaylock@txoenergy.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



MorningStar Operating, LLC

Prepared by: BBerry
Date: 10/29/2024
Updated: 02.27.2025

GL = 6222'
API# 30-039-30148

Spud Date: 04/02/2007

Carracas SWD #2 Rio Arriba County, NM

TD – 9334'; PBTD – 8886'

17-1/2" hole to 603'
Surface Csg: 13-3/8" 48# H-40
Setting Depth: 599'

Cement
476 sx Type V Poz, tail 253 sx Tyupe V 2% CaCl2
(860 ft³)
Circulate 30 bbls cmt to surface

12-1/4" Hole to 6180'
Intermediate Csg: 9-5/8" 40# N-80 Csg
Setting Depth: 6166'

Cement
1st stage 300 sx 50/50 poz (390 ft³)
Circulate 5 bbls cmt to surface
2nd stage 350 sx Halco Light Prem SEM, tail 50 sx
Class C 1% CaCl2 (740 ft³)
Did not circ after opening DV Tool – drop bomb
and circ between stages
3rd stage 500 sx Halco Light Prem tail with 17 sx
Class G 1% CaCl2 (1031 ft³) – did not circulate
TOC surf 06/18/2008 – Sector Bond Log

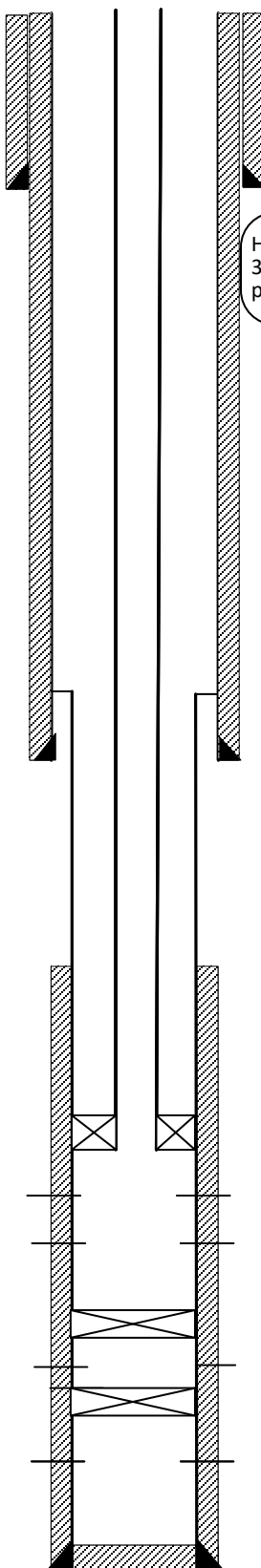
6 1/4" Hole 9334'
Liner: 5 1/2" 17# N-80
Setting Depth: 9315'
TOL: 5944'

Cement
375 sx 50/50 poz, 35% SSA, tail 200 sx Class G 6%
SCR 100, 35% SSA 5#/sk gilsonite (1015 ft³)
Did not circ due to liner hanger disengagement –
did not circ – repair liner during completion
TOC @ 7760' – 06/18/2008 Sector Bond Log

Remedial Cementing
Liner:
Perf 2 holes 6250' for squeeze- no breakdown –
perf 2 holes 6092' – break circ
Cmt under retainer set @ 6124' – 77 sx Type V
Cement- sting out circ 2 bbls cmt to surface – drill
out and test – good test
10/09/2009 – resqueeze 6250' perfs Press test held

Run Sector Bond – remediate cement outside 9 5/
8" perf and cmt sqz: 2890' – drillout and test
successful - 380' perf and circ under packer cement
to surface – drillout and test good

Unable to retrieve RBP @ 9100' and
noted in completion reports that
cannot dispose into Entrada, will
only be able to inject into Bluff – set
CIBP 8886'



Homco Casing Patches:
370-390'; 2879-2899'
pressure test both good

*Ojo Alamo: 2318'
*Kirtland: 2534'
*Pictured Cliffs: 3095'
*Cliff House: 5204'
*Menefee: 5466'
*Point Lookout: 5666'
*Mancos: 6207'
*Gallup: 6910'
*Greenhorn Member of Mancos: 7668'
*Dakota: 7825'
*Entrada: 8893'
*Chinle: 9260'

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

Inj Tbg:

1 - 2' x 3 1/2" 9.3# IPC tubing sub,
1 – jt 3 1/2" 9.3# IPC L-80 w/reg coupling
10.15', 8.25', 6' 3 1/2" x 3 1/2" 9.3# IPC L-80 Pup Jts
175 Jts 3 1/2" 9.3# L-80 IPC w/Reg Couplings
84 jts 3 1/2" 9.3# L-80 IPC w/SC Couplings
3 1/2" x 2 7/8" SS XO
CR 13 On/off tool w/2.31 F Profile – **top est @ 8495'**
5 1/2" x 2 7/8" Nickel Plated AS1-X Packer – **top est @ 8497'**
(elements ~ 8506')
2.31 "XN" Nipple – **top est @ 8504'**
2 7/8" SS WLEG

Pkr elements set @ ~8506' EOT @ 8511'
Packer re-landed with 42 klbs compression
Packer fluid: FW based ~8.34 ppg

Upper Bluff Perfs/Stim:

8600-8660'
4 spf, 0.5 EHD, 19" 1500 gals MCA
acid, plus bio balls and 4000 gasl acid

Lower Bluff Perfs/Stim:

8703-8791'
4 spf, 0.5 EHD, 19" 352 holes
1000 gals MCA 15% plus 7000 gals
acid

Upper Entrada Perfs/Stim:

8894-9064'
4 spf, 0.5 EHD, 19" acid breakdown and frac 116 kgal 15 CP
Delta 200 2262 sx 20/40 ottawa sand, coated 2238 sx and
106 kgals delta 200

Lower Entrada Perfs/Stim:

9130-9258'
4 spf, 0.5 EHD, 19" 512 holes
1500 glas MCA 15% plus 8000 gals acid using bio balls for
diversion

PBTD: CIBP @ 8886'

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 440297

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 440297
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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