

Office
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 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

Form C-103
 Revised July 18, 2013

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

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.)		WELL API NO. 30-039-30148
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MORNINGSTAR OPERATING LLC		6. State Oil & Gas Lease No.
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name CARRACAS SWD
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>		8. Well Number 002
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6222' GL		9. OGRID Number 330132
		10. Pool name or Wildcat SWD; ENTRADA-CHINLE

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

11/15/2024 Attempted to set wireline plug in pkr -slickline tools stuck, attempted to work thru 11/18.
 Released wireline services, MIRU rig services on 11/19. POOH inj tbg and pkr, retrieved slickline tools -pkr not salvageable.
 RIH workstring and bit/mill to ensure passage of RBP. RIH RBP/service pkr combo and set RBP~8500'.
 Tested casing/liner w/pkr up to 5997' -good. Performed charted casing integrity test with Wellcheck -good.
 RIH latch and POOH RBP. RIH and clean out rat hole, POOH LD workstring.
 RIH 3 1/2" 9.3#L-80 IPC inj string and new nickel-plated pkr. Set pkr elements~8505' and EOT~8511'.
 Pkr fluid in tbg-casing annulus to surface. Tested casing w/rig - successful.
 Ran successful MIT: Start 550 psi, End 550 psi. NMOCD gave verbal approval to start injecting -12/9/2024.
 12/09/2024 RDMO.

Spud Date:

Rig Release Date:

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

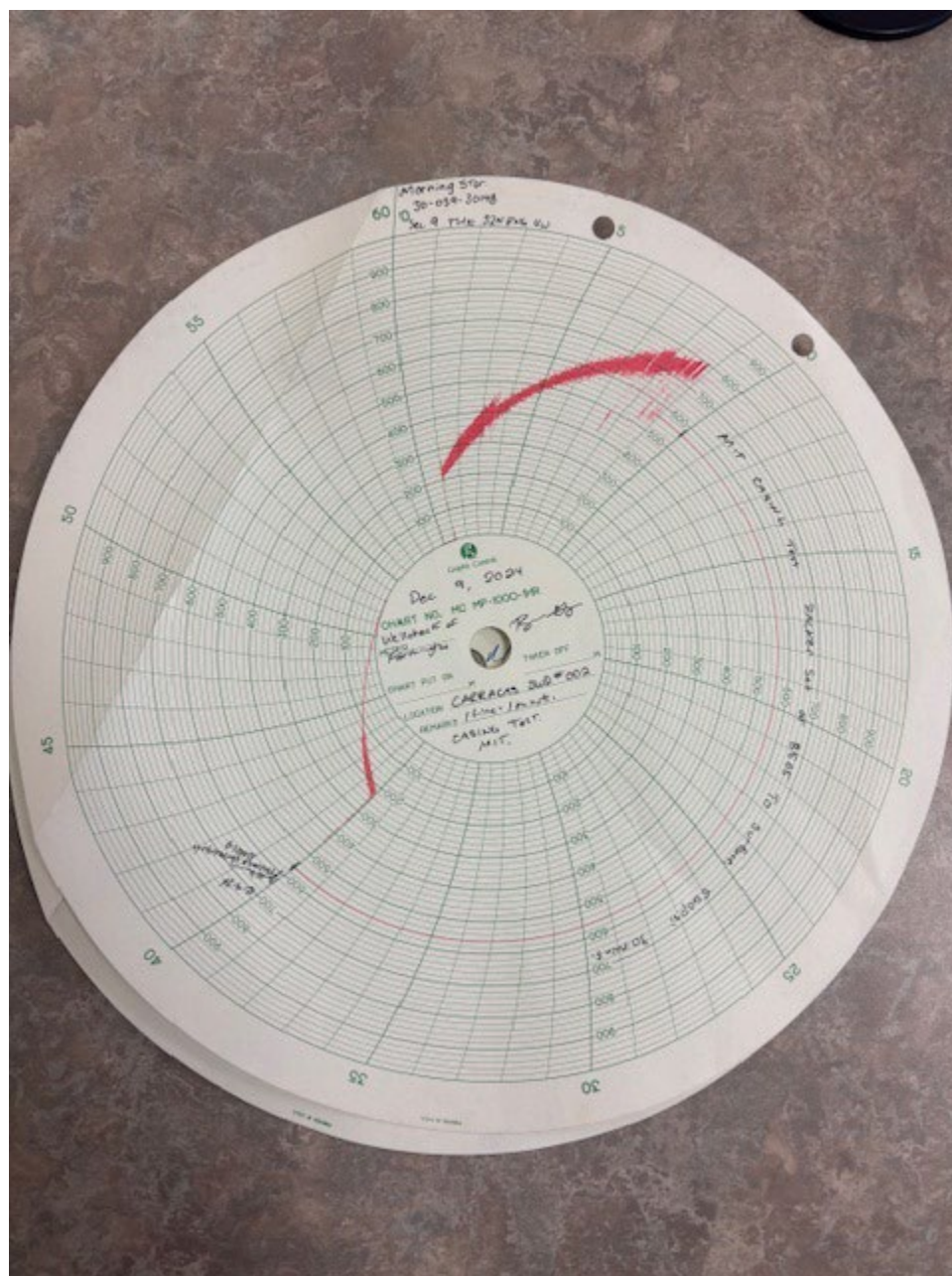
SIGNATURE Connie Blaylock TITLE Regulatory Analyst DATE 01/23/2025

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

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

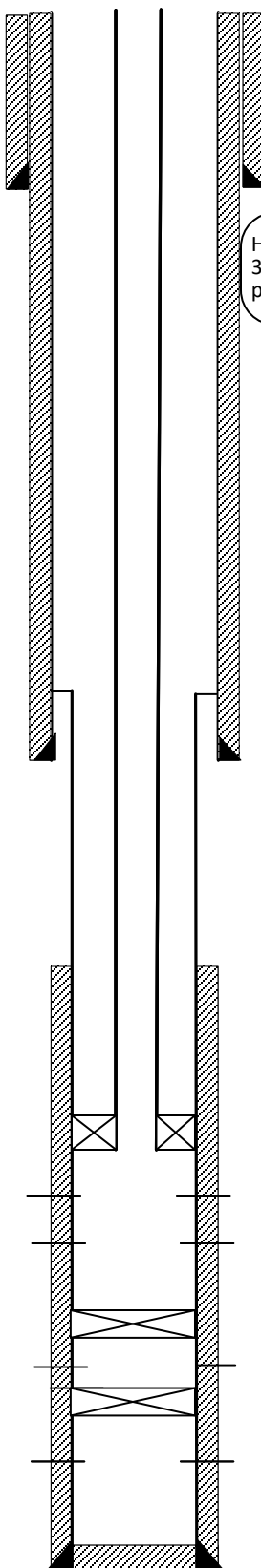
Cmt under retainer set @ 6124' – 77 sx Type V

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

Prepared by: BBerry
Date: 10/29/2024
Updated: 12/16/2024

GL = 6222'
API# 30-039-30148

Spud Date: 04/02/2007

*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 – 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 landed with 22klbs 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 gals 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 gals 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 424005

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 424005
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	2/12/2025