

Submit a 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

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 checked="" 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 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: RUN MIT <input checked="" 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

MorningStar Operating LLC requests approval to run a 5 Yr MIT.
Attached is a Current WBD.

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 10/29/2024

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

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

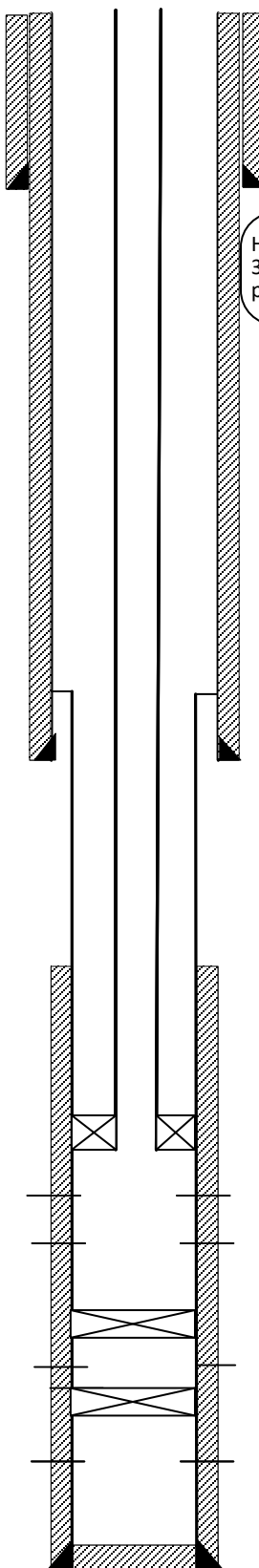
Cmt under retainer set @ 6124' – 77 sx Type V

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

Inj Tbg:

1 - 6' Pup Jt
165 Jts 3 1/2" 9.3# L-80 IPC
92 jts 3 1/2" 9.3# L-80 IPC w/SC Couplings
2.813 F Nipple
1 jt 3 1/2" 9.3# L-80 IPC Tbg
On/off tool w/2.313 F Nipple
5 1/2" Hornet Packer
2 7/8" x 8' nickel plated sub
2.25 F Nipple
2 7/8" x 8' nickel plated sub
2.25 R Nipple
2 7/8" WLEG

Pkr elements set @ 8507' EOT @ 8529'

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

*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

PBTD: CIBP @ 8886'

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CONDITIONS

Action 397495

CONDITIONS

| | |
|--|---|
| Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102 | OGRID: 330132 |
| | Action Number: 397495 |
| | Action Type: [C-103] NOI General Sundry (C-103X) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| mkuehling | Notify NMOCD 24 hours prior to testing - bradenhead test required prior to MIT day of MIT - kill check required after passed MIT prior to injection | 11/4/2024 |