

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<br>(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.<br>30-025-27969                                                                        |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTION                                                                                                           |  | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator<br>MORNINGSTAR OPERATING LLC                                                                                                                                                               |  | 6. State Oil & Gas Lease No.                                                                        |
| 3. Address of Operator<br>400 W 7TH ST, FORT WORTH, TX 76102                                                                                                                                                   |  | 7. Lease Name or Unit Agreement Name<br>CENTRAL VACUUM UNIT                                         |
| 4. Well Location<br>Unit Letter <u>D</u> : <u>1310</u> feet from the <u>N</u> line and <u>100</u> feet from the <u>W</u> line<br>Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u> |  | 8. Well Number<br>159                                                                               |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)                                                                                                                                                             |  | 9. OGRID Number<br>330132                                                                           |
|                                                                                                                                                                                                                |  | 10. Pool name or Wildcat<br>VACUUM; GRAYBURG-SAN ANDRES                                             |

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

| NOTICE OF INTENTION TO:                                   | SUBSEQUENT REPORT OF:                            |
|-----------------------------------------------------------|--------------------------------------------------|
| PERFORM REMEDIAL WORK <input checked="" 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: MIT <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.

In response to Violation cGR2230132502, MorningStar Operating requests approval to perform the following:

- MIRU WO and test tbg. If fails, pull scan and replace.
- Release on off tool and test csg/pkr. If fails, RIH test pkr and determine if csg or pkr.
  - Pkr leak, pull and replace pkr.
  - Csg leak, request approval to propose repair.
- RIH inj pkr and set at ~4,340'. (~75 from top perf at 4,415'), if found needing replaced.
- Perform MIT test.
- Pump 2000gal 15% HCl bullhead treatment.
- Return well to injection.

Spud Date:

Rig Release Date:

**Condition of Approval: notify  
 OCD Hobbs office 24 hours  
 prior of running MIT Test & Chart**

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 01/05/2023

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

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 2/13/23

Conditions of Approval: ---

## CVU 159 Wellbore Diagram

Lease: Central Vacuum Unit  
 Well #: 159  
 Field: Vacuum Grayburg San Andres  
 County: Lea St.: NM  
 CHEVNO: CZ6414  
 API: 30-025-27969  
 Status: Water Inejctor

Unit Ltr.: D Section: 36  
 TSHP/Rng: 17S-34E

Surf. Loc.: 1310' FNL & 100' FWL  
 Directions: Buckeye, NM

## Surface Casing

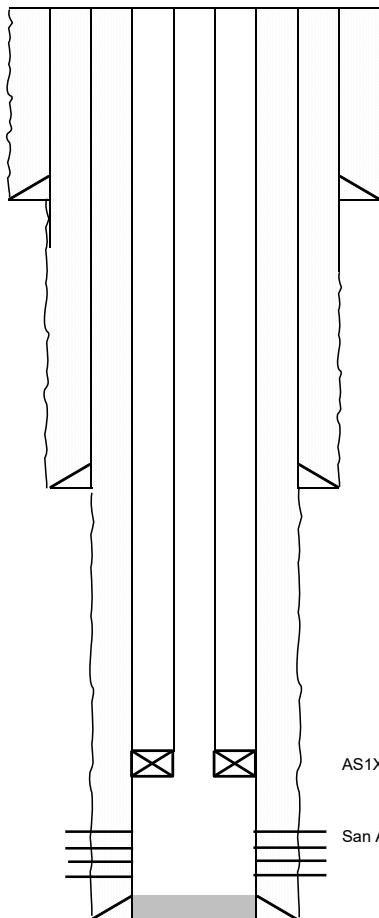
Size: 16"  
 Wt., Grd.: 65# H-40  
 Depth: 375'  
 Sxs Cmt: 550  
 Circulate: Yes; 100 sx  
 TOC: Surface  
 Hole Size: 20"

## Intermediate Casing

Size: 11-3/4"  
 Wt., Grd.: 42#, H-40  
 Depth: 1555'  
 Sxs Cmt: 900  
 Circulate: Yes; 110 sx  
 TOC: Surface  
 Hole Size: 15"

## Production Casing

Size: 5 1/2"  
 Wt., Grd.: 15.5#, K-55  
 Depth: 4800'  
 Sxs Cmt: 2,000  
 Circulate: Yes; 50 sx  
 TOC: Surface  
 Hole Size: 7-7/8"



PBTD: 4761'  
 TD: 4800'

KB: 4018'  
 DF:  
 GL: 4008'  
 Ini. Spud: 11/18/82  
 Ini. Comp.: 12/06/82

## Tubing Strings

|                              |                                            |                                                          |         |            |                                  |            |              |                        |            |
|------------------------------|--------------------------------------------|----------------------------------------------------------|---------|------------|----------------------------------|------------|--------------|------------------------|------------|
| Tubing Description<br>Tubing |                                            | Planned Run?<br>N                                        |         |            | Set Depth (MD) (ftKB)<br>4,344.3 |            |              | Set Depth (TVD) (ftKB) |            |
| Run Date<br>10/9/2017        |                                            | Run Job<br>Mechanical Integrity<br>Test, 10/4/2017 00:00 |         |            | Pull Date                        |            |              | Pull Job               |            |
| Jts                          | Item Des                                   | OD (in)                                                  | ID (in) | Wt (lb/ft) | Grade                            | Top Thread | Len (ft)     | Top (ftKB)             | Btm (ftKB) |
| 1                            | IPC TK70<br>TBG                            | 2 3/8                                                    | 1.995   | 4.70       | J-55                             | EUE        | 32.44        | 10.0                   | 42.4       |
| 11                           | 10" X 2 3/8"<br>TBG SUB                    | 2 3/8                                                    | 1.995   | 4.70       | J-55                             | EUE        | 10.12        | 42.4                   | 52.6       |
| 1                            | 6" X 2 3/8"<br>TBG SUB                     | 2 3/8                                                    | 1.995   | 4.70       | J-55                             | EUE        | 6.13         | 52.6                   | 58.7       |
| 132                          | IPC TK70<br>TBG                            | 2 3/8                                                    | 1.995   | 4.70       | J-55                             | EUE        | 4,276.5<br>5 | 58.7                   | 4,335.2    |
| 1                            | T-2<br>ON/OFF<br>TOOL<br>W/1.43<br>PROFILE | 2 3/8                                                    | 1.875   |            |                                  |            | 1.72         | 4,335.2                | 4,337.0    |
| 1                            | AS1X PKR                                   | 2 3/8                                                    | 1.995   |            |                                  |            | 6.96         | 4,337.0                | 4,343.9    |
| 1                            | Wireline<br>Guide                          | 3 1/16                                                   | 1.995   |            |                                  |            | 0.40         | 4,343.9                | 4,344.3    |

AS1X Pkr w/ On-Off Tool (1.43" 'F' PN) @ 4337'

San Andres Perfs: 4415' - 4730'

11/26/2012 : MIT test. New fiberlined tbg and pkr.  
 10/4/2017 : MIT test, tbg issue, pkr tested ok and not pulled. 2 3/8" TK70 purchased from tuboscope.  
 12/21/2022 : PHW Slickline TD check. RIH with 1.250" tool string with sample bailer tagged at 4713'.  
 Note: bounced thru 4480' and got back when pulling out. Recovered small sample

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CONDITIONS

Action 173082

CONDITIONS

|                                                                                |                                               |
|--------------------------------------------------------------------------------|-----------------------------------------------|
| Operator:<br>MorningStar Operating LLC<br>400 W 7th St<br>Fort Worth, TX 76102 | OGRID:<br>330132                              |
|                                                                                | Action Number:<br>173082                      |
|                                                                                | Action Type:<br>[C-103] NOI Workover (C-103G) |

CONDITIONS

|            |                  |                |
|------------|------------------|----------------|
| Created By | Condition        | Condition Date |
| kfortner   | Run PWOT MIT/BHT | 2/13/2023      |