

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>30-25-40465                                                                         |
| 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 ___H___ : 2346___ feet from the ___N___ line and ___481___ feet from the ___E___ line<br>Section _____ Township _____ Range _____ NMPM _____ County _____              |  | 8. Well Number 273                                                                                  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3990 GL                                                                                                                                          |  | 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"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>              | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>             | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>       |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>               |                                           |                                                  |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>               |                                           |                                                  |                                          |
| OTHER: ADD PERFS <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.

- Pull pkrs and scan injection tbg.
- RIH bit and cleanout to ~ 5,115'.
- Add perfs from 4,407'-4,809'; 250 holes.
- Existing perfs from 4,823'-5,080'.
- RIH treatment pkr to ~4350'.
- Pump ~7,500gal 15% HCl acid with salt diversion treatment.
- RIH bit and cleanout to ~ 5,115' again.
- RIH and set inj pkr at ~ 4,315' (within 100' of top perf at 4,407').
- RIH scanned or new inj string.
- Perform MIT test.
- Return well to injection.

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

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 10/26/2023

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

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 10/26/23  
 Conditions of Approval (if any):

## CVU #273 Wellbore Diagram

|             |                            |            |                    |             |             |
|-------------|----------------------------|------------|--------------------|-------------|-------------|
| Lease:      | Central Vacuum Unit        | Well #:    | 273                | St. Lse:    |             |
| Field:      | Vacuum Grayburg San Andres | API        | 30-025-40465       | Unit Ltr.:  | H           |
| Surf. Loc.: | 2346' FNL & 481' FEL       | TSHP/Rng:  | 17S / 34E          | Section:    | 36          |
| Bot. Loc.:  |                            | Unit Ltr.: |                    | Section:    |             |
| County:     | Lea                        | LAT/LONG:  | 32.792N / 103.506W | Directions: | Buckeye, NM |
| Status:     | Active Injector            | CHEVNO:    | NI4001             | OGRID:      | 4323        |

## PROPOSED

## Surface Casing

Size: 13-3/8" J-55  
 Wt., Grd.: 54.5#  
 Depth: 1509'  
 Sxs Cmt: 557 bbls  
 Circulate: Yes - 298 bbls cmt  
 TOC: Surface  
 Hole Size: 17-1/2"

KB: 4,009  
 DF:  
 GL: 3990'  
 Ini. Spud: 10/29/12  
 Ini. Comp.: 02/01/13

## Intermediate Casing

Size: 9-5/8" J-55  
 Wt., Grd.: 36#  
 Depth: 3192'  
 Sxs Cmt: 258 bbls  
 Circulate: Yes - 32 bbls  
 TOC: Surface  
 Hole Size: 12-1/4"

Proposed pkr depth @ ~ 4,315 ft

## Production Casing

Size: 7", J-55  
 Wt., Grd.: 23#  
 Depth: 5,180'  
 Sxs Cmt: 171 bbls  
 Circulate: Yes - 3 bbls  
 TOC: Surface  
 Hole Size: 8-3/4"

Proposed MPZ Perfs: 4407-11; 4424-27; 4431-36; 4443-49;  
 4457-67; 4473-78; 4481-84; 4488-92; 4500-07; 4533-40;  
 4567-71; 4581-84; 4600-13; 4625-28; 4635-38; 4646-49;  
 4690-4697; 4707-15; 4718-24; 4727-33; 4760-64; 4788-93;  
 4797-99; 4805-09.

TZ Perfs: 4823-48, 4850-56, 4866-70, 4872-82, 4888-4930

ROZ Perfs: 4970-86, 4990-5044, 5048-80

PBTD:  
 TD: 5,180'

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|             |                            |             |                    |          |    |
|-------------|----------------------------|-------------|--------------------|----------|----|
| Lease:      | Central Vacuum Unit        | Well #:     | 273                | St. Lse: |    |
| Field:      | Vacuum Grayburg San Andres | API:        | 30-025-40465       |          |    |
| Surf. Loc.: | 2346' FNL & 481' FEL       | Unit Ltr.:  | H                  | Section: | 36 |
| Bot. Loc.:  |                            | TSHP/Rng:   | 17S / 34E          |          |    |
| County:     | Lea                        | Unit Ltr.:  |                    | Section: |    |
| Status:     | Active Injector            | LAT/LONG:   | 32.792N / 103.506W |          |    |
|             |                            | Directions: | Buckeye, NM        |          |    |
|             |                            | CHEVNO:     | NI4001             |          |    |
|             |                            | OGRID:      | 4323               |          |    |

## Surface Casing

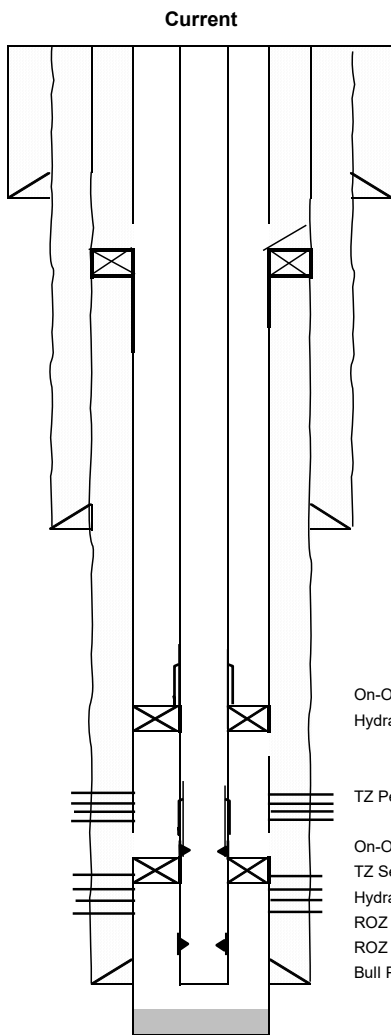
Size: 13-3/8" J-55  
 Wt., Grd.: 54.5#  
 Depth: 1509'  
 Sxs Cmt: 557 bbls  
 Circulate: Yes - 298 bbls cmt  
 TOC: Surface  
 Hole Size: 17-1/2"

## Intermediate Casing

Size: 9-5/8", J-55  
 Wt., Grd.: 36#  
 Depth: 3192'  
 Sxs Cmt: 258 bbls  
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Size: 7", J-55  
 Wt., Grd.: 23#  
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 Sxs Cmt: 171 bbls  
 Circulate: Yes - 3 bbls  
 TOC: Surface  
 Hole Size: 8-3/4"



PBTD: \_\_\_\_\_  
 TD: 5,180'

KB: 4,009  
 DF: \_\_\_\_\_  
 GL: 3990'  
 Ini. Spud: 10/29/12  
 Ini. Comp.: 02/01/13

On-Off tool w/ 1.875" 'F' PN: 4786-87  
 Hydraulic Set Pkr: 4787-4794

TZ Perfs: 4823-48, 4850-56, 4866-70, 4872-82, 4888-4930

On-Off tool w/ 1.812" 'F' PN: 4970-75  
 TZ Segregation Valve (1.812" OD w/ 1.386" ID orifice sleeve):  
 Hydraulic Set Pkr: 4976-4983  
 ROZ Perfs: 4970-86, 4990-5044, 5048-80  
 ROZ Segregation Valve (1.62" w/ 1.238" ID Orifice Sleeve):  
 Bull Plug on Bottom @ 5110

| Tubing Strings      |                                             |                               |         |                       |       |                        |          |            |             |
|---------------------|---------------------------------------------|-------------------------------|---------|-----------------------|-------|------------------------|----------|------------|-------------|
| Tubing Description  |                                             | Planned Run?                  |         | Set Depth (MD) (ROTH) |       | Set Depth (TVD) (ROTH) |          |            |             |
| Tubing - Production |                                             | N                             |         | 5,109.8               |       | 4,977.9                |          |            |             |
| Run Date            |                                             | Run Job                       |         | Pull Date             |       | Pull Job               |          |            |             |
| 4/10/2014           |                                             | Clean-Out, 10/7/2013<br>12:00 |         |                       |       |                        |          |            |             |
| Jts                 | Item Des                                    | OO (in)                       | ID (in) | WT (lb/ft)            | Grade | Top Thread             | Len (ft) | Top (ROTH) | Strn (ROTH) |
|                     | Tubing Hanger                               |                               | 2.441   |                       |       |                        | 0.50     | 17.5       | 18.0        |
|                     | Tubing FL Pup                               | 2 7/8                         | 2.144   | 6.50                  | L-80  |                        | 6.77     | 18.0       | 24.8        |
| 148                 | Tubing FL                                   | 2 7/8                         | 2.144   | 6.50                  | L-80  |                        | 4,760.24 | 24.8       | 4,785.0     |
|                     | Transition sub                              | 2 7/8                         | 2.441   |                       |       |                        | 0.75     | 4,785.0    | 4,785.8     |
|                     | On-Off Tool Left hand rels 316.SS Seal body | 3.256                         | 1.875   |                       |       |                        | 1.50     | 4,785.8    | 4,787.3     |
|                     | Packer                                      | 7                             | 2.375   |                       |       |                        | 6.50     | 4,787.3    | 4,793.8     |
|                     | Transition sub                              | 2 7/8                         | 2.441   |                       |       |                        | 0.75     | 4,793.8    | 4,794.5     |
| 5                   | Tubing FL Ryte Wrapped                      | 2 7/8                         | 2.144   | 6.50                  | L-80  |                        | 162.69   | 4,794.5    | 4,957.2     |
|                     | Tubing FL Ryte Wrapped Pups (6.08, 6.1)     | 2 7/8                         | 2.144   | 6.50                  | L-80  |                        | 12.18    | 4,957.2    | 4,969.4     |
|                     | Transition sub                              | 2 7/8                         | 2.441   |                       |       |                        | 0.75     | 4,969.4    | 4,970.1     |
|                     | On-Off Tool Righthand release               | 3.256                         | 1.875   |                       |       |                        | 4.50     | 4,970.1    | 4,974.6     |
|                     | Valve                                       | 3.667                         | 1.810   |                       |       |                        | 1.50     | 4,974.6    | 4,976.1     |
|                     | Packer                                      | 5.861                         | 2.375   |                       |       |                        | 6.77     | 4,976.1    | 4,982.9     |
|                     | Transition sub                              | 2 7/8                         | 2.441   |                       |       |                        | 0.75     | 4,982.9    | 4,983.7     |
| 3                   | Tubing FL Ryte Wrapped                      | 2 7/8                         | 2.144   | 6.50                  | L-80  |                        | 97.29    | 4,983.7    | 5,081.0     |
|                     | Tubing FL Ryte Wrapped Pups (4.15, 8.15)    | 2 7/8                         | 2.144   | 6.50                  | L-80  |                        | 12.30    | 5,081.0    | 5,093.3     |
|                     | Transition sub                              | 2 7/8                         | 2.441   |                       |       |                        | 0.75     | 5,093.3    | 5,094.0     |
|                     | Valve                                       | 3.667                         | 1.620   |                       |       |                        | 1.50     | 5,094.0    | 5,095.5     |
|                     | Transition sub                              | 2 7/8                         | 2.441   |                       |       |                        | 0.75     | 5,095.5    | 5,096.3     |
|                     | Tubing FL Ryte Wrapped Pups (10.10)         | 2 7/8                         | 2.144   | 6.50                  | L-80  |                        | 12.30    | 5,096.3    | 5,108.6     |
|                     | Transition sub                              | 2 7/8                         | 2.441   |                       |       |                        | 0.75     | 5,108.6    | 5,109.3     |
|                     | Bull Plug                                   | 2 7/8                         | 2.441   |                       |       |                        | 0.50     | 5,109.3    | 5,109.8     |
|                     | EOT                                         |                               |         |                       |       |                        |          | 5,109.8    | 5,109.8     |

**District I**  
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 279728

CONDITIONS

|                                                                                |                                               |
|--------------------------------------------------------------------------------|-----------------------------------------------|
| Operator:<br>MorningStar Operating LLC<br>400 W 7th St<br>Fort Worth, TX 76102 | OGRID:<br>330132                              |
|                                                                                | Action Number:<br>279728                      |
|                                                                                | Action Type:<br>[C-103] NOI Workover (C-103G) |

CONDITIONS

| Created By | Condition        | Condition Date |
|------------|------------------|----------------|
| kfortner   | Run PWOT MIT/BHT | 10/26/2023     |