

District 1  
1625 N French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-0320

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division Hobbs District Office

## BRADENHEAD TEST REPORT

|                                                         |  |                                   |  |
|---------------------------------------------------------|--|-----------------------------------|--|
| Operator Name<br><b>MORNINGSTAR OPERATING, LLC</b>      |  | API Number<br><b>30-025-24360</b> |  |
| Property Name<br><b>VACUUM GRAYBURG SAN ANDRES UNIT</b> |  | Well No<br><b>20</b>              |  |

## 1. Surface Location

|                      |                     |                        |                     |                          |                       |                          |                        |                      |
|----------------------|---------------------|------------------------|---------------------|--------------------------|-----------------------|--------------------------|------------------------|----------------------|
| UL - Lot<br><b>J</b> | Section<br><b>1</b> | Township<br><b>18S</b> | Range<br><b>34E</b> | Feet from<br><b>1330</b> | NS Line<br><b>FSL</b> | Feet From<br><b>1330</b> | E/W Line<br><b>FEL</b> | County<br><b>LEA</b> |
|----------------------|---------------------|------------------------|---------------------|--------------------------|-----------------------|--------------------------|------------------------|----------------------|

## Well Status

|                         |           |                       |           |                        |     |     |          |     |                          |
|-------------------------|-----------|-----------------------|-----------|------------------------|-----|-----|----------|-----|--------------------------|
| TA'D WELL<br><b>YES</b> | <b>NO</b> | SHUT-IN<br><b>YES</b> | <b>NO</b> | INJECTOR<br><b>INJ</b> | SWD | OIL | PRODUCER | GAS | DATE<br><b>3-13-2024</b> |
|-------------------------|-----------|-----------------------|-----------|------------------------|-----|-----|----------|-----|--------------------------|

## OBSERVED DATA

|                      | (A)Surface   | (B)Interm(1) | (C)Interm(2) | (D)Prod Csg  | (E)Tubing     |
|----------------------|--------------|--------------|--------------|--------------|---------------|
| Pressure             | <b>0</b>     | <b>0</b>     |              | <b>0</b>     | <b>1420</b>   |
| Flow Characteristics |              |              |              |              |               |
| Puff                 | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>CO2</b>    |
| Steady Flow          | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>WTR</b>    |
| Surges               | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>GAS</b>    |
| Down to nothing      | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | Type of Fluid |
| Gas or Oil           | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | Injected for  |
| Water                | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | <b>Y / N</b> | Waterflood if |
|                      |              |              |              |              | applicable    |

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

|                                                                                               |                            |                           |  |
|-----------------------------------------------------------------------------------------------|----------------------------|---------------------------|--|
| Signature  |                            | OIL CONSERVATION DIVISION |  |
| Printed name: <b>Enrique Carmena</b>                                                          |                            | Entered into RBDMS        |  |
| Title <b>Lease Operator</b>                                                                   |                            | Re-test                   |  |
| E-mail Address: <b>ECarmena@OFR.olds.ocs.com</b>                                              |                            |                           |  |
| Date: <b>3-13-2024</b>                                                                        | Phone: <b>682-404-3181</b> |                           |  |
| Witness                                                                                       |                            |                           |  |

INSTRUCTIONS ON BACK OF THIS FORM

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
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 331412

CONDITIONS

|                                                                                |                                                            |
|--------------------------------------------------------------------------------|------------------------------------------------------------|
| Operator:<br>MorningStar Operating LLC<br>400 W 7th St<br>Fort Worth, TX 76102 | OGRID:<br>330132                                           |
|                                                                                | Action Number:<br>331412                                   |
|                                                                                | Action Type:<br>[UF-BHT] Bradenhead Test (BRADENHEAD TEST) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| kfortner   | None      | 5/24/2024      |