

District 1  
1625 N French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

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

## BRADENHEAD TEST REPORT

|                                               |  |                                    |  |
|-----------------------------------------------|--|------------------------------------|--|
| Operator Name<br><b>MORNING STAR PARTNERS</b> |  | API Number<br>30-025- <b>38783</b> |  |
| Property Name<br><b>Vacuum Granley</b>        |  | Well No.<br><b>405</b>             |  |

## 2. Surface Location

|                      |                      |                        |                     |                          |                      |                        |                      |                      |
|----------------------|----------------------|------------------------|---------------------|--------------------------|----------------------|------------------------|----------------------|----------------------|
| UL - Lot<br><b>H</b> | Section<br><b>01</b> | Township<br><b>18S</b> | Range<br><b>34E</b> | Feet from<br><b>1910</b> | N/S Line<br><b>N</b> | Feet From<br><b>40</b> | E/W Line<br><b>E</b> | County<br><b>LEA</b> |
|----------------------|----------------------|------------------------|---------------------|--------------------------|----------------------|------------------------|----------------------|----------------------|

## Well Status

|                                                      |                                                    |     |                 |                                      |                 |                        |
|------------------------------------------------------|----------------------------------------------------|-----|-----------------|--------------------------------------|-----------------|------------------------|
| TA'D WELL<br>YES <input checked="" type="radio"/> NO | SHUT-IN<br>YES <input checked="" type="radio"/> NO | INJ | INJECTOR<br>SWD | <input checked="" type="radio"/> OIL | PRODUCER<br>GAS | DATE<br><b>8-11-23</b> |
|------------------------------------------------------|----------------------------------------------------|-----|-----------------|--------------------------------------|-----------------|------------------------|

## OBSERVED DATA

|                      | (A)Surface | (B)Interm(1) | (C)Interm(2) | (D)Prod Casing | (E)Tubing     |
|----------------------|------------|--------------|--------------|----------------|---------------|
| Pressure             | <b>0</b>   | <b>0</b>     | <b>NA</b>    | <b>140</b>     | <b>380</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 |
|                      |            |              |              |                | applies       |

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

|                                           |                            |                           |  |
|-------------------------------------------|----------------------------|---------------------------|--|
| Signature: <b>[Signature]</b>             |                            | OIL CONSERVATION DIVISION |  |
| Printed name: <b>Joe Mata</b>             |                            | Entered into RBDMS        |  |
| Title: <b>LEASE OPERATOR</b>              |                            | Re-test                   |  |
| E-mail Address: <b>jm @CTFIELDVCS.COM</b> |                            |                           |  |
| Date: <b>8-11-23</b>                      | Phone: <b>682 352 4943</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 301651

CONDITIONS

|                                                                                |                                                            |
|--------------------------------------------------------------------------------|------------------------------------------------------------|
| Operator:<br>MorningStar Operating LLC<br>400 W 7th St<br>Fort Worth, TX 76102 | OGRID:<br>330132                                           |
|                                                                                | Action Number:<br>301651                                   |
|                                                                                | Action Type:<br>[UF-BHT] Bradenhead Test (BRADENHEAD TEST) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| kfortner   | None      | 1/22/2024      |