

District I  
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><i>MorningStar Operating LLC</i> | API Number<br><i>30-025-30968</i> |
| Property Name<br><i>Vacuum Golieta West Unit</i>  | Well No.<br><i>74</i>             |

## 7. Surface Location

|                      |                      |                        |                     |                          |                      |                          |                      |                      |
|----------------------|----------------------|------------------------|---------------------|--------------------------|----------------------|--------------------------|----------------------|----------------------|
| UL - Lot<br><i>G</i> | Section<br><i>36</i> | Township<br><i>17S</i> | Range<br><i>34E</i> | Feet from<br><i>2310</i> | N/S Line<br><i>N</i> | Feet From<br><i>1900</i> | E/W Line<br><i>E</i> | County<br><i>Lea</i> |
|----------------------|----------------------|------------------------|---------------------|--------------------------|----------------------|--------------------------|----------------------|----------------------|

## Well Status

|                                                                            |                                                                          |                                                                           |                                                                            |                         |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------|
| TA'D WELL<br><input checked="" type="radio"/> YES <input type="radio"/> NO | SHUT-IN<br><input checked="" type="radio"/> YES <input type="radio"/> NO | INJECTOR<br><input checked="" type="radio"/> NA <input type="radio"/> SWD | PRODUCER<br><input checked="" type="radio"/> OIL <input type="radio"/> GAS | DATE<br><i>11-20-24</i> |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------|

## OBSERVED DATA

|                      | (A) Surface    | (B) Interm(1)  | (C) Interm(2) | (D) Prod Casing | (E) Tubing                                                 |
|----------------------|----------------|----------------|---------------|-----------------|------------------------------------------------------------|
| Pressure             | <i>0</i>       | <i>0</i>       | <i>NA</i>     | <i>0</i>        | <i>NA</i>                                                  |
| Flow Characteristics |                |                |               |                 |                                                            |
| Puff                 | <i>Y / (N)</i> | <i>Y / (N)</i> | <i>Y / N</i>  | <i>Y / (N)</i>  | CO2 <input type="checkbox"/>                               |
| Steady Flow          | <i>Y / (N)</i> | <i>Y / (N)</i> | <i>Y / N</i>  | <i>Y / (N)</i>  | WTR <input type="checkbox"/>                               |
| Surges               | <i>Y / (N)</i> | <i>Y / (N)</i> | <i>Y / N</i>  | <i>Y / (N)</i>  | GAS <input type="checkbox"/>                               |
| Down to nothing      | <i>(Y) / N</i> | <i>(Y) / N</i> | <i>Y / N</i>  | <i>(Y) / N</i>  | Type of Fluid<br>Injected for<br>Waterflood if<br>applies. |
| Gas or Oil           | <i>Y / (N)</i> | <i>Y / (N)</i> | <i>Y / N</i>  | <i>Y / (N)</i>  |                                                            |
| Water                | <i>Y / (N)</i> | <i>Y / (N)</i> | <i>Y / N</i>  | <i>Y / (N)</i>  |                                                            |

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

*no string* Well tied.  
Initial TA

|                                 |                           |
|---------------------------------|---------------------------|
| Signature: <i>Jake Bacza</i>    | OIL CONSERVATION DIVISION |
| Printed name: <i>Jake Bacza</i> | Entered into RBDMS        |
| Title:                          | Re-test                   |
| E-mail Address:                 |                           |
| Date: <i>11-20-24</i>           | Witness:                  |

INSTRUCTIONS ON BACK OF THIS FORM

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 405592

CONDITIONS

|                                                                                |                                                            |
|--------------------------------------------------------------------------------|------------------------------------------------------------|
| Operator:<br>MorningStar Operating LLC<br>400 W 7th St<br>Fort Worth, TX 76102 | OGRID:<br>330132                                           |
|                                                                                | Action Number:<br>405592                                   |
|                                                                                | Action Type:<br>[UF-BHT] Bradenhead Test (BRADENHEAD TEST) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| kfortner   | None      | 12/3/2024      |