## NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OCD Received 4/6/2020

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC NM 87410 (505) 334-6178 FAX: (505) 334-6170 http://emnrd.state.nm.us/ocd/District III/3distric.htm

## **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

| Date of Test 3/26/2020 |                 | Operator Hilcorp Energy Company |          |    |                |   |         | API # 3004506401 |                 |       |      |
|------------------------|-----------------|---------------------------------|----------|----|----------------|---|---------|------------------|-----------------|-------|------|
| Property Name          | NAVAJO INDIAN B | W                               | Vell No. | 2  | Location: Unit | D | Section | 19               | Township 027N F | Range | W800 |
| Well Status Shut       | t-In            | Initial PSI:                    | Tubing   | 16 | Intermediate   |   | Casing  | 3                | 0 Bradenhead    | 0 b   |      |

## OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

| TIME       BH       Int       Csg       Int       Csg         5 min       0       30  | Testing                                |             | Р              | FLOW CHARACTERISTICS |               |           |                  |            |              |
|---|--|-------------|----------------|----------------------|---------------|-----------|------------------|------------|--------------|
| 5 min 0 30 Steady Flow   10 min 0 30 Surges   15 min 0 30 Down to Nothing   20 min 0 30 Gas   25 min 0 Gas   30 min 0 Gas   Water Water   | Testing                                |             |                |                      |               |           |                  | BRADENHEAD | INTERMEDIATE |
| 5 min       0       30       Surges   | TIME                                   | BH          | Int            | Csg                  | Int           | Csg       | Steady Fla       |            |              |
| 10 min 0 30   15 min 0 30   20 min 0   25 min 0   30 min 0  | 5 min                                  | 0           |                | 30                   |               |           | -                |            |              |
| 15 min       0       30       30       Nothing       Y         20 min       0       0       0       0       0         25 min       0       0       0       0       0       0         30 min       0       0       0       0       0       0       0         If Bradenhead flowed water, check all of the descriptions that apply below:       CLEAR       FRESH       SALTY       SULFUR       BLACK         If Intermediate flowed water, check all of the descriptions that apply below:       CLEAR       FRESH       SALTY       SULFUR       BLACK         5 MINUTE SHUT-IN PRESSURE       Bradenhead       0       Intermediate   | 10 min                                 | 0           |                | 30                   |               |           | Surges           |            |              |
| 20 min       Gas         25 min       Gas & Water         30 min       Gas & Water         If Bradenhead flowed water, check all of the descriptions that apply below:       Water         CLEAR       FRESH       SALTY       SULFUR       BLACK         If Intermediate flowed water, check all of the descriptions that apply below:       CLEAR       FRESH       SALTY         SULFUR       BLACK       BLACK       SULFUR       BLACK       SULFUR         State       SALTY       SULFUR       BLACK       SULFUR       BLACK         State       SALTY       SULFUR       BLACK       State         State       State       O       Intermediate       State         State       State       State       State       State </td <td>15 min</td> <td>0</td> <td></td> <td>30</td> <td></td> <td></td> <td>Down to N</td> <td>othing</td> <td></td> | 15 min                                 | 0           |                | 30                   |               |           | Down to N        | othing     |              |
| 25 min       Gas & Water         30 min       Gas & Water         If Bradenhead flowed water, check all of the descriptions that apply below:       Water         CLEAR       FRESH       SALTY       SULFUR       BLACK         If Intermediate flowed water, check all of the descriptions that apply below:       CLEAR       FRESH       SALTY         SULFUR       BLACK       BLACK       SULFUR       BLACK         ST INUTE SHUT-IN PRESSURE       Bradenhead       0       Intermediate         REMARKS:       SULFUR       SULFUR       SULFUR  | 20 min                                 |             |                |                      |               |           | Nothing          | Y          |              |
| 30 min       Gas & Water         Water       Water         If Bradenhead flowed water, check all of the descriptions that apply below:       Example 1000000000000000000000000000000000000  |  |             |                |                      |               |           | Gas              |            |              |
| If Bradenhead flowed water, check all of the descriptions that apply below:   CLEAR FRESH   SALTY SULFUR   BLACK   If Intermediate flowed water, check all of the descriptions that apply below: CLEAR FRESH SALTY SULFUR BLACK BLACK Intermediate REMARKS:   |  |             |                |                      |               |           | Gas & Wa         | ter        |              |
| If Intermediate flowed water, check all of the descriptions that apply below:<br>CLEAR FRESH SALTY SULFUR BLACK   | <b>50</b> mm                           |             |                |                      |               |           | Water            |            |              |
| If Intermediate flowed water, check all of the descriptions that apply below:         CLEAR       FRESH       SALTY       SULFUR       BLACK         5 MINUTE SHUT-IN PRESSURE       Bradenhead       0       Intermediate         REMARKS:       Intermediate       Intermediate       Intermediate  | lf Bradeni                             | nead flowe  | ed water, ch   | eck all of           | the descrip   | otions tl | nat apply below: |            |              |
| CLEAR       FRESH       SALTY       SULFUR       BLACK         5 MINUTE SHUT-IN PRESSURE       Bradenhead       0       Intermediate         REMARKS:       Intermediate       Intermediate       Intermediate  | CLEAR FRESH                            |             | ۲              | SALTY                |               | SULFUR    | BLACK            |            |              |
| 5 MINUTE SHUT-IN PRESSURE       Bradenhead       0       Intermediate         REMARKS:       Intermediate       Intermediate       Intermediate   | lf Interme                             | diate flow  | ed water, ch   | neck all o           | f the descrij | otions t  | hat apply below: |            |              |
| REMARKS:  | C                                      | CLEAR FRESH |                | Η                    | SALTY         |           | SULFUR           | BLACK      |              |
|   | 5 MINUTE SHUT-IN PRESSURE Bradenhead 0 |             |                |                      |               | Intermed  | diate            |            |              |
|   |  |             | nstantly throu | ugh 1" val           | ve. No witne  | ss need   | ed per Monica.   |            |              |

Tested By Dylan Rybacki

Witness Ok'd by Monica