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Hilcorp  
382 CR 3100  
Aztec NM, 87410

Project: Braden Head  
Project Name / Number: South  
Project Manager: David Bounds

**Reported:**  
07/07/23 13:20

**Koch State Com 1A- Braden Head****2306251-03 (Produced Water)****Sampled Date: 06/20/23 09:00**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**General Chemistry**

|                                  |              |      |      |          |     |                |          |    |     |
|----------------------------------|--------------|------|------|----------|-----|----------------|----------|----|-----|
| <b>Chloride*</b>                 | <b>56.5</b>  | 50.0 | 2.78 | mg/L     | 50  | 07/04/23 04:58 | EPA300.0 |    | AWG |
| <b>pH*</b>                       | <b>8.80</b>  |      |      | pH Units | 1   | 06/23/23 12:06 | EPA150.1 | H1 | KRW |
| <b>pH Temperature, degrees C</b> | <b>20.4</b>  |      |      | pH Units | 1   | 06/23/23 12:06 | EPA150.1 | H1 | KRW |
| <b>Sulfate*</b>                  | <b>10000</b> | 100  | 12.4 | mg/L     | 100 | 07/05/23 11:16 | EPA300.0 |    | AWG |
| <b>Total Dissolved Solids*</b>   | <b>14800</b> | 20.0 |      | mg/L     | 2   | 06/27/23 10:50 | EPA160.1 |    | CAI |

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Veronica J. Wells'.

Veronica Wells, Project Manager

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

CONDITIONS

Action 243719

CONDITIONS

|  |   |
|--|---|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                    |
|  | Action Number:<br>243719                            |
|  | Action Type:<br>[UF-GA] Gas Analysis (GAS ANALYSIS) |

CONDITIONS

| Created By | Condition                               | Condition Date |
|------------|---|----------------|
| mkuehling  | TDS 14800 bradenhead has produced water | 9/20/2023      |