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Hilcorp  
382 Road 3100  
Aztec NM, 87410

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

**Reported:**  
07/16/21 07:16

**Gerk GasCom B1M** API / UWI  
**Area 8** 3004524953

**2107095-01 (Ground Water)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

<b>Chloride*</b>	<b>92.7</b>	150	6.34	mg/L	150	07/13/21 17:23	EPA300.0		AES
<b>pH*</b>	<b>7.18</b>			pH Units	1	07/09/21 13:55	EPA150.1	H1	VJW
<b>Total Dissolved Solids*</b>	<b>10500</b>	20.0		mg/L	2	07/09/21 15:30	EPA160.1	H1	VJW
<b>Sulfate*</b>	<b>7140</b>	150	22.9	mg/L	150	07/13/21 17:23	EPA300.0		AES

Green Analytical Laboratories

A handwritten signature in black ink that reads 'Debbie Zufelt'.

Debbie Zufelt, Reports Manager

Released to Imaging: 8/3/2021 3:35:44 PM

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### Notes and Definitions

H1 Sample was received several days after collected and subsequently analyzed past hold time.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis  
\*Results reported on as received basis unless designated as dry.

RPD Relative Percent Difference

LCS Laboratory Control Sample (Blank Spike)

RL Report Limit

MDL Method Detection Limit

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**District IV**  
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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 39663

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 39663
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	tds on bradenhead is 10500 - submit water analysis on production casing for the well.	8/3/2021