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www.GreenAnalytical.com

Hilcorp  
382 Road 3100  
Aztec NM, 87410

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

**Reported:**  
05/20/21 12:51

**Burroughs com #1 (BH) 30-045-06149**  
**Area 9**

**2105099-03 (Produced Water)**

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

Chloride*	65.7	100	4.22	mg/L	100	05/17/21 19:52	EPA300.0		AES
pH*	7.54			pH Units	1	05/12/21 08:05	EPA150.1	H1	VJW
Total Dissolved Solids*	4970	10.0		mg/L	1	05/13/21 10:15	EPA160.1		VJW
Sulfate*	3290	100	15.2	mg/L	100	05/17/21 19:52	EPA300.0		AES

Green Analytical Laboratories

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

Debbie Zufelt, Reports Manager

Released to Imaging: 6/11/2021 3:22:39 PM

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

**Reported:**  
05/20/21 12:51

**Burroughs com #1 (Intermediate)  
Area 9**

**2105099-04 (Produced Water)**

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

Chloride*	69.5	100	4.22	mg/L	100	05/18/21 22:57	EPA300.0		AES
pH*	9.91			pH Units	1	05/12/21 08:05	EPA150.1	H1	VJW
Total Dissolved Solids*	5100	20.0		mg/L	2	05/13/21 10:15	EPA160.1		VJW
Sulfate*	3410	100	15.2	mg/L	100	05/18/21 22:57	EPA300.0		AES

Green Analytical Laboratories

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Debbie Zufelt, Reports Manager

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**District I**

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Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

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**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 29962

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 29962
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	None	6/11/2021