



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Hilcorp  
382 Road 3100  
Aztec NM, 87410

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

**Reported:**  
09/08/21 15:18

**Sharp 2A (Tubing)  
Area 8**

API / UWI  
3004523815

**2108284-01 (Ground Water)**

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

Chloride*	533	20.0	0.845	mg/L	20	08/30/21 20:12	EPA300.0		AES
pH*	5.03			pH Units	1	08/27/21 10:05	EPA150.1	H1	VJW
pH Temperature, degrees C	15.2			pH Units	1	08/27/21 10:05	EPA150.1	H1	VJW
Total Dissolved Solids*	1130	10.0		mg/L	1	08/27/21 13:15	EPA160.1		VJW
Sulfate*	7.44	20.0	3.05	mg/L	20	08/30/21 20:12	EPA300.0	J	AES

Green Analytical Laboratories

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

Debbie Zufelt, Reports Manager

Released to Imaging: 10/18/2021 2:40:51 PM

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

**Reported:**  
09/08/21 15:18

**Sharp 2A (Bradenhead)**  
**Area 6** API / UWI  
3004523815

**2108284-02 (Ground Water)**

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

Chloride*	60.1	100	4.22	mg/L	100	08/30/21 20:32	EPA300.0		AES
pH*	9.86			pH Units	1	08/27/21 10:05	EPA150.1	H1	VJW
pH Temperature, degrees C	15.6			pH Units	1	08/27/21 10:05	EPA150.1	H1	VJW
Total Dissolved Solids*	5030	10.0		mg/L	1	08/27/21 13:15	EPA160.1		VJW
Sulfate*	3280	100	15.2	mg/L	100	08/30/21 20:32	EPA300.0		AES

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**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**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 47323

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 47323
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	10/18/2021