



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

www.GreenAnalytical.com

Hilcorp
382 CR 3100
Aztec NM, 87410

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

Reported:
07/28/23 15:24

Hubbell 3 - Bradenhead**2307183-01 (Produced Water)****Sampled Date: 07/12/23 10:00**

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

Chloride*	178	50.0	2.78	mg/L	50	07/24/23 21:56	EPA300.0		AWG
pH*	11.6			pH Units	1	07/20/23 14:00	EPA150.1	H4	KRW
pH Temperature, degrees C	19.8			pH Units	1	07/20/23 14:00	EPA150.1	H4	KRW
Sulfate*	2440	50.0	6.20	mg/L	50	07/24/23 21:56	EPA300.0		AWG
Total Dissolved Solids*	5820	20.0		mg/L	2	07/20/23 15:46	EPA160.1	H1	CAI

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

Veronica Wells, Project Manager

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Project: Braden Head
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Project Manager: David Bounds

Reported:
08/16/23 16:26

Hubbell 3 - produced water from separator**2308090-02 (Produced Water)****Sampled Date: 08/02/23 09:00**

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

Chloride*	16600	100	5.55	mg/L	100	08/16/23 08:01	EPA300.0		JDA
pH*	6.59			pH Units	1	08/04/23 09:54	EPA150.1	H2	AES
pH Temperature, degrees C	22.0			pH Units	1	08/04/23 09:54	EPA150.1	H2	AES
Sulfate*	<12.4	100	12.4	mg/L	100	08/16/23 08:01	EPA300.0		JDA
Total Dissolved Solids*	26300	80.0		mg/L	8	08/07/23 17:21	EPA160.1		CAI

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Veronica Wells, Project Manager

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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 255447

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 255447
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	tds 5820 - produced water on the bradenhead	9/15/2023