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Hilcorp	Project: Braden Head	
382 CR 3100	Project Name / Number: South	**Reported:**
Aztec NM, 87410	Project Manager: David Bounds	07/07/23 13:20

Fogelson 4 #1 E-Intermediate Lsg

2306251-02 (Produced Water)
Sampled Date: 06/21/23 13:00

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Chloride*	**8070**	100	5.55	mg/L	100	07/04/23 04:37	EPA300.0		AWG
pH*	**9.87**			pH Units	1	06/23/23 12:06	EPA150.1		KRW
pH Temperature, degrees C	**19.8**			pH Units	1	06/23/23 12:06	EPA150.1		KRW
Sulfate*	**43.2**	100	12.4	mg/L	100	07/04/23 04:37	EPA300.0	J	AWG
Total Dissolved Solids*	**16300**	20.0		mg/L	2	06/27/23 10:48	EPA160.1		CAI

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Veronica J Wells

Veronica Wells, Project Manager

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Hilcorp	Project: Braden Head	
382 CR 3100	Project Name / Number: South	**Reported:**
Aztec NM, 87410	Project Manager: David Bounds	08/14/23 09:18

Fogelson 4 1E Produced water from separator

2308140-01 (Produced Water)

Sampled Date: 08/04/23 08:00

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Chloride*	**14600**	100	5.55	mg/L	100	08/11/23 15:58	EPA300.0		JDA
pH*	**7.49**			pH Units	1	08/08/23 14:20	EPA150.1	H1	AES
pH Temperature, degrees C	**21.2**			pH Units	1	08/08/23 14:20	EPA150.1	H1	AES
Sulfate*	**1350**	100	12.4	mg/L	100	08/11/23 15:58	EPA300.0		JDA
Total Dissolved Solids*	**22600**	80.0		mg/L	8	08/09/23 16:55	EPA160.1		CAI

Green Analytical Laboratories

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 251906

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 251906
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	tds on intermediate water 16300 - produced water is on the intermediate	9/18/2023