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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: Braden Head
Project Name / Number: North
Project Manager: Kevin Fredrickson

Reported:
09/01/23 16:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
Howell K 4	2308299-01	Water	08/16/23 08:00	08/16/23 12:20	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Howell K 4
2308299-01 (Water)
Intermediate
Sampled Date: 08/16/23 08:00

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

Chloride*	4520	100	5.55	mg/L	100	08/28/23 15:30	EPA300.0		AWG
pH*	10.4			pH Units	1	08/17/23 11:26	EPA150.1		CAI
pH Temperature, degrees C	19.7			pH Units	1	08/17/23 11:26	EPA150.1		CAI
Sulfate*	173	100	12.4	mg/L	100	08/28/23 15:30	EPA300.0		AWG
Total Dissolved Solids*	10100	20.0		mg/L	2	08/22/23 17:22	EPA160.1		CAI

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Jeremy D Allen, Laboratory Director

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Hilcorp 382 CR 3100 Aztec NM, 87410	Project: Braden Head Project Name / Number: North Project Manager: Kevin Fredrickson	Reported: 07/07/23 16:29
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Howell K 4 Bradenhead
2306306-01 (Water)
Sampled Date: 06/29/23 07:00

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

Chloride*	386	100	5.55	mg/L	100	07/06/23 19:56	EPA300.0		AWG
pH*	11.9			pH Units	1	06/30/23 14:07	EPA150.1	H1	QEB
pH Temperature, degrees C	17.0			pH Units	1	06/30/23 14:07	EPA150.1	H1	QEB
Sulfate*	8480	100	12.4	mg/L	100	07/06/23 19:56	EPA300.0		AWG
Total Dissolved Solids*	13100	20.0		mg/L	2	06/30/23 14:06	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 261679

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 261679
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	bh = 13100 TDS Int = 10100 TDS bradenhead and intermediate have production water	9/15/2023