

75 Suttle Street Durango, CO 81303 970.247.4220 Phone 970.247.4227 Fax www.greenanalytical.com

09 September 2020

David Bounds Hilcorp 382 Road 3100 Aztec, NM 87410 RE: Braden Head Zachry 60 - API# 30-045-26761

Enclosed are the results of analyses for samples received by the laboratory on 08/28/20 14:12. If you need any further assistance, please feel free to contact me.

Sincerely,

Deblie Zufett

Debbie Zufelt Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at http://greenanalytical.com/certifications/

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8.



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Hilcorp	Project: Braden Head	
382 Road 3100	Project Name / Number: [none]	Reported:
Aztec NM, 87410	Project Manager: David Bounds	09/09/20 17:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
Zachry 60- Tubing	2009006-01	Water	08/28/20 00:00	08/28/20 14:12	H1
Zachry 60- Braden Head	2009006-02	Water	08/28/20 00:00	08/28/20 14:12	H1
Hubbell 3E- Tubing	2009006-03	Water	08/28/20 00:00	08/28/20 14:12	H1

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Zachry 60- Tubing

2009006-01 (Produced Water)									
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Chloride*	15500	500	44.3	mg/L	500	09/08/20 21:48	EPA300.0		AES
pH*	6.40			pH Units	1	09/01/20 15:47	EPA150.1	H1	VJW
Total Dissolved Solids*	28000	40.0		mg/L	4	09/01/20 10:20	EPA160.1		VJW
Sulfate*	<76.2	500	76.2	mg/L	500	09/08/20 21:48	EPA300.0		AES

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382 Road 3100	Project Name / Number: [none]	Reported:
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Zachry 60- Braden Head

2009006-02 (Produced Water)									
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Chloride*	122	200	17.7	mg/L	200	09/08/20 22:08	EPA300.0		AES
pH*	12.1			pH Units	1	09/03/20 09:25	EPA150.1	H3	VJW
Total Dissolved Solids*	13600	20.0		mg/L	2	09/01/20 10:20	EPA160.1		VJW
Sulfate*	9020	200	30.5	mg/L	200	09/08/20 22:08	EPA300.0		AES

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CREEK Analytical Laboratories		I	75 Si Durango, Phone:970 FAX: 970	-247-422	et 3	GA PC		CHA ork (IN (Drder	OF C	-		DY F	REC	ORI	2
10° a a	ample Location		(1)Bumpe (6)PigLau (12)Sepa	erSpring, (uncher, (7) ratorInlet, Outlet, (17 - u, (2)CO2G	2)Com PigRei (13)Se 7)Trans	press ceiver parato sferPu	orDisch , (8)Pip prOutle mp, (18	peline, peline, et, (14) 8)Valv	, (3)Flo , (9)Pit)Separ veCan,	Tank, atorD (19)V	(10)F ump, Vater	PostFi (15)S Fank,	ilter, (1 WDInle (20)Wo	1)PreF et ellhead		
		Co	llection			Name			-							
Well Name (Sample		Area	Date	Time	Collected By: (Init.)	Sample Location	Sample Type	No. of Containers	Filtered: Y / N	Unpreserved as	H2SO4	Other:	Ton and Manganese	Phosphate Phosphate	ā	raden
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