



Hilcorp 382 Road 3100 Aztec NM, 87410	Project: Braden Head Project Name / Number: [none] Project Manager: David Bounds	Reported: 08/17/20 09:02
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
Zachry 10 API# 30-045-07727	2007286-02	Water	07/24/20 00:00	07/24/20 15:36	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Hilcorp	Project: Braden Head	
382 Road 3100	Project Name / Number: [none]	Reported:
Aztec NM, 87410	Project Manager: David Bounds	08/17/20 09:02

Client requested each of the 3 samples be reported individually. This RE report is revised and replaces the original report dated 08/07/20.

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Zachry 10 API# 30-045-07727

2007286-02 (Produced Water)

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

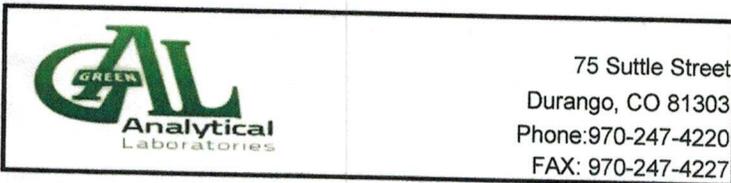
Chloride*	36.9	50.0	4.43	mg/L	50	08/05/20 20:26	EPA300.0		AES
pH*	9.08			pH Units	1	07/28/20 13:10	EPA150.1	H1	VJW
Total Dissolved Solids*	3180	10.0		mg/L	1	07/29/20 10:55	EPA160.1		VJW
Sulfate*	2300	50.0	7.62	mg/L	50	08/05/20 20:26	EPA300.0		AES

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Client: Hilcorp	Asset: South	Phone# 505-419-3410	Contact David Bounds
Address: 9A CR# 5793, Farmington NM 87401		E-Mail Address dbounds@hilcorp.com	



CHAIN OF CUSTODY RECORD	
GAL Work Order #	
PO#	
Project Name:	

Sample Location:

- (1)BumperSpring, (2)CompressorDischarge, (3)Flowline, (4)Meter, (5)Oil Tank
(6)PigLauncher, (7)PigReceiver, (8)Pipeline, (9)Pit Tank, (10)PostFilter, (11)PreFilter
(12)SeparatorInlet, (13)SeparatorOutlet, (14)SeparatorDump, (15)SWDInlet
(16)SWDOutlet, (17)TransferPump, (18)ValveCan, (19)WaterTank, (20)Wellhead
(21)Other
- (1)Casing, (2)CO2GasTube, (3)Coupon, (4)Water, (5)H2SGasTube, (6)Metals
(7)O2GasTube, (8)PipeSection, (9)Residual, (10)Sludge, (11)Solid, (12)Tubing, (13)Other

Sample Type:

25.4°C
NDI cc
cc

Well Name (Sample Name)	Collection				Preservative				Analyses Required						
	Area	Date	Time	Collected By: (Init.)	Sample Location	Sample Type	No. of Containers	Filtered: Y/N	Unpreserved	H2SO4	Other:	Iron and Manganese	Phosphate	Full Water API	Bradford
1. Pierce Federal A 2E	7	7/24		RS	20	4	1	N	✓						X
2. Zachry 10	7	7/24		RS	20	4	1	N	✓						X
3. Zachry 60	7	7/24		RS	20	4	1	N	✓						X
4.															
5.															
6.															
7.															
8.															
9.															
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20.															

Relinquished by: <i>[Signature]</i>	Date: 07/24/20	Time: 1536	Received By: <i>[Signature]</i>	Date: 7/24/20	Time: 1536
<i>[Signature]</i>	7/27/20	1455	Raprao Express		
Karyoo Express	7/28/20	0900	<i>[Signature]</i>		

5.6/5.7°C
on ice
laser #1