



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

www.GreenAnalytical.com

Hilcorp  
382 Road 3100  
Aztec NM, 87410

Project: Braden Head  
Project Name / Number: [none]  
Project Manager: Kevin Fredrickson

**Reported:**  
08/07/20 07:35

**Hubbell 3** API# 30-045-11995

**2007287-03 (Produced Water)**

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

Chloride*	180	100	8.86	mg/L	100	08/05/20 22:25	EPA300.0		AES
pH*	11.4			pH Units	1	07/28/20 13:10	EPA150.1	H1	VJW
Total Dissolved Solids*	5130	20.0		mg/L	2	07/29/20 10:55	EPA160.1		VJW
Sulfate*	2160	100	15.2	mg/L	100	08/05/20 22:25	EPA300.0		AES

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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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](mailto:dbounds@hilcorp.com)



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 Phone: 970-247-4220  
 FAX: 970-247-4227

### 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

Sample Type:

(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

Collection								Preservative				Analyses Required			
Well Name (Sample Name)	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	Braden head
1. Hare GC 02E	7	7/24		TH	20	4	1	N	✓						X
2. Hubbell 3E	7	7/24		TH	20	4	1	N	✓						X
3. Hubbell 3	7	7/24		TH	20	4	1	N	✓						X
4.															
5.															
6.															
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17.															
18.															
19.															
20.															

Relinquished by: Joe Chitani Date: 7/24 Time: 3:35 Pm  
Chitani 7/27/20 1655  
Rangaroo Express 7/28/20 0900

Received By: Chitani Date: 7/24/20 Time: 1535  
Rangaroo Express 7/27/20 1655  
Chitani

56/5.7°C  
 on ice  
 Laver #1