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Hilcorp
382 Road 3100
Aztec NM, 87410

Project: Braden Head
Project Name / Number: Asset: East
Project Manager: Bill Eaves

Reported:
06/14/19 11:23

**SJ 27-4 14 X API 30-039-07056
Area 14**

1906075-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Chloride*	30.2	25.0	2.56	mg/L	25	06/12/19	EPA300.0		AES
pH*	10.0			pH Units	1	06/07/19	EPA150.1	H4	JDA
Total Dissolved Solids*	550	10.0		mg/L	1	06/11/19	EPA160.1		VJL
Sulfate*	67.3	25.0	5.33	mg/L	25	06/12/19	EPA300.0		AES

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Notes and Definitions

- Q1 Sample received outside of acceptable temperature range for analyses requiring cold storage.
- H4 pH analysis performed more than 48 hours after sampling.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

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Client: Hilcorp Asset: East Phone# 505-860-5425 Contact: Bill Eaves
 Address: 9A CR# 5793, Farmington NM 87401 E-Mail Address: weaves@hilcorp.com



CHAIN OF CUSTODY RECORD
 GAL Work Order # 1906-074 075
 PO# M0607
 Project Name:

2966
 NO: *[Signature]*

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

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	BradenHead
1) SJ 27-5 107M API 30-039-25930	14	6/5/2019		MSO	20	4	1	NO	NO	NO					XXX
3.															
2) SJ 27-4 14 X API 30-039-07056	14	6/5/2019		MSO	20	4	1	NO	NO	NO					XXX
6.															
7.															
8.															
9.															
10.															
11.															
12.															
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15.															
16.															
17.															
18.															
19.															
20.															

Relinquished by:	Date:	Time:	Received By:	Date:	Time:
<i>[Signature]</i>	6-6-19	15:00	<i>[Signature]</i>	6/6/19	15:00
<i>[Signature]</i>	6/6/19	16:55	Kangaroo Express	6/6/19	16:55
Kangaroo Express	6/7/19	0845	Chata Bricker	6/7/19	0845

Temp. 4.2/4.0°C
 #1 on ice
 #2 as out D60