

TABLE 2
MESA H2-797 SPRING SAMPLES
ANALYTICAL RESULTS
CAERUS OIL AND GAS LLC
PICEANCE BASIN, COLORADO

ANALYTE	910-1 ALLOWABLE CONCENTRATIONS	UNITS	*20141210 - SWNWT7SR97WSEC2	20180619 - SWNWT7SR97WSEC2
Sample Date			12/10/2014	6/19/2018
Sample Type			Spring	Spring
Total Dissolved Solids (TDS)	<1.25 x Background	mg/L	594	550
Alkalinity, Total		mg/L	370	NA
Alkalinity, Bicarbonate		mg/L	370	NA
Alkalinity, Carbonate		mg/L	ND	NA
Ammonia Nitrogen		mg/L	NA	NA
Sulfide		mg/L	NA	ND
pH		su	7.81	NA
Specific Conductance		umhos/cm	758	NA
Bromide		mg/L	0.23	NA
Chloride	<1.25 x Background	mg/L	27.1	11
Fluoride		mg/L	NA	NA
Nitrate		mg/L	0.32	NA
Nitrite		mg/L	ND	NA
Sulfate	<1.25 x Background	mg/L	115	NA
Arsenic, Dissolved		mg/L	NA	NA
Beryllium, Dissolved		mg/L	NA	NA
Cadmium, Dissolved		mg/L	NA	NA
Calcium, Dissolved		mg/L	77.9	NA
Chromium, Dissolved		mg/L	NA	NA
Copper, Dissolved		mg/L	NA	NA
Iron, Dissolved		mg/L	ND	NA
Lead, Dissolved		mg/L	NA	NA
Magnesium, Dissolved		mg/L	42.9	NA
Manganese, Dissolved		mg/L	ND	NA
Potassium, Dissolved		mg/L	ND	NA
Selenium, Dissolved		mg/L	0.001	NA
Silver, Dissolved		mg/L	NA	NA
Sodium, Dissolved		mg/L	74.3	NA
Methane		mg/L	ND	NA
Ethane		mg/L	ND	NA
Ethene		mg/L	NA	NA
Propane		mg/L	ND	NA
Benzene	5	mg/L	ND	ND
Toluene	1000	mg/L	ND	ND
Ethylbenzene	700	mg/L	ND	ND
Xylenes - Total	10000	mg/L	ND	ND

Notes:

* These samples were collected from the same spring in 2014 before the H2-797 was constructed.

Highlight - indicates result exceeds the COGCC Concentration Level

COGCC - Colorado Oil and Gas Conservation Commission

mg/L - miligrams per liter

ND - non detect

NA - not analyzed