5300

Exhibit 6: Water Analysis of Injection Interval

ASTRO-CHEM LAB, INC.

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WATER ANALYSIS REPORT

SAMPLE NUMBER W-12-3802 DATE OF ANALYSIS 5-15-12

COMPANY Slawson

CITY Denver STATE CO

WELL NAME AND/OR NUMBER Verschoot 1-19 SWD

DATE RECEIVED 5-14-12 DST NUMBER

SAMPLE SOURCE Wellhead

LOCATION OF SEC. TWN. RANGE COUNTY Richland

FORMATION Dakota DEPTH

DISTRIBUTION Don Smith
Sam Thome

RESISTIVITY @ 77°F = 0.446 Ohm-Meters pH = 7.13

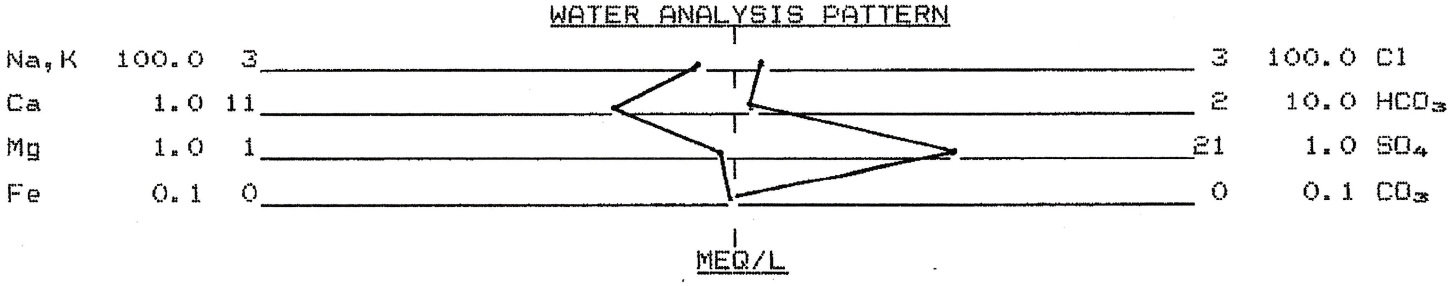
SPECIFIC GRAVITY @ 77°F = 1.010 H_2S = Negative

TOTAL DISSOLVED SOLIDS (CALCULATED) = 20346 mg/L (20144 ppm)

SODIUM CHLORIDE (CALCULATED) = 16837 mg/L (16670 ppm)

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	11.0	218	CHLORIDE	288.0	10210
MAGNESIUM	1.0	11	CARBONATE	0.0	0
SODIUM	319.7	7350	BICARBONATE	22.2	1355
IRON	0.0	0.6	SULFATE	20.8	999
CHROMIUM	0.0	0.0	NITRATE	0.1	5
BARIUM	0.0	0.0			
POTASSIUM	4.7	182			
STRONTIUM	0.2	9.0			
ZINC	0.2	5.4			

WATER ANALYSIS PATTERN



REMARKS

ANALYZED BY: C. Jungels

Exhibit 6: Water Analysis of Injection Interval

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: White Rock Oil & Gas
Project: Not Indicated
Lab ID: B24082375-001
Client Sample ID: Charlie Creek 8-23-Lakota

Report Date: 08/28/24
Collection Date: 08/18/24
DateReceived: 08/23/24
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.7	s.u.	H	0.1		A4500-H B	08/28/24 15:36 / njp
pH Measurement Temp	17.7	°C	H	1.0		A4500-H B	08/28/24 15:36 / njp
Conductivity @ 25 C	18800	umhos/cm		5		A2510 B	08/23/24 13:42 / pmw
Solids, Total Dissolved TDS @ 180 C	11600	mg/L		500		A2540 C	08/23/24 14:10 / bmm

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
H - Analysis performed past the method holding time
MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

Exhibit 6: Water Analysis of Injection Interval

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: White Rock Oil & Gas
Project: Drinking Water Contaminants
Lab ID: B24091147-001
Client Sample ID: Charlie Creek GN 8-23

Report Date: 09/17/24
Collection Date: 09/12/24 10:35
DateReceived: 09/12/24
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.1	s.u.	H	0.1		A4500-H B	09/13/24 11:40 / njp
pH Measurement Temp	16.7	°C		1.0		A4500-H B	09/13/24 11:40 / njp
Conductivity @ 25 C	15200	umhos/cm		5		A2510 B	09/13/24 11:40 / njp
Solids, Total Dissolved TDS @ 180 C	11500	mg/L		200		A2540 C	09/13/24 12:27 / bmm
NUTRIENTS							
Nitrogen, Nitrite as N	0.02	mg/L		0.01		E353.2	09/12/24 17:34 / krt

Report Definitions:
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QCL - Quality Control Limit
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ND - Not detected at the Reporting Limit (RL)