

Sample Data

IKAV Energy Inc. 1199 Main Ave. Suite 242 Durango CO, 81301	Project Name: Bradenhead Project Number: 20095-0001 Project Manager: Jay Rector	Reported: 10/23/2024 2:30:04PM
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Russell #4E
E410155-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chem/Gravimetric by SM2540C						
	mg/L	mg/L		Analyst: RAS		Batch: 2442161
Total Dissolved Solids	4060	25.0	1	10/18/24	10/23/24	
Wet Chemistry by 9040C/4500H+B						
	pH Units	pH Units		Analyst: WF		Batch: 2442157
pH @25°C	7.44		1	10/18/24 10:15	10/18/24 14:49	H5
Wet Chemistry by SM2320B						
	mg/L	mg/L		Analyst: KH		Batch: 2443077
Total Alkalinity (as CaCO3 at pH 4.5)	11.0	10.0	1	10/23/24	10/23/24	
Wet Chemistry by 9050A/2510B						
	uS/cm	uS/cm		Analyst: BA		Batch: 2443104
Specific Conductance (@ 25 C)	5380	10.0	1	10/23/24	10/23/24	
Dissolved Metals by EPA 6010C						
	mg/L	mg/L		Analyst: LS		Batch: 2442110
Calcium	108	5.00	5	10/16/24	10/16/24	
Iron	ND	10.0	5	10/16/24	10/16/24	
Magnesium	ND	5.00	5	10/16/24	10/16/24	
Potassium	5.59	5.00	5	10/16/24	10/16/24	
Sodium	1420	50.0	30	10/16/24	10/18/24	
Sodium Absorption Ratio (CALC)	37.6		1	10/23/24	10/23/24	
Anions by EPA 300.0/9056A						
	mg/L	mg/L		Analyst: WF		Batch: 2442120
Fluoride	ND	2.50	10	10/16/24	10/17/24	
Chloride	ND	20.0	10	10/16/24	10/17/24	
Nitrite-N	ND	2.50	10	10/16/24 15:48	10/17/24 10:24	
Nitrate-N	ND	2.50	10	10/16/24 15:48	10/17/24 10:24	
o-Phosphate-P	ND	2.50	10	10/16/24 15:48	10/17/24 10:24	
Sulfate	2830	20.0	10	10/16/24	10/17/24	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 413025

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 413025
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	TDS 4060 - production water on bradenhead	1/31/2025