

Basis of Pressure Calculations and Assumptions

Bottomhole pressure estimates presented herein are based on **directly observed well conditions** and **current operating assumptions**. Calculations utilize a produced-water density of approximately **9.65 lb/gal**, derived from recent water chemistry analysis, and a **wireline-tagged static fluid level of approximately 325 feet**, which represents the most current and verifiable measurement of fluid height in the wellbore.

Bottomhole pressure has been referenced to the **mid-perforation depth (approximately 4,950 feet)** to provide a representative pressure within the injection interval. At the current conservative operating condition (approximately **500 barrels of water per day** with minimal surface pressure), tubing friction losses are considered negligible, and hydrostatic pressure therefore provides a reasonable approximation of initial bottomhole pressure.

These assumptions are intentionally conservative and reflect actual field measurements rather than inferred or historical conditions. As injection rates and surface pressures increase and operating behavior stabilizes, bottomhole pressure will be re-evaluated using updated operating data, and revised calculations will be submitted as appropriate.

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-52781
5. Indicate Type of Lease
STATE [] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
Javelina 26-25-37 SWD
8. Well Number 1
9. OGRID Number 25670
10. Pool name or Wildcat
SWD; San Andres (96121)
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3039' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [] Gas Well [] Other X SWD
2. Name of Operator BC&D Operating, Inc.
3. Address of Operator 2702 North Grimes, Ste.B, Hobbs, NM 88241
4. Well Location
Unit Letter D : 165 feet from the North line and 195 feet from the West line
Section 26 Township 25-S Range 37-E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3039' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: BHP and Water Chem. Evaluation [X]

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Per requirements of SWD-2522, this sundry addresses bottomhole pressure (as shown) and has the attached water chemistry evaluation. Based on the report, we calculate fluid weight at 9.65#/gal. BHP Assumptions: • Prod wtr: 9.65 ppg (0.5018 psi/ft) • Tubing fluid level: Full • Surf. Inj. Press: 10 psi • Mid-Perf Depth: 4950' • Estimated initial BHP ≈ 2,493.9 psi (Round to: ~2,494 psi)

The well is currently being operated conservatively, with injection limited to approximately 500 bbls of produced water per day under approximately 10 psi surface pressure, with the tubing full. Based on a produced water weight of approximately 9.65 ppg and a mid-perforation depth of approximately 4,950 feet, the estimated initial bottomhole pressure is approximately 2,494 psi. This initial operating condition is intended to confirm formation communication and establish baseline pressure behavior. Injection rates may be incrementally increased as operating data are gathered; however, no material increase in injection rate or pressure is anticipated until operating behavior has stabilized. After a sustained operating period (anticipated at approximately six months), injection rates and pressures will be re-evaluated and updated calculations and proposed operating parameters will be submitted under separate sundry, as appropriate. At the current rate, friction is considered negligible.

REVISION: This sundry includes a summary of swab testing and sampling procedure w/ time and observations and the chain of custody statements.

[Workover] Spud Date: []

Rig Release Date: []

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Agent for BC&D Operating, Inc. DATE 1/28/2026

Type or print name Ben Stone E-mail address: ben@sosconsulting.us PHONE: 936-367-5950

For State Use Only

APPROVED BY: [] TITLE [] DATE []

Conditions of Approval (if any):



Brine Chemistry Evaluation

SYSTEM IDENTIFICATION

MaxFlow Chemicals
 BC&D
 Javelina 26-25 SWD
 4219-4640

Sample ID#: 0
 ID: 251029L001

Sample Date: 00-28-2025 at 1200
 Report Date: 10-29-2025

WATER CHEMISTRY

CATIONS(mg/L)

Calcium(as Ca)	14004
Magnesium(as Mg)	5875
Barium(as Ba)	1.06
Strontium(as Sr)	31.66
Sodium(as Na)	44163
Potassium(as K)	528.00
Lithium(as Li)	2.17
Iron(as Fe)	1242
Manganese(as Mn)	11.48
Zinc(as Zn)	4.42
Lead(as Pb)	4.67

ANIONS(mg/L)

Chloride(as Cl)	116400
Sulfate(as SO ₄)	123.30
Dissolved CO ₂ (as CO ₂)	0.0102
Carbonate(as HCO ₃)	0.01000
Carbonate(as CO ₃)	0.00
Phosphate(as PO ₄)	19.43
H ₂ S (as H ₂ S)	8.50
Boron(as B)	5.38

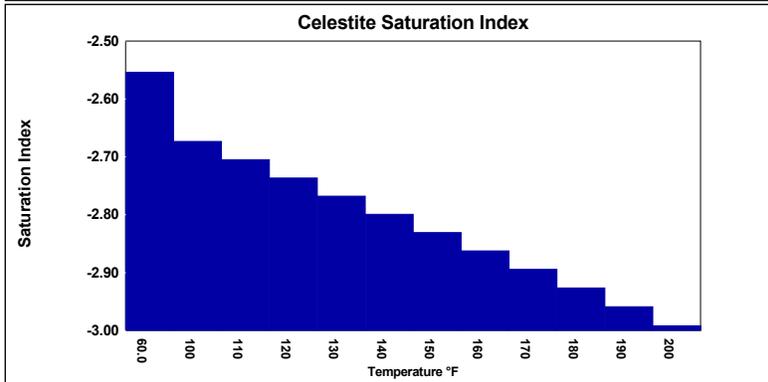
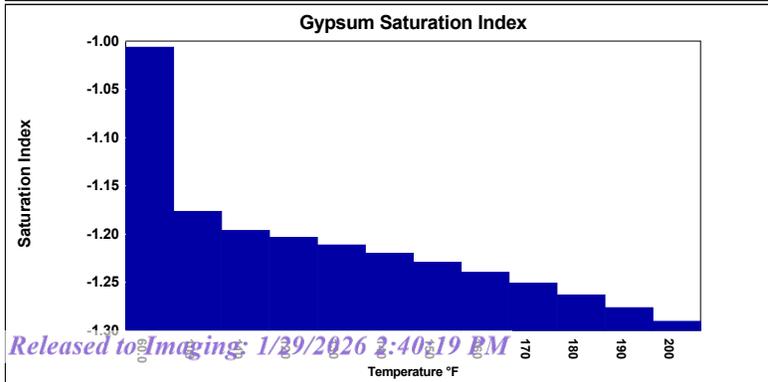
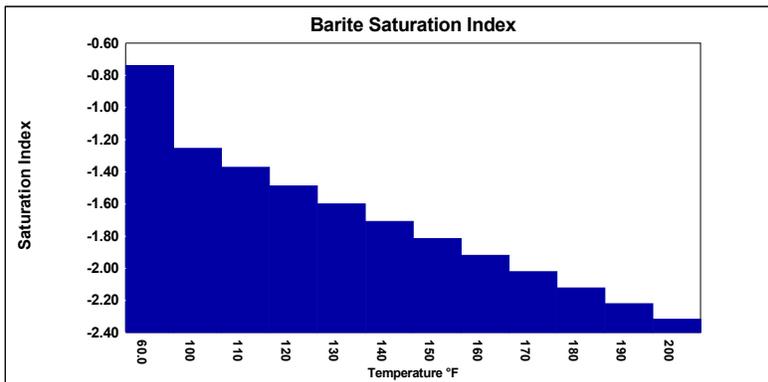
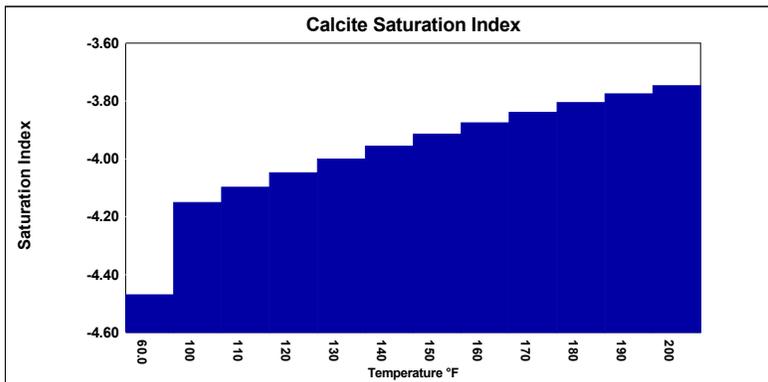
PARAMETERS

Temperature(°F)	100.00	Sample pH	1.00
Conductivity(umhos/cm)	273022	Sp.Gr.(g/mL)	1.109
Resistivity(ohm-cm)	3.66	T.D.S.(mg/L)	195356

SCALE POTENTIAL

Temp. (°F)	Press. (psia)	Calcite CaCO ₃		Anhydrite CaSO ₄		Gypsum CaSO ₄ *2H ₂ O		Barite BaSO ₄		Celestite SrSO ₄		Siderite FeCO ₃		Mackinawite FeS	
		Log(SR)	Lbs per 1000 Barrels	Log(SR)	Lbs per 1000 Barrels	Log(SR)	Lbs per 1000 Barrels	Log(SR)	Lbs per 1000 Barrels	Log(SR)	Lbs per 1000 Barrels	Log(SR)	Lbs per 1000 Barrels	Log(SR)	Lbs per 1000 Barrels
60.00	14.70	-4.47	-0.00493	-1.14	-96.81	-1.01	-77.56	-0.74	-2.51	-2.55	-287.35	-2.96	>-0.001	-9.60	-309.25
100.00	100.00	-4.15	-0.00383	-1.22	-89.71	-1.18	-90.83	-1.26	-6.74	-2.67	-289.72	-2.51	>-0.001	-8.79	-326.07
110.00	290.00	-4.10	-0.00373	-1.23	-85.68	-1.20	-88.97	-1.37	-8.07	-2.71	-290.47	-2.43	>-0.001	-8.34	-330.92
120.00	480.00	-4.05	-0.00365	-1.23	-80.40	-1.20	-84.71	-1.49	-9.49	-2.74	-291.59	-2.34	>-0.001	-8.13	-336.03
130.00	670.00	-4.00	-0.00359	-1.23	-74.25	-1.21	-81.05	-1.60	-11.02	-2.77	-293.16	-2.26	>-0.001	-7.99	-341.42
140.00	860.00	-3.96	-0.00354	-1.21	-67.57	-1.22	-77.95	-1.71	-12.67	-2.80	-295.20	-2.19	>-0.001	-7.88	-347.09
150.00	1050.00	-3.91	-0.00350	-1.19	-60.67	-1.23	-75.35	-1.82	-14.43	-2.83	-297.75	-2.12	>-0.001	-7.80	-353.05
160.00	1240.00	-3.88	-0.00349	-1.16	-53.82	-1.24	-73.21	-1.92	-16.33	-2.86	-300.84	-2.05	>-0.001	-7.73	-359.32
170.00	1430.00	-3.84	-0.00349	-1.13	-47.21	-1.25	-71.51	-2.02	-18.37	-2.89	-304.53	-1.98	>-0.001	-7.68	-365.91
180.00	1620.00	-3.81	-0.00350	-1.09	-40.99	-1.26	-70.23	-2.12	-20.56	-2.93	-308.86	-1.92	>-0.001	-7.62	-372.84
190.00	1810.00	-3.78	-0.00354	-1.05	-35.25	-1.28	-69.35	-2.22	-22.94	-2.96	-313.89	-1.86	>-0.001	-7.58	-380.12
200.00	2000.00	-3.75	-0.00359	-1.01	-30.05	-1.29	-68.87	-2.32	-25.52	-2.99	-319.69	-1.80	>-0.001	-7.54	-387.77

Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. CO₂ (mole %) refers to CO₂ in the gas phase.
 Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.





Brine Chemistry Evaluation

SYSTEM IDENTIFICATION

MaxFlow Chemicals
BC&D
Javelina 26-25 SWD
4460-4726

Sample ID#: 0
ID: 251029L002

Sample Date: 10-28-2025 at 1200
Report Date: 10-29-2025

WATER CHEMISTRY

CATIONS(mg/L)

Calcium(as Ca)	16573
Magnesium(as Mg)	7920
Barium(as Ba)	1.26
Strontium(as Sr)	34.84
Sodium(as Na)	51982
Potassium(as K)	958.00
Lithium(as Li)	3.37
Iron(as Fe)	931.55
Manganese(as Mn)	10.81
Zinc(as Zn)	0.940
Lead(as Pb)	0.01000

ANIONS(mg/L)

Chloride(as Cl)	134800
Sulfate(as SO ₄)	80.00
Dissolved CO ₂ (as CO ₂)	66.76
Bicarbonate(as HCO ₃)	114.68
Carbonate(as CO ₃)	0.00
Phosphate(as PO ₄)	23.78
H ₂ S (as H ₂ S)	3.00
Boron(as B)	6.27

PARAMETERS

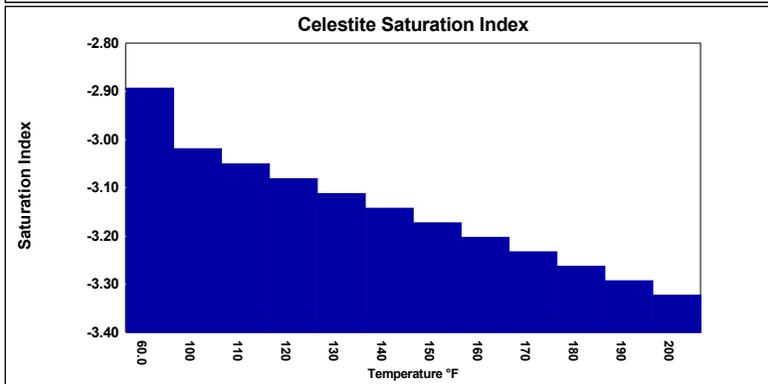
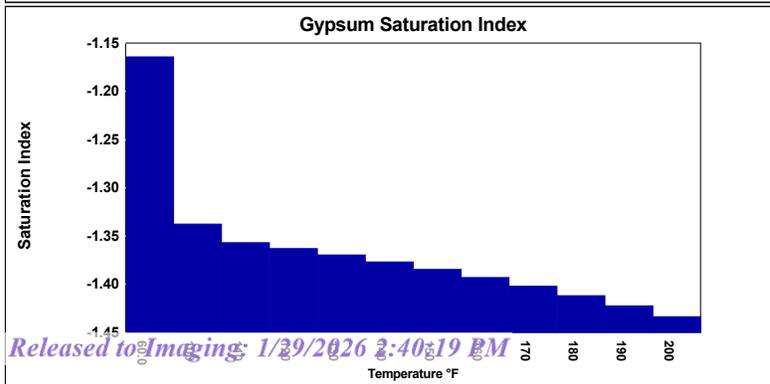
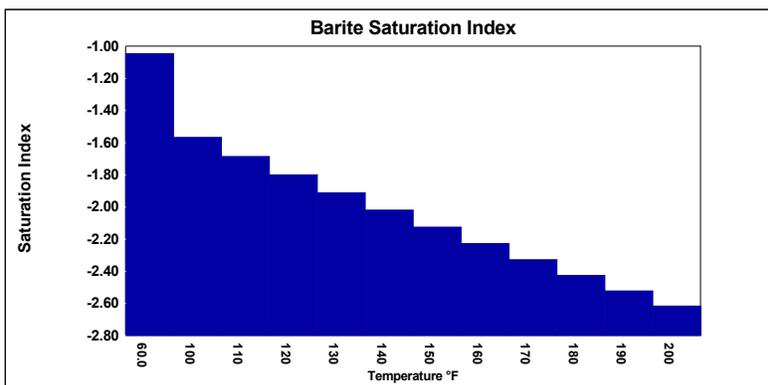
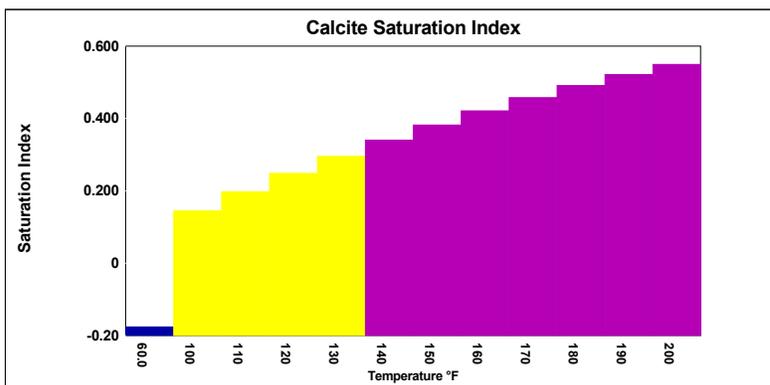
Temperature(°F)	100.00	Sample pH	6.00
Conductivity(umhos/cm)	280653	Sp.Gr.(g/mL)	1.157
Resistivity(ohm-cm)	3.56	T.D.S.(mg/L)	235052

SCALE POTENTIAL

Temp. (°F)	Press. (psia)	Calcite CaCO ₃	Anhydrite CaSO ₄	Gypsum CaSO ₄ *2H ₂ O	Barite BaSO ₄	Celestite SrSO ₄	Siderite FeCO ₃	Mackinawite FeS							
60.00	14.70	-0.18	>-0.001	-1.28	-65.17	-1.16	-55.96	-1.05	-4.66	-2.89	-319.53	0.97	0.00202	-0.26	-0.00744
100.00	100.00	0.14	< 0.001	-1.36	-59.97	-1.34	-64.61	-1.57	-9.65	-3.02	-321.92	1.41	0.00352	0.49	0.0396
110.00	290.00	0.20	0.00127	-1.37	-57.23	-1.36	-63.21	-1.69	-11.08	-3.05	-322.73	1.50	0.00391	0.93	0.147
120.00	480.00	0.25	0.00166	-1.37	-53.69	-1.36	-60.14	-1.80	-12.62	-3.08	-323.96	1.58	0.00431	1.12	0.251
130.00	670.00	0.30	0.00207	-1.36	-49.57	-1.37	-57.51	-1.91	-14.26	-3.11	-325.70	1.66	0.00475	1.25	0.352
140.00	860.00	0.34	0.00249	-1.34	-45.12	-1.38	-55.27	-2.02	-16.02	-3.14	-327.98	1.73	0.00521	1.33	0.453
150.00	1050.00	0.38	0.00292	-1.32	-40.54	-1.38	-53.40	-2.13	-17.91	-3.17	-330.84	1.81	0.00570	1.39	0.552
160.00	1240.00	0.42	0.00338	-1.29	-36.00	-1.39	-51.86	-2.23	-19.95	-3.20	-334.33	1.87	0.00622	1.44	0.650
170.00	1430.00	0.46	0.00385	-1.26	-31.62	-1.40	-50.64	-2.33	-22.15	-3.23	-338.49	1.94	0.00677	1.48	0.747
180.00	1620.00	0.49	0.00435	-1.22	-27.50	-1.41	-49.71	-2.43	-24.53	-3.26	-343.38	2.00	0.00736	1.51	0.843
190.00	1810.00	0.52	0.00486	-1.17	-23.70	-1.42	-49.07	-2.52	-27.12	-3.29	-349.06	2.06	0.00799	1.53	0.939
200.00	2000.00	0.55	0.00540	-1.12	-20.26	-1.43	-48.72	-2.62	-29.93	-3.32	-355.61	2.12	0.00865	1.55	1.03

	Log(SR)	Lbs per 1000 Barrels														

Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. CO₂ (mole %) refers to CO₂ in the gas phase.
Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



Javelina 26-25-37 SWD #1

Swab report

Tubing size

2-7/8"

Pkr Depth

3751'

Perfs

3761'- 4711'

Sample Point

Date	Time in	Time out	Fluid level From surface	Swab Pulled from	BBls Recovered	Fluid Consistency	
10/27/2025	11:00	11:15	1400'	2800'	7	Brackish water	
10/27/2025	11:15	11:30	1400'	2800'	8	Brackish water	
10/27/2025	11:30	11:45	1400'	2800'	7	Brackish water	
10/27/2025	11:45	12:00	1400'	2800'	7	Brackish water	
10/27/2025	12:00	12:15	1400'	2800'	7	Brackish water	
10/27/2025	12:15	12:30	1400'	2800'	7	Brackish water	
10/27/2025	12:30	12:45	1400'	2800'	7	Brackish water	
10/27/2025	12:45	13:00	1400'	2800'	8	Brackish water	
10/27/2025	13:00	13:15	1400'	2800'	7	Brackish water	
10/27/2025	13:15	13:30	1400'	2800'	7	Brackish water	
10/27/2025	13:30	13:45	1400'	2800'	7	Brackish water	
10/27/2025	13:45	14:00	1400'	2800'	7	Brackish water	
10/27/2025	14:00	14:15	1400'	2800'	7	Brackish water	
10/27/2025	14:15	14:30	1400'	2800'	7	Brackish water	
10/27/2025	14:30	14:45	1400'	2800'	7	Brackish water	
10/27/2025	14:45	15:00	1400'	2800'	7	Brackish water	Secured sample @ Well Head
Total BBLs Rec.					114	Brackish water	

Lucky Service Rig # 7

Consultant Gary Amason 830.299.8592 Bruington Engineering, LLC

Samples secured in a quart mason jar by Gary Amason and handed over to Monty Page with MaxFlow Chemical - 432.269.4559

Sample sent to SAMPLETECH LABS Dated 10.28.2025

(SEE CHAIN OF CUSTODY ATTACHED)



Brine Chemistry Evaluation

SYSTEM IDENTIFICATION

MaxFlow Chemicals
BC&D
Javelina 26-25 SWD
4460-4726

Sample ID#: 0
ID: 251029L002

Sample Date: 10-28-2025 at 1200
Report Date: 10-29-2025

WATER CHEMISTRY

CATIONS(mg/L)

Calcium(as Ca)	16573
Magnesium(as Mg)	7920
Barium(as Ba)	1.26
Strontium(as Sr)	34.84
Sodium(as Na)	51982
Potassium(as K)	958.00
Lithium(as Li)	3.37
Iron(as Fe)	931.55
Manganese(as Mn)	10.81
Zinc(as Zn)	0.940
Lead(as Pb)	0.01000

ANIONS(mg/L)

Chloride(as Cl)	134800
Sulfate(as SO ₄)	80.00
Dissolved CO ₂ (as CO ₂)	66.76
Bicarbonate(as HCO ₃)	114.68
Carbonate(as CO ₃)	0.00
Phosphate(as PO ₄)	23.78
H ₂ S (as H ₂ S)	3.00
Boron(as B)	6.27

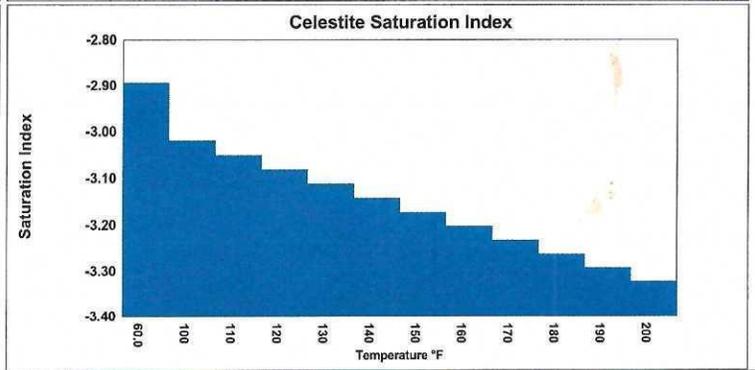
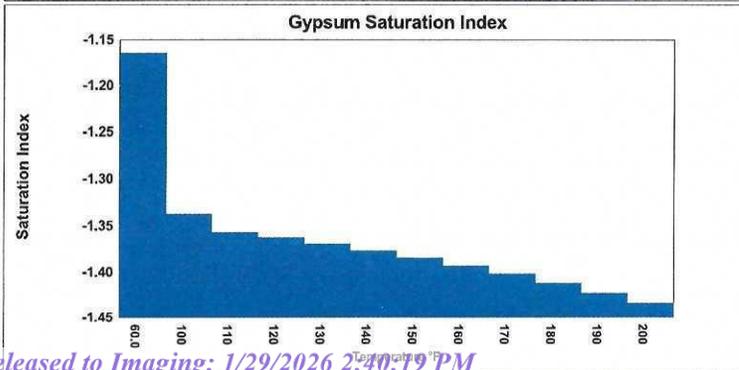
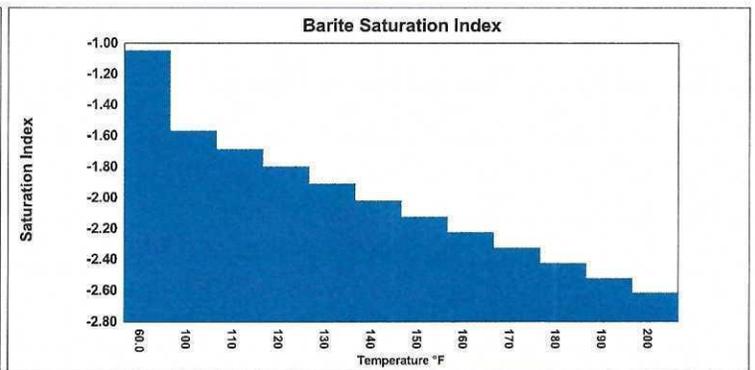
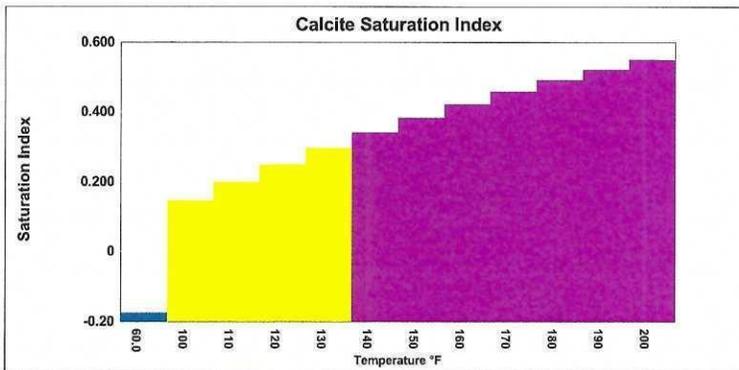
PARAMETERS

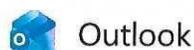
Temperature(°F)	100.00	Sample pH	6.00
Conductivity(umhos/cm)	280653	Sp.Gr.(g/mL)	1.157
Resistivity(ohm-cm)	3.56	T.D.S.(mg/L)	235052

SCALE POTENTIAL

Temp. (°F)	Press. (psia)	Calcite CaCO ₃	Anhydrite CaSO ₄	Gypsum CaSO ₄ *2H ₂ O	Barite BaSO ₄	Celestite SrSO ₄	Siderite FeCO ₃	Mackinawite FeS							
60.00	14.70	-0.18	>-0.001	-1.28	-65.17	-1.16	-55.96	-1.05	-4.66	-2.89	-319.53	0.97	0.00202	-0.26	-0.00744
100.00	100.00	0.14	< 0.001	-1.36	-59.97	-1.34	-64.61	-1.57	-9.65	-3.02	-321.92	1.41	0.00352	0.49	0.0396
110.00	290.00	0.20	0.00127	-1.37	-57.23	-1.36	-63.21	-1.69	-11.08	-3.05	-322.73	1.50	0.00391	0.93	0.147
120.00	480.00	0.25	0.00166	-1.37	-53.69	-1.36	-60.14	-1.80	-12.62	-3.08	-323.96	1.58	0.00431	1.12	0.251
130.00	670.00	0.30	0.00207	-1.36	-49.57	-1.37	-57.51	-1.91	-14.26	-3.11	-325.70	1.66	0.00475	1.25	0.352
140.00	860.00	0.34	0.00249	-1.34	-45.12	-1.38	-55.27	-2.02	-16.02	-3.14	-327.98	1.73	0.00521	1.33	0.453
150.00	1050.00	0.38	0.00292	-1.32	-40.54	-1.38	-53.40	-2.13	-17.91	-3.17	-330.84	1.81	0.00570	1.39	0.552
160.00	1240.00	0.42	0.00338	-1.29	-36.00	-1.39	-51.86	-2.23	-19.95	-3.20	-334.33	1.87	0.00622	1.44	0.650
170.00	1430.00	0.46	0.00385	-1.26	-31.62	-1.40	-50.64	-2.33	-22.15	-3.23	-338.49	1.94	0.00677	1.48	0.747
180.00	1620.00	0.49	0.00435	-1.22	-27.50	-1.41	-49.71	-2.43	-24.53	-3.26	-343.38	2.00	0.00736	1.51	0.843
190.00	1810.00	0.52	0.00486	-1.17	-23.70	-1.42	-49.07	-2.52	-27.12	-3.29	-349.06	2.06	0.00799	1.53	0.939
200.00	2000.00	0.55	0.00540	-1.12	-20.26	-1.43	-48.72	-2.62	-29.93	-3.32	-355.61	2.12	0.00865	1.55	1.03
		Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels	Lbs per Log(SR) 1000 Barrels

Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. CO₂ (mole %) refers to CO₂ in the gas phase.
Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.





Fwd: Chain of Custody Form for Javelina Well CWA Report

From Donnie Hill JR <dhilljr@wellconsultant.com>

Date Mon 1/12/2026 4:15 PM

To Donnie Hill <dhill@wellconsultant.com>

1 attachment (5 MB)

SAMPLETECH Chain of Custody Form for CWA Samples from 10-28-25.pdf;

Sent from my iPhone

Begin forwarded message:

From: "M. Page" <mpage@maxflowchemicals.com>

Date: January 12, 2026 at 2:42:11 PM MST

To: Donnie Hill JR <dhilljr@wellconsultant.com>

Subject: Chain of Custody Form for Javelina Well CWA Report

Attached is the requested chain of custody for Javelina samples.

Thanks,

Monty Page
New Mexico/Stateline Region - Operations Manager
Maxflow Chemicals of Texas, LLC
Mobile: 432-269-4559
mpage@maxflowchemicals.com



SAMPLETECH LABS

Sample Log-in Information

Customer/Company Name: MaxFlow Chemicals

Operator: B & D Field: _____

Lease: Javelina 26-25 Well: _____ Region: _____

Acct rep (who will get report): Monty Page 

Phone: _____ Mobile: 432-269-4559

Email: mpage@maxflowchemicals.com

Address: _____

City: _____ State: _____ Zip: _____

Well:	Date	Sample Point	Testing request	Notes
Javelina 26-25	10-28-25	4219-41640	CWA	
Javelina 26-25	10-28-25	4460-4726	CWA	

IF IT IS A RUSH SAMPLE PLEASE CONTACT US

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/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 547530

CONDITIONS

Operator: BC & D OPERATING INC. 2702 N. Grimes ST B Hobbs, NM 88240	OGRID: 25670
	Action Number: 547530
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	Submit C-105 form with depth pics for each formation top, including the formation top for the approved injection interval.	1/29/2026