

Cement Post Job Report

Client: PDC Energy

Well Name: Bost Farm 38N-8C-L

API #: 05-123-51456-00

Job Date: March 29th, 2022

Job Type: New Well - 5.5" Production String

Cement Company & Contact: EXERO Well Integrity -
Cheve Meyer 720-239-3819



ROCK SOLID
WELL INTEGRITY
SOLUTIONS

Treatment Report

Client PDC		Well Name & No. Bost Farm 38N-8C-L		Rig Name & No. Patterson 272		Date 3/29/2022	
Job Type Production		Wellhead Connection 5 1/2" HP Cement Head		Casing/Tubing Thread Type Buttress		BHST Deg 275	BHCT Deg 200
Well MD (ft) 18333	Well TVD (ft) 7270	Deg Dev. 90	No. of Stages 1	Tapered String No	Max. PSI. 7000	Max. Ann. PSI. 2500	
Packer/Retainer/DV Tool Depth		Top of Perfs		Bottom of Perfs		Number of Holes	

Pipe/String Details

String	Type of Casing, Tub, DP	OD"	Wt-lb/Ft	ID"	OH Size"	% Excess Lead	% Excess Tail	Depth (ft)
Surface	Casing	9.625	36					1741
Production	Casing	5.5	20	4.778	8.5	0	0	18320

Pre-Job Mud and Well Conditions

Mud Type	OBM	Pipe Rotation		Circulation Data			
Mud wt. ppg	10.8	Rotate Y,N	No	Time Circulated (hrs)		3	
Flow Temp		Rate		Circulation Rate (bpm)		10	
Vis. Sec/qt		Torque Val.		Full Circulation (Y,N, Partial)			
PV (cP)		Rotate Time		Gas Present (Y,N)		Units	
Yield Pt		Pipe Reciprocation		Centralizers/Plugs			
10 sec gel		Recip Y,N	No	Quantity & Type			
10 min gel		Stroke (ft)		Top Plug/Type			
30 min gel		Recip time		Bottom Plug/Type/Burst psi			

Prejob Calculated Materials, Volumes, & Rates

Preflush & Spacers		Stage 1 Lead: Class G		Stage 1 Tail: Class G		Stage 2 Lead: NA		Stage 2 Tail: NA		Displacement	
Spacer 1	Spacer	Density	12.9	Density	13.7	Density		Density		Fluid Type	Water
Density	12	Sacks	1276	Sacks	1622	Sacks		Sacks		Density	8.34
Volume	140	Vol/bbls	256.8	Vol/bbls	395.8	Vol/bbls	0.0	Vol/bbls	0.0	Volume (bbls)	406
Rate	10	Rate	11	Rate	11	Rate		Rate		Rate (bpm)	10
Spacer 2	Water	Yield	1.13	Yield	1.37	Yield		Yield		Clay Stabilizer?	No
Density	8.34	Gal/Sk	3.9	Gal/Sk	6.63	Gal/Sk		Gal/Sk		Biocide/Inhibitor?	Yes
Volume	5	% Excess	0	% Excess	0	% Excess		% Excess		Slow Rate @ bbl	386
Rate	9	Lead Top	2400	Tail Top	8674	Lead Top		Tail Top		Bump (psi)	3350
H2O Req.	145	H2O Req.	118	H2O Req.	256	H2O Req.	0	H2O Req.	0	H2O Req.	406

Post Job Details, Final Volumes & Pressures

Job Water Requirements (job+ washup+20% safety factor)		1111		bbls	
Actual Displacement (bbls)	406	Spacer to Surface		Yes	
Bump Plug?	yes	Spacer Volume To Pit (bbls)		25	
Final Bump Pressure	3350	Cement To Surface (Y,N)		No	
Full Returns Thru Job	Yes	Cement Volume To Surface		0	
Vol/Time When Circ. Loss		Surface Top Out?		No	
Vol/Time when Loss Stops		Top Out Volume (bbls)		0	

Additional Post Job Notes

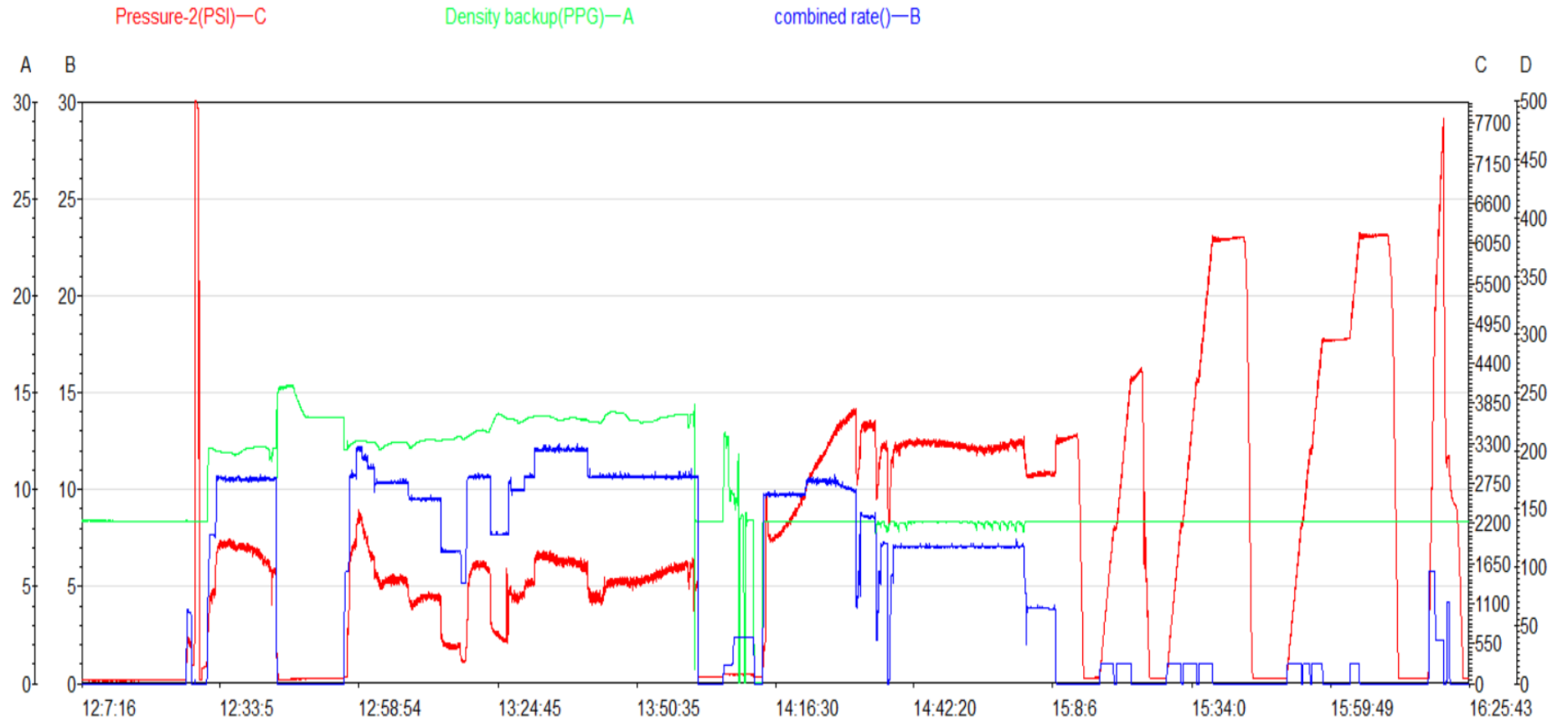


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Job Treatment Log

Client	Well Name & Number		Rig Name		Date	Ambient Conditions (Temperature / Humidity / Air Pressure)	
PDC	Bost Farm 38N-8C-L		Patterson 272		3/29/2022	47 Deg F / 83% / 24.55 in	
Date (MM/DD/YY)	Time (HH:MM)	Density (ppg)	Rate (bpm)	Volume (bbl)	Cumulative Volume (bbl)	Pressure	Treatment Details
3/28/2022	22:00						arrived on location time with a location time of 16:00
	22:00						waited on rig to run casing
3/29/2022	8:00						rigged up
	8:50						waited for rig to finish circulating
	11:45						safety meeting
	12:00						rigged up floor and dropped first bottom plug
	12:17	8.34	3.50	3.0		450.0	filled lines
	12:19					8000.0	pressure tested lines to 8000
	12:21						
	12:21	12.00	10.50	140.0		1500.0	pumped spacer with surfactants/fiber
	12:34						dropped second bottom plug
	12:46	12.90	10.50	256.0		1800.0	MIX AND PUMP 1276 SKS LEAD @ 12.9# , 1.13 CUFT/SK AND 3.90 GALS / SK ,with fiber, TOP OF LEAD @ 2353'
	13:14	13.70	10.60	396.0		1200.0	MIX AND PUMP 1622 SKS TAIL @ 13.7# , 1.37 CUFT/SK AND 6.63 GALS/SK, with fiber, TOP OF TAIL @ 8614'
	13:52	8.34	10.50	8.0		1300.0	PUMP 8 BBLS OF SUGAR WATER
	13:52						shutdown for washup and dropping of top plug
	14:04	8.34	10.00	50.0		2100.0	started fresh water displacement biocide throughout all
	14:10	8.34	10.00	50.0	50.0	2200.0	water displacement
	14:15	8.34	10.00	50.0	100.0	3000.0	water displacement
	14:20	8.34	10.00	50.0	150.0	3600.0	water displacement
	14:27	8.34	7.00	50.0	200.0	3200.0	water displacement
	14:34	8.34	7.00	50.0	250.0	3200.0	water displacement
	14:42	8.34	7.00	50.0	300.0	3200.0	water displacement
	14:49	8.34	7.00	36.0	350.0	3200.0	water displacement
	14:56	8.34	4.00	20.0	386.0	2800.0	slowed rate to land plug
	14:59				406.0	2800.0	plug landed with fcp of 2800 psi took to 3350 psi
	15:05						checked floats, held with 4.5 bbls back
	15:07						set packer per tool hand
	16:08		2.00	2.0			shifted sleeve and pumped a 2 bbl wet shoe. Shifted 7780@psi.
	16:15						bled off
	16:15						rigged down

Bost Farm 38N-8C-L Pump Chart – Pressure / Rate / Density





Centralizer Depths

Well Name: Bost Farm 38N-8C-L

Production, Set Depth: 18,320.0ftKB

API 0512351456000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00		Original KB Elevation (ft) 4,902.00		KB-Ground Distance (ft) 28.00		Spud Date 3/24/2022 22:30		Rig Release Date 3/29/2022 19:30		On Production Date Abandon Date	

Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
7	1	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			18,244.0	75.97
9	3	Casing Joints	5 1/2	20.00	P-110	Yes	40.55	Yes			18,162.7	157.34
11	5	Casing Joints	5 1/2	20.00	P-110	Yes	40.93	Yes			18,080.8	239.17
13	7	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			17,999.2	320.82
15	9	Casing Joints	5 1/2	20.00	P-110	Yes	40.83	Yes			17,917.4	402.60
17		Marker Joint C	5 1/2	20.00	P-110	Yes	9.97	Yes			17,866.5	453.52
19	12	Casing Joints	5 1/2	20.00	P-110	Yes	40.76	Yes			17,784.8	535.19
21	14	Casing Joints	5 1/2	20.00	P-110	Yes	40.91	Yes			17,703.1	616.90
23	16	Casing Joints	5 1/2	20.00	P-110	Yes	40.93	Yes			17,621.7	698.33
25	18	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			17,540.0	780.04
27	20	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			17,458.1	861.90
29	22	Casing Joints	5 1/2	20.00	P-110	Yes	41.06	Yes			17,376.0	944.05
31	24	Casing Joints	5 1/2	20.00	P-110	Yes	40.91	Yes			17,294.1	1,025.89
33	26	Casing Joints	5 1/2	20.00	P-110	Yes	40.91	Yes			17,212.3	1,107.74
35	28	Casing Joints	5 1/2	20.00	P-110	Yes	40.95	Yes			17,130.4	1,189.56
37	30	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			17,048.6	1,271.43
39	32	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			16,967.0	1,353.00
41	34	Casing Joints	5 1/2	20.00	P-110	Yes	40.05	Yes			16,886.1	1,433.92
43	36	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			16,804.5	1,515.52
45	38	Casing Joints	5 1/2	20.00	P-110	Yes	40.07	Yes			16,723.4	1,596.56
47	40	Casing Joints	5 1/2	20.00	P-110	Yes	41.04	Yes			16,641.4	1,678.60
49	42	Casing Joints	5 1/2	20.00	P-110	Yes	40.73	Yes			16,560.6	1,759.45
51	44	Casing Joints	5 1/2	20.00	P-110	Yes	40.67	Yes			16,478.8	1,841.19
53	46	Casing Joints	5 1/2	20.00	P-110	Yes	41.01	Yes			16,397.1	1,922.86
55	48	Casing Joints	5 1/2	20.00	P-110	Yes	41.07	Yes			16,315.3	2,004.74
57	50	Casing Joints	5 1/2	20.00	P-110	Yes	40.05	Yes			16,234.4	2,085.64
59	52	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			16,153.0	2,167.01
61	54	Casing Joints	5 1/2	20.00	P-110	Yes	41.06	Yes			16,071.6	2,248.40
63	56	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			15,989.8	2,330.20
65	58	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			15,908.2	2,411.82
67	60	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			15,826.9	2,493.06



Centralizer Depths

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Production, Set Depth: 18,320.0ftKB

API 0512351456000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00		Original KB Elevation (ft) 4,902.00		KB-Ground Distance (ft) 28.00		Spud Date 3/24/2022 22:30		Rig Release Date 3/29/2022 19:30		On Production Date Abandon Date	

Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
69	62	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			15,745.1	2,574.86
71	64	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			15,664.2	2,655.81
73	66	Casing Joints	5 1/2	20.00	P-110	Yes	40.85	Yes			15,582.3	2,737.72
75	68	Casing Joints	5 1/2	20.00	P-110	Yes	40.24	Yes			15,501.5	2,818.53
77	70	Casing Joints	5 1/2	20.00	P-110	Yes	40.79	Yes			15,419.9	2,900.13
79	72	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			15,338.5	2,981.49
81	74	Casing Joints	5 1/2	20.00	P-110	Yes	40.47	Yes			15,257.2	3,062.83
83	76	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			15,175.5	3,144.50
85	78	Casing Joints	5 1/2	20.00	P-110	Yes	40.75	Yes			15,094.1	3,225.86
87	80	Casing Joints	5 1/2	20.00	P-110	Yes	41.10	Yes			15,012.2	3,307.80
89	82	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			14,930.8	3,389.24
91	84	Casing Joints	5 1/2	20.00	P-110	Yes	40.94	Yes			14,849.1	3,470.93
93	86	Casing Joints	5 1/2	20.00	P-110	Yes	40.63	Yes			14,767.6	3,552.37
95	88	Casing Joints	5 1/2	20.00	P-110	Yes	40.54	Yes			14,687.0	3,632.97
97	90	Casing Joints	5 1/2	20.00	P-110	Yes	40.75	Yes			14,605.9	3,714.12
99	92	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			14,524.5	3,795.51
101	94	Casing Joints	5 1/2	20.00	P-110	Yes	40.42	Yes			14,443.4	3,876.63
103	96	Casing Joints	5 1/2	20.00	P-110	Yes	40.93	Yes			14,361.5	3,958.47
105	98	Casing Joints	5 1/2	20.00	P-110	Yes	40.33	Yes			14,281.3	4,038.75
107	100	Casing Joints	5 1/2	20.00	P-110	Yes	41.03	Yes			14,199.1	4,120.86
109	102	Casing Joints	5 1/2	20.00	P-110	Yes	40.56	Yes			14,118.0	4,202.03
111	104	Casing Joints	5 1/2	20.00	P-110	Yes	40.58	Yes			14,037.0	4,282.98
113	106	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			13,955.2	4,364.85
115	108	Casing Joints	5 1/2	20.00	P-110	Yes	40.51	Yes			13,874.1	4,445.94
117	110	Casing Joints	5 1/2	20.00	P-110	Yes	40.70	Yes			13,792.3	4,527.68
119	112	Casing Joints	5 1/2	20.00	P-110	Yes	39.77	Yes			13,711.8	4,608.22
121	114	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			13,630.7	4,689.28
123	116	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			13,548.7	4,771.31
125	118	Casing Joints	5 1/2	20.00	P-110	Yes	40.73	Yes			13,466.9	4,853.08
127	120	Casing Joints	5 1/2	20.00	P-110	Yes	40.18	Yes			13,385.8	4,934.18
129	122	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			13,304.1	5,015.93



Centralizer Depths

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API 0512351456000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00	Original KB Elevation (ft) 4,902.00	KB-Ground Distance (ft) 28.00	Spud Date 3/24/2022 22:30	Rig Release Date 3/29/2022 19:30	On Production Date	Abandon Date					

Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
131	124	Casing Joints	5 1/2	20.00	P-110	Yes	40.55	Yes			13,222.4	5,097.56
133	126	Casing Joints	5 1/2	20.00	P-110	Yes	40.77	Yes			13,140.7	5,179.27
135		Marker Joint B	5 1/2	20.00	P-110	Yes	9.99	Yes			13,089.8	5,230.20
137	129	Casing Joints	5 1/2	20.00	P-110	Yes	41.03	Yes			13,007.9	5,312.06
139	131	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			12,926.5	5,393.46
141	133	Casing Joints	5 1/2	20.00	P-110	Yes	40.94	Yes			12,845.5	5,474.46
143	135	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			12,763.8	5,556.19
145	137	Casing Joints	5 1/2	20.00	P-110	Yes	40.86	Yes			12,682.1	5,637.86
147	139	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			12,600.5	5,719.46
149	141	Casing Joints	5 1/2	20.00	P-110	Yes	40.33	Yes			12,519.4	5,800.62
151	143	Casing Joints	5 1/2	20.00	P-110	Yes	40.74	Yes			12,437.7	5,882.29
153	145	Casing Joints	5 1/2	20.00	P-110	Yes	40.22	Yes			12,356.8	5,963.19
155	147	Casing Joints	5 1/2	20.00	P-110	Yes	40.78	Yes			12,275.2	6,044.81
157	149	Casing Joints	5 1/2	20.00	P-110	Yes	40.81	Yes			12,195.1	6,124.89
159	151	Casing Joints	5 1/2	20.00	P-110	Yes	40.77	Yes			12,113.5	6,206.50
161	153	Casing Joints	5 1/2	20.00	P-110	Yes	40.20	Yes			12,032.4	6,287.58
163	155	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			11,951.4	6,368.57
165	157	Casing Joints	5 1/2	20.00	P-110	Yes	41.03	Yes			11,869.5	6,450.54
167	159	Casing Joints	5 1/2	20.00	P-110	Yes	40.58	Yes			11,787.8	6,532.17
169	161	Casing Joints	5 1/2	20.00	P-110	Yes	40.84	Yes			11,706.1	6,613.95
171	163	Casing Joints	5 1/2	20.00	P-110	Yes	41.02	Yes			11,624.0	6,696.02
173	165	Casing Joints	5 1/2	20.00	P-110	Yes	40.87	Yes			11,543.2	6,776.83
175	167	Casing Joints	5 1/2	20.00	P-110	Yes	40.62	Yes			11,461.8	6,858.24
177	169	Casing Joints	5 1/2	20.00	P-110	Yes	40.72	Yes			11,380.4	6,939.58
179	171	Casing Joints	5 1/2	20.00	P-110	Yes	40.22	Yes			11,299.4	7,020.61
181	173	Casing Joints	5 1/2	20.00	P-110	Yes	40.48	Yes			11,218.7	7,101.31
183	175	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			11,137.2	7,182.82
185	177	Casing Joints	5 1/2	20.00	P-110	Yes	40.77	Yes			11,056.7	7,263.35
187	179	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			10,975.9	7,344.12
189	181	Casing Joints	5 1/2	20.00	P-110	Yes	40.87	Yes			10,894.6	7,425.43
191	183	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			10,813.0	7,506.99



Centralizer Depths

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Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
193	185	Casing Joints	5 1/2	20.00	P-110	Yes	40.75	Yes			10,731.7	7,588.32
195	187	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			10,650.0	7,669.98
197	189	Casing Joints	5 1/2	20.00	P-110	Yes	40.70	Yes			10,568.3	7,751.74
199	191	Casing Joints	5 1/2	20.00	P-110	Yes	39.24	Yes			10,488.6	7,831.36
201	193	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			10,406.8	7,913.19
203	195	Casing Joints	5 1/2	20.00	P-110	Yes	41.03	Yes			10,325.2	7,994.82
205	197	Casing Joints	5 1/2	20.00	P-110	Yes	40.23	Yes			10,244.7	8,075.27
207	199	Casing Joints	5 1/2	20.00	P-110	Yes	39.50	Yes			10,165.7	8,154.29
209	201	Casing Joints	5 1/2	20.00	P-110	Yes	38.69	Yes			10,087.8	8,232.21
211	203	Casing Joints	5 1/2	20.00	P-110	Yes	39.18	Yes			10,009.2	8,310.76
213	205	Casing Joints	5 1/2	20.00	P-110	Yes	38.90	Yes			9,931.0	8,388.99
215	207	Casing Joints	5 1/2	20.00	P-110	Yes	39.30	Yes			9,852.2	8,467.83
217	209	Casing Joints	5 1/2	20.00	P-110	Yes	39.22	Yes			9,773.8	8,546.25
219	211	Casing Joints	5 1/2	20.00	P-110	Yes	40.16	Yes			9,694.5	8,625.51
221	213	Casing Joints	5 1/2	20.00	P-110	Yes	39.50	Yes			9,614.9	8,705.13
223	215	Casing Joints	5 1/2	20.00	P-110	Yes	39.55	Yes			9,535.2	8,784.76
225	217	Casing Joints	5 1/2	20.00	P-110	Yes	40.24	Yes			9,455.7	8,864.30
227	219	Casing Joints	5 1/2	20.00	P-110	Yes	39.90	Yes			9,375.7	8,944.35
229	221	Casing Joints	5 1/2	20.00	P-110	Yes	40.81	Yes			9,294.7	9,025.34
231	223	Casing Joints	5 1/2	20.00	P-110	Yes	39.93	Yes			9,215.2	9,104.77
233	225	Casing Joints	5 1/2	20.00	P-110	Yes	40.27	Yes			9,134.8	9,185.19
235	227	Casing Joints	5 1/2	20.00	P-110	Yes	39.47	Yes			9,055.3	9,264.70
237	229	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			8,974.6	9,345.40
239	231	Casing Joints	5 1/2	20.00	P-110	Yes	40.22	Yes			8,894.1	9,425.90
241	233	Casing Joints	5 1/2	20.00	P-110	Yes	39.74	Yes			8,813.3	9,506.68
243	235	Casing Joints	5 1/2	20.00	P-110	Yes	40.53	Yes			8,732.3	9,587.73
245	237	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			8,651.5	9,668.55
247	239	Casing Joints	5 1/2	20.00	P-110	Yes	40.88	Yes			8,570.3	9,749.75
249	241	Casing Joints	5 1/2	20.00	P-110	Yes	40.21	Yes			8,489.5	9,830.46
251		Marker Joint	5 1/2	20.00	P-110	Yes	20.14	Yes			8,429.6	9,890.38
252	243	Casing Joints	5 1/2	20.00	P-110	Yes	40.18	Yes			8,389.4	9,930.56



Centralizer Depths

Well Name: Bost Farm 38N-8C-L

Production, Set Depth: 18,320.0ftKB

API 0512351456000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00	Original KB Elevation (ft) 4,902.00	KB-Ground Distance (ft) 28.00	Spud Date 3/24/2022 22:30	Rig Release Date 3/29/2022 19:30	On Production Date	Abandon Date					

Casing Run Tally

Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
253	244	Casing Joints	5 1/2	20.00	P-110	Yes	40.30	Yes			8,349.1	9,970.86
254	245	Casing Joints	5 1/2	20.00	P-110	Yes	40.10	Yes			8,309.0	10,010.96
255	246	Casing Joints	5 1/2	20.00	P-110	Yes	40.88	Yes			8,268.2	10,051.84
256	247	Casing Joints	5 1/2	20.00	P-110	Yes	39.84	Yes			8,228.3	10,091.68
257	248	Casing Joints	5 1/2	20.00	P-110	Yes	40.13	Yes			8,188.2	10,131.81
258	249	Casing Joints	5 1/2	20.00	P-110	Yes	39.84	Yes			8,148.4	10,171.65
259	250	Casing Joints	5 1/2	20.00	P-110	Yes	40.26	Yes			8,108.1	10,211.91
260	251	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			8,067.2	10,252.81
261	252	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			8,026.4	10,293.61
262	253	Casing Joints	5 1/2	20.00	P-110	Yes	40.91	Yes			7,985.5	10,334.52
263	254	Casing Joints	5 1/2	20.00	P-110	Yes	40.78	Yes			7,944.7	10,375.30
264	255	Casing Joints	5 1/2	20.00	P-110	Yes	40.52	Yes			7,904.2	10,415.82
265	256	Casing Joints	5 1/2	20.00	P-110	Yes	40.84	Yes			7,863.3	10,456.66
266	257	Casing Joints	5 1/2	20.00	P-110	Yes	40.75	Yes			7,822.6	10,497.41
267	258	Casing Joints	5 1/2	20.00	P-110	Yes	40.88	Yes			7,781.7	10,538.29
268	259	Casing Joints	5 1/2	20.00	P-110	Yes	41.08	Yes			7,740.6	10,579.37
269	260	Casing Joints	5 1/2	20.00	P-110	Yes	41.07	Yes			7,699.6	10,620.44
270	261	Casing Joints	5 1/2	20.00	P-110	Yes	40.85	Yes			7,658.7	10,661.29
271	262	Casing Joints	5 1/2	20.00	P-110	Yes	40.91	Yes			7,617.8	10,702.20
272	263	Casing Joints	5 1/2	20.00	P-110	Yes	40.81	Yes			7,577.0	10,743.01
273	264	Casing Joints	5 1/2	20.00	P-110	Yes	40.72	Yes			7,536.3	10,783.73
274	265	Casing Joints	5 1/2	20.00	P-110	Yes	41.06	Yes			7,495.2	10,824.79
275	266	Casing Joints	5 1/2	20.00	P-110	Yes	40.73	Yes			7,454.5	10,865.52
276	267	Casing Joints	5 1/2	20.00	P-110	Yes	40.49	Yes			7,414.0	10,906.01
277	268	Casing Joints	5 1/2	20.00	P-110	Yes	40.42	Yes			7,373.6	10,946.43
278	269	Casing Joints	5 1/2	20.00	P-110	Yes	40.55	Yes			7,333.0	10,986.98
279	270	Casing Joints	5 1/2	20.00	P-110	Yes	40.54	Yes			7,292.5	11,027.52
280	271	Casing Joints	5 1/2	20.00	P-110	Yes	39.91	Yes			7,252.6	11,067.43
281	272	Casing Joints	5 1/2	20.00	P-110	Yes	41.09	Yes			7,211.5	11,108.52
282	273	Casing Joints	5 1/2	20.00	P-110	Yes	41.10	Yes			7,170.4	11,149.62
283	274	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			7,129.6	11,190.42



Centralizer Depths

Well Name: Bost Farm 38N-8C-L

Production, Set Depth: 18,320.0ftKB

API 05123514560000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00		Original KB Elevation (ft) 4,902.00		KB-Ground Distance (ft) 28.00		Spud Date 3/24/2022 22:30		Rig Release Date 3/29/2022 19:30		On Production Date Abandon Date	

Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
284		Marker Joint	5 1/2	20.00	P-110	Yes	20.35	Yes			7,109.2	11,210.77
285	275	Casing Joints	5 1/2	20.00	P-110	Yes	40.58	Yes			7,068.7	11,251.35
286	276	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			7,027.7	11,292.27
287	277	Casing Joints	5 1/2	20.00	P-110	Yes	41.07	Yes			6,986.7	11,333.34
288	278	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			6,945.7	11,374.26
289	279	Casing Joints	5 1/2	20.00	P-110	Yes	40.95	Yes			6,904.8	11,415.21
290	280	Casing Joints	5 1/2	20.00	P-110	Yes	40.56	Yes			6,864.2	11,455.77
291	281	Casing Joints	5 1/2	20.00	P-110	Yes	40.60	Yes			6,823.6	11,496.37
292	282	Casing Joints	5 1/2	20.00	P-110	Yes	41.05	Yes			6,782.6	11,537.42
293	283	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			6,741.7	11,578.32
294	284	Casing Joints	5 1/2	20.00	P-110	Yes	40.94	Yes			6,700.7	11,619.26
295	285	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			6,659.9	11,660.08
296	286	Casing Joints	5 1/2	20.00	P-110	Yes	40.58	Yes			6,619.3	11,700.66
297	287	Casing Joints	5 1/2	20.00	P-110	Yes	40.50	Yes			6,578.8	11,741.16
298	288	Casing Joints	5 1/2	20.00	P-110	Yes	40.79	Yes			6,538.1	11,781.95
299	289	Casing Joints	5 1/2	20.00	P-110	Yes	39.58	Yes			6,498.5	11,821.53
300	290	Casing Joints	5 1/2	20.00	P-110	Yes	40.30	Yes			6,458.2	11,861.83
301	291	Casing Joints	5 1/2	20.00	P-110	Yes	40.06	Yes			6,418.1	11,901.89
302	292	Casing Joints	5 1/2	20.00	P-110	Yes	40.23	Yes			6,377.9	11,942.12
303	293	Casing Joints	5 1/2	20.00	P-110	Yes	40.78	Yes			6,337.1	11,982.90
304	294	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			6,296.5	12,023.47
305	295	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			6,256.0	12,064.04
306	296	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			6,215.0	12,104.96
307	297	Casing Joints	5 1/2	20.00	P-110	Yes	40.68	Yes			6,174.4	12,145.64
308	298	Casing Joints	5 1/2	20.00	P-110	Yes	40.70	Yes			6,133.7	12,186.34
309	299	Casing Joints	5 1/2	20.00	P-110	Yes	40.35	Yes			6,093.3	12,226.69
310	300	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			6,052.5	12,267.49
311	301	Casing Joints	5 1/2	20.00	P-110	Yes	41.02	Yes			6,011.5	12,308.51
312	302	Casing Joints	5 1/2	20.00	P-110	Yes	40.78	Yes			5,970.7	12,349.29
313	303	Casing Joints	5 1/2	20.00	P-110	Yes	40.40	Yes			5,930.3	12,389.69
314	304	Casing Joints	5 1/2	20.00	P-110	Yes	40.87	Yes			5,889.4	12,430.56



Centralizer Depths

Well Name: Bost Farm 38N-8C-L

Production, Set Depth: 18,320.0ftKB

API 0512351456000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00	Original KB Elevation (ft) 4,902.00	KB-Ground Distance (ft) 28.00	Spud Date 3/24/2022 22:30	Rig Release Date 3/29/2022 19:30	On Production Date	Abandon Date					

Casing Run Tally

Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
315	305	Casing Joints	5 1/2	20.00	P-110	Yes	40.95	Yes			5,848.5	12,471.51
316	306	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			5,807.7	12,512.31
317	307	Casing Joints	5 1/2	20.00	P-110	Yes	40.33	Yes			5,767.4	12,552.64
318	308	Casing Joints	5 1/2	20.00	P-110	Yes	40.72	Yes			5,726.6	12,593.36
319	309	Casing Joints	5 1/2	20.00	P-110	Yes	40.53	Yes			5,686.1	12,633.89
320	310	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			5,645.1	12,674.86
321	311	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			5,604.2	12,715.83
322	312	Casing Joints	5 1/2	20.00	P-110	Yes	40.48	Yes			5,563.7	12,756.31
323	313	Casing Joints	5 1/2	20.00	P-110	Yes	40.85	Yes			5,522.8	12,797.16
324	314	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			5,481.8	12,838.16
325	315	Casing Joints	5 1/2	20.00	P-110	Yes	40.68	Yes			5,441.2	12,878.84
326	316	Casing Joints	5 1/2	20.00	P-110	Yes	40.72	Yes			5,400.4	12,919.56
327	317	Casing Joints	5 1/2	20.00	P-110	Yes	40.72	Yes			5,359.7	12,960.28
328	318	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			5,318.8	13,001.18
329	319	Casing Joints	5 1/2	20.00	P-110	Yes	40.58	Yes			5,278.2	13,041.76
330	320	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			5,237.3	13,082.73
331	321	Casing Joints	5 1/2	20.00	P-110	Yes	40.58	Yes			5,196.7	13,123.31
332	322	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			5,155.7	13,164.31
333	323	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			5,114.8	13,205.21
334	324	Casing Joints	5 1/2	20.00	P-110	Yes	40.54	Yes			5,074.3	13,245.75
335	325	Casing Joints	5 1/2	20.00	P-110	Yes	40.46	Yes			5,033.8	13,286.21
336	326	Casing Joints	5 1/2	20.00	P-110	Yes	40.93	Yes			4,992.9	13,327.14
337	327	Casing Joints	5 1/2	20.00	P-110	Yes	40.73	Yes			4,952.1	13,367.87
338	328	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			4,911.3	13,408.67
339	329	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			4,870.4	13,449.64
340	330	Casing Joints	5 1/2	20.00	P-110	Yes	40.63	Yes			4,829.7	13,490.27
341	331	Casing Joints	5 1/2	20.00	P-110	Yes	40.33	Yes			4,789.4	13,530.60
342	332	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			4,748.8	13,571.17
343	333	Casing Joints	5 1/2	20.00	P-110	Yes	40.70	Yes			4,708.1	13,611.87
344	334	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			4,667.3	13,652.69
345	335	Casing Joints	5 1/2	20.00	P-110	Yes	40.55	Yes			4,626.8	13,693.24



Centralizer Depths

Well Name: Bost Farm 38N-8C-L

Production, Set Depth: 18,320.0ftKB

API 0512351456000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00	Original KB Elevation (ft) 4,902.00	KB-Ground Distance (ft) 28.00	Spud Date 3/24/2022 22:30	Rig Release Date 3/29/2022 19:30	On Production Date	Abandon Date					

Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwly	Connections	Top (ftKB)	Cum Len (ft)
346	336	Casing Joints	5 1/2	20.00	P-110	Yes	40.11	Yes			4,586.7	13,733.35
347	337	Casing Joints	5 1/2	20.00	P-110	Yes	39.83	Yes			4,546.8	13,773.18
348	338	Casing Joints	5 1/2	20.00	P-110	Yes	41.02	Yes			4,505.8	13,814.20
349	339	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			4,464.8	13,855.17
350	340	Casing Joints	5 1/2	20.00	P-110	Yes	40.74	Yes			4,424.1	13,895.91
351	341	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			4,383.2	13,936.81
352	342	Casing Joints	5 1/2	20.00	P-110	Yes	40.73	Yes			4,342.5	13,977.54
353	343	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			4,301.5	14,018.51
354	344	Casing Joints	5 1/2	20.00	P-110	Yes	39.98	Yes			4,261.5	14,058.49
355	345	Casing Joints	5 1/2	20.00	P-110	Yes	41.04	Yes			4,220.5	14,099.53
356	346	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			4,179.9	14,140.10
357	347	Casing Joints	5 1/2	20.00	P-110	Yes	40.56	Yes			4,139.3	14,180.66
358	348	Casing Joints	5 1/2	20.00	P-110	Yes	40.96	Yes			4,098.4	14,221.62
359	349	Casing Joints	5 1/2	20.00	P-110	Yes	39.88	Yes			4,058.5	14,261.50
360	350	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			4,017.6	14,302.40
361	351	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			3,976.6	14,343.40
362	352	Casing Joints	5 1/2	20.00	P-110	Yes	40.50	Yes			3,936.1	14,383.90
363	353	Casing Joints	5 1/2	20.00	P-110	Yes	41.08	Yes			3,895.0	14,424.98
364	354	Casing Joints	5 1/2	20.00	P-110	Yes	40.45	Yes			3,854.6	14,465.43
365	355	Casing Joints	5 1/2	20.00	P-110	Yes	40.96	Yes			3,813.6	14,506.39
366	356	Casing Joints	5 1/2	20.00	P-110	Yes	40.85	Yes			3,772.8	14,547.24
367	357	Casing Joints	5 1/2	20.00	P-110	Yes	40.34	Yes			3,732.4	14,587.58
368	358	Casing Joints	5 1/2	20.00	P-110	Yes	40.47	Yes			3,692.0	14,628.05
369	359	Casing Joints	5 1/2	20.00	P-110	Yes	40.51	Yes			3,651.4	14,668.56
370	360	Casing Joints	5 1/2	20.00	P-110	Yes	40.84	Yes			3,610.6	14,709.40
371	361	Casing Joints	5 1/2	20.00	P-110	Yes	40.47	Yes			3,570.1	14,749.87
372	362	Casing Joints	5 1/2	20.00	P-110	Yes	40.96	Yes			3,529.2	14,790.83
373	363	Casing Joints	5 1/2	20.00	P-110	Yes	40.47	Yes			3,488.7	14,831.30
374	364	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			3,447.9	14,872.12
375	365	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			3,407.1	14,912.92
376	366	Casing Joints	5 1/2	20.00	P-110	Yes	40.84	Yes			3,366.2	14,953.76



Centralizer Depths

Well Name: Bost Farm 38N-8C-L

Production, Set Depth: 18,320.0ftKB

API 05123514560000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00		Original KB Elevation (ft) 4,902.00		KB-Ground Distance (ft) 28.00		Spud Date 3/24/2022 22:30		Rig Release Date 3/29/2022 19:30		On Production Date Abandon Date	

Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwly	Connections	Top (ftKB)	Cum Len (ft)
377	367	Casing Joints	5 1/2	20.00	P-110	Yes	40.83	Yes			3,325.4	14,994.59
378	368	Casing Joints	5 1/2	20.00	P-110	Yes	40.73	Yes			3,284.7	15,035.32
379	369	Casing Joints	5 1/2	20.00	P-110	Yes	40.83	Yes			3,243.9	15,076.15
380	370	Casing Joints	5 1/2	20.00	P-110	Yes	40.40	Yes			3,203.5	15,116.55
381	371	Casing Joints	5 1/2	20.00	P-110	Yes	41.07	Yes			3,162.4	15,157.62
382	372	Casing Joints	5 1/2	20.00	P-110	Yes	41.06	Yes			3,121.3	15,198.68
383	373	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			3,080.4	15,239.58
384		Cross Over	5 1/2	20.00	P-110	Yes	5.03	Yes			3,075.4	15,244.61
385		External Casing Packer	5 1/2	20.00	P-110	Yes	14.84	Yes			3,060.6	15,259.45
386		Cross Over	5 1/2	20.00	P-110	Yes	5.11	Yes			3,055.4	15,264.56
387	374	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			3,014.5	15,305.53
388	375	Casing Joints	5 1/2	20.00	P-110	Yes	40.07	Yes			2,974.4	15,345.60
389	376	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			2,933.6	15,386.40
390	377	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			2,892.7	15,427.30
391	378	Casing Joints	5 1/2	20.00	P-110	Yes	40.81	Yes			2,851.9	15,468.11
392	379	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			2,811.0	15,509.01
393	380	Casing Joints	5 1/2	20.00	P-110	Yes	41.07	Yes			2,769.9	15,550.08
394	381	Casing Joints	5 1/2	20.00	P-110	Yes	40.57	Yes			2,729.4	15,590.65
395	382	Casing Joints	5 1/2	20.00	P-110	Yes	40.93	Yes			2,688.4	15,631.58
396	383	Casing Joints	5 1/2	20.00	P-110	Yes	41.10	Yes			2,647.3	15,672.68
397	384	Casing Joints	5 1/2	20.00	P-110	Yes	40.83	Yes			2,606.5	15,713.51
398	385	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			2,565.6	15,754.41
399	386	Casing Joints	5 1/2	20.00	P-110	Yes	40.65	Yes			2,524.9	15,795.06
400	387	Casing Joints	5 1/2	20.00	P-110	Yes	40.97	Yes			2,484.0	15,836.03
401	388	Casing Joints	5 1/2	20.00	P-110	Yes	40.74	Yes			2,443.2	15,876.77
402	389	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			2,402.4	15,917.59
403	390	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			2,361.6	15,958.39
404	391	Casing Joints	5 1/2	20.00	P-110	Yes	40.92	Yes			2,320.7	15,999.31
405	392	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			2,279.9	16,040.11
406	393	Casing Joints	5 1/2	20.00	P-110	Yes	40.74	Yes			2,239.2	16,080.85
407	394	Casing Joints	5 1/2	20.00	P-110	Yes	40.37	Yes			2,198.8	16,121.22
408	395	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			2,157.8	16,162.22



Centralizer Depths

Well Name: Bost Farm 38N-8C-L

Production, Set Depth: 18,320.0ftKB

API 0512351456000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal			
Ground Elevation (ft) 4,874.00	Original KB Elevation (ft) 4,902.00	KB-Ground Distance (ft) 28.00	Spud Date 3/24/2022 22:30	Rig Release Date 3/29/2022 19:30	On Production Date	Abandon Date					

Casing Run Tally												
Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jwry	Connections	Top (ftKB)	Cum Len (ft)
409	396	Casing Joints	5 1/2	20.00	P-110	Yes	40.62	Yes			2,117.2	16,202.84
410	397	Casing Joints	5 1/2	20.00	P-110	Yes	40.54	Yes			2,076.6	16,243.38
411	398	Casing Joints	5 1/2	20.00	P-110	Yes	40.76	Yes			2,035.9	16,284.14
412	399	Casing Joints	5 1/2	20.00	P-110	Yes	40.85	Yes			1,995.0	16,324.99
413	400	Casing Joints	5 1/2	20.00	P-110	Yes	40.84	Yes			1,954.2	16,365.83
414	401	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			1,913.3	16,406.73
415	402	Casing Joints	5 1/2	20.00	P-110	Yes	40.88	Yes			1,872.4	16,447.61
416	403	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			1,831.6	16,488.41
417	404	Casing Joints	5 1/2	20.00	P-110	Yes	41.00	Yes			1,790.6	16,529.41
418	405	Casing Joints	5 1/2	20.00	P-110	Yes	40.81	Yes			1,749.8	16,570.22
419	406	Casing Joints	5 1/2	20.00	P-110	Yes	40.88	Yes			1,708.9	16,611.10
420	407	Casing Joints	5 1/2	20.00	P-110	Yes	39.80	Yes			1,669.1	16,650.90
421	408	Casing Joints	5 1/2	20.00	P-110	Yes	41.02	Yes			1,628.1	16,691.92
422	409	Casing Joints	5 1/2	20.00	P-110	Yes	41.09	Yes			1,587.0	16,733.01
423	410	Casing Joints	5 1/2	20.00	P-110	Yes	40.94	Yes			1,546.1	16,773.95
424	411	Casing Joints	5 1/2	20.00	P-110	Yes	40.44	Yes			1,505.6	16,814.39
425	412	Casing Joints	5 1/2	20.00	P-110	Yes	41.04	Yes			1,464.6	16,855.43
426	413	Casing Joints	5 1/2	20.00	P-110	Yes	40.73	Yes			1,423.8	16,896.16
427	414	Casing Joints	5 1/2	20.00	P-110	Yes	40.88	Yes			1,383.0	16,937.04
428	415	Casing Joints	5 1/2	20.00	P-110	Yes	40.60	Yes			1,342.4	16,977.64
429	416	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			1,301.5	17,018.54
430	417	Casing Joints	5 1/2	20.00	P-110	Yes	41.05	Yes			1,260.4	17,059.59
431	418	Casing Joints	5 1/2	20.00	P-110	Yes	40.50	Yes			1,219.9	17,100.09
432	419	Casing Joints	5 1/2	20.00	P-110	Yes	40.47	Yes			1,179.4	17,140.56
433	420	Casing Joints	5 1/2	20.00	P-110	Yes	40.64	Yes			1,138.8	17,181.20
434	421	Casing Joints	5 1/2	20.00	P-110	Yes	40.90	Yes			1,097.9	17,222.10
435	422	Casing Joints	5 1/2	20.00	P-110	Yes	40.99	Yes			1,056.9	17,263.09
436	423	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			1,016.1	17,303.91
437	424	Casing Joints	5 1/2	20.00	P-110	Yes	40.87	Yes			975.2	17,344.78
438	425	Casing Joints	5 1/2	20.00	P-110	Yes	40.72	Yes			934.5	17,385.50
439	426	Casing Joints	5 1/2	20.00	P-110	Yes	40.40	Yes			894.1	17,425.90



Centralizer Depths

Well Name: **Bost Farm 38N-8C-L**

Production, Set Depth: **18,320.0ftKB**

API 05123514560000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal	
Ground Elevation (ft) 4,874.00	Original KB Elevation (ft) 4,902.00	KB-Ground Distance (ft) 28.00	Spud Date 3/24/2022 22:30	Rig Release Date 3/29/2022 19:30	On Production Date	Abandon Date			

Casing Run Tally

Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jw/ry	Connections	Top (ftKB)	Cum Len (ft)
440	427	Casing Joints	5 1/2	20.00	P-110	Yes	40.47	Yes			853.6	17,466.37
441	428	Casing Joints	5 1/2	20.00	P-110	Yes	40.91	Yes			812.7	17,507.28
442	429	Casing Joints	5 1/2	20.00	P-110	Yes	40.91	Yes			771.8	17,548.19
443	430	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			731.0	17,589.01
444	431	Casing Joints	5 1/2	20.00	P-110	Yes	40.87	Yes			690.1	17,629.88
445	432	Casing Joints	5 1/2	20.00	P-110	Yes	40.82	Yes			649.3	17,670.70
446	433	Casing Joints	5 1/2	20.00	P-110	Yes	40.56	Yes			608.7	17,711.26
447	434	Casing Joints	5 1/2	20.00	P-110	Yes	40.94	Yes			567.8	17,752.20
448	435	Casing Joints	5 1/2	20.00	P-110	Yes	40.85	Yes			527.0	17,793.05
449	436	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			486.2	17,833.85