

Cement Post Job Report

Client: PDC Energy

Well Name: Bost Farm 40C-8-L2

API #: 05-123-51453-00

Job Date: May 21, 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	Well	Rig	Date	Job Type				
PDC Energy	Bost Farm 40C-8-L2	Patterson 272	5/21/2022	Production				
Connection Type	Thread Type	Number of Stages	BHST Deg	BHCT Deg				
5 1/2" HP Cement Head	Buttress	1	255	195				
Well MD (ft)	Well TVD (ft)	Deg Dev.	Max-Cas/DP PSI	Max Ann. PSI				
17853	7371	90	8000	2000				
Packer/Retainer/CIBP/DV Tool Depths		Top of Perfs	Bottom of Perfs	Number of Holes				
packer@ 2914								
String	Casing/Tubing Type	OD	Wt/ft	ID	OH Size	% XS Lead	% XS Tail	Depth (ft)
Surface	Casing	9.625	36					1656
Production	Casing	5.5	20	4.778	8.5	0	0	17840

PRE-JOB MUD AND WELL CONDITIONS

Mud Type	OBM	Pipe Rotation		Circulation Data				Water Requirements (bbls)	
Mud wt. ppg	10.3	Rotate Y,N	No	Circulate Time (hrs)	3			Spacers	140
Flow Temp		Rate		Circulation Rate (bpm)	10.5			Stage 1 Lead	118
Vis. Sec/qt		Torque Val.		Full Circ?				Stage 1 Tail	243
PV (cP)		Time		Gas Present (Y,N)	Units		Stage 2 Lead	0	
Yield Pt		Pipe Reciprocation		Centralizers/Plugs				Stage 2 Tail	0
10 sec gel		Recip Y,N	No	Quantity & Type				Displacement	395
10 min gel		Stroke (ft)		Top Plug/Type	operator provided			Wash up	20
30 min gel		Recip time		Bottom Plug/Type/Burst p	operator provided			Total + 10% Safety	1008

PRE-JOB CALCULATED MATERIALS, VOLUMES, & RATES

Prelflush & 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	1540	Sacks		Sacks		Dens. ppg	8.33
Volume	140	Vol/bbls	256.8	Vol/bbls	375.8	Vol/bbls	0.0	Vol/bbls	0.0	Vol. bbl	395
Rate	10	Rate	11	Rate	11	Rate		Rate		Rate bpm	10
Spacer 2		Yield	1.13	Yield	1.37	Yield		Yield		Clay Stay?	
Density		Gal/Sk	3.90	Gal/Sk	6.63	Gal/Sk		Gal/Sk		Biocide ?	Yes
Volume		% Excess	0	% Excess	0	% Excess		% Excess		Slow @ bbl	370
Rate		TOL (ft)	2361	TOT (ft)	8660	TOL (ft)		TOT (ft)		Bump PSI	1806

POST JOB DETAILS, FINAL VOLUMES & PRESSURES

Final Displacement (bbls)	395
Bump Plug?	Yes
Final Bump Pressure (psi)	3200
Full Returns throughout job?	Full
Vol away/Time when returns lost	
Vol away/Time When returns regained	

Spacer to Surface?	yes
Spacer volume returned	32
Cement to surface?	no
Cement volume to surface stage 1 (bbls)	Stg 2
Surface top out?	
Top out volume pumped (bbls)	

Top out cement type	
Density	
Sack Quantity	
Mix water requirement (gal/sk)	
Yield	

Summary of Additives Used on Job

Surfactants (gal)	238
Clay Stabilizer (gal)	
Biocide (gal)	15
Corrosion Inhibitor (gal)	
Defoamer (gal)	25
PhenoSeal (LCM lbs)	
Fiber (LCM lbs)	300

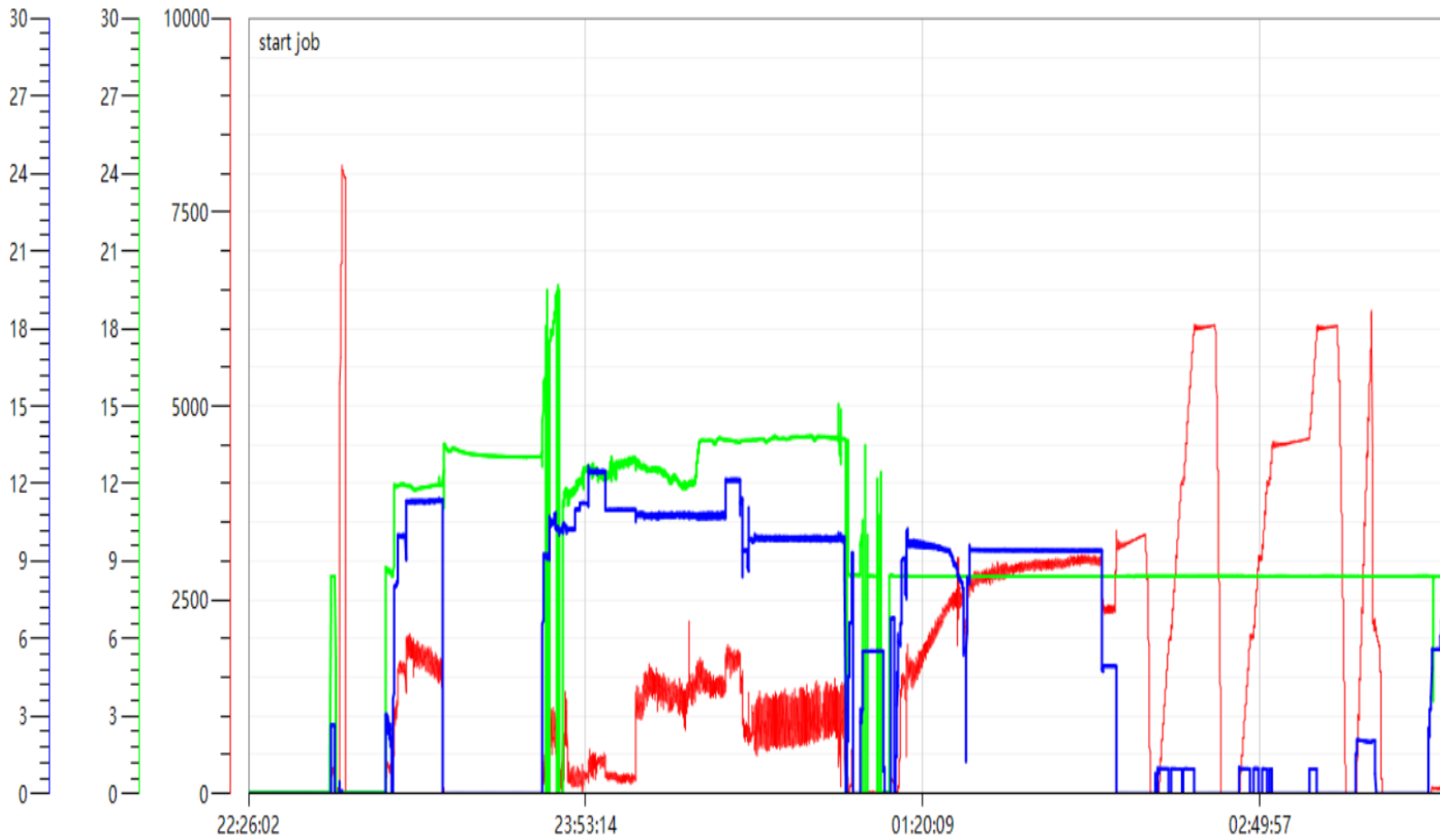
Job Treatment Log

Client		Well				Exero Supervisor	
PDC Energy		Bost Farm 40C-8-L2				Ryan Pfeifer 307-258-1708	
Ambient Conditions (Temperature / Humidity / Air Pressure)						41 Deg F / 70% / 25.21 in	
Date DD/MM	Time HH:MM	Density (ppg)	Rate (bpm)	Vol. (bbl)	Total Vol. (bbl)	Pressure (psi)	Treatment Comments
5/21/22	6:00 PM						Arrive on location , requested time on location 19:00
	7:00 PM						Spot equipment and rig up
	8:30 PM						Wait for rig to circulate well to condition
	10:15 PM						Safety meeting with the rig crew
	10:30 PM						Rig up the floor
	10:47 PM	8.33	3.00	3.0		300	Fill lines
	10:50 PM						pressure test
	10:53 PM						drop bottom plug #1
	11:00 PM	12.00	10.00	140.0		1400	Pump spacer @ 12.0# , with surfactants and fiber
	11:25 PM						Drop bottom plug 2
	11:38 PM	12.90	10.00	256.0		1000	Mix and pump 1276 sks Lead @ 12.9# , 1.13 cuft/sk and 3.90 gals/sk , Top of Lead @ 2352'
5/22/22	12:22 AM	13.70	10.00	376.0		1500	Mix and pump 1540 sks Tail @ 13.7# , 1.37 cuft/sk and 6.63 gals/sk , Top of Tail @ 8627'
	12:59 AM	8.33	8.00	8.0		175	Pump sugar water
	1:01 AM						Shut down and wash pumps and lines
	1:04 AM						Drop top plug
	1:10 AM	8.33	10.00	50.0		1000	Start water displacement , sugar in the 1st 10 and biocide in all
	1:19 AM	8.33	10.00	50.0	50.0	1700	Water displacement
	1:25 AM	8.33	10.00	50.0	100.0	2400	Water displacement
	1:32 AM	8.33	9.00	50.0	150.0	2800	Water displacement
	1:41 AM	8.33	9.00	50.0	200.0	2800	Water displacement
	1:48 AM	8.33	9.00	50.0	250.0	3000	Water displacement
	1:56 AM	8.33	9.00	50.0	300.0	3000	Water displacement
	2:04 AM	8.33	9.00	20.0	350.0	3000	Water displacement
	2:07 AM	8.33	5.00	25.0	370.0	2500	water displacement slowed to bump plug
	2:11 AM				395.0	2500-3200	bumped plug
	2:16 AM						checked floats. Got 4.5 bbls back
	2:18 AM						turned over to tool hand to set packer
	3:15 AM						pressured up to open wet shoe sub. Opened at 6300 psi
	3:19 AM	8.33	2.00	2.0		2500	pumped 2 bbl wet shoe
	3:21 AM						released pressure got 4 bbls back
	3:25 AM						rigged up to flush stack and commenced rig down
	4:15 AM						crew departed from location
							32 bbls spacer to surface estimated tops- lead:2352' tail:8672

Bost Farm 40C-8-L2 Pump Chart – Pressure / Rate / Density

Chart Report

— pressure1 psi — density backup lbs/gal — Combined Rate





Centralizer Depths

Well Name: Bost Farm 40C-8-L2

Production, Set Depth: 17,840.0ftKB

API 05123514530000		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 5/17/2022 00:30		Rig Release Date 5/22/2022 06:00		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	45.88	Yes			17,755.9	84.15
9	3	Casing Joints	5 1/2	20.00	P-110	Yes	45.86	Yes			17,664.0	175.98
11	5	Casing Joints	5 1/2	20.00	P-110	Yes	45.65	Yes			17,572.5	267.53
13	7	Casing Joints	5 1/2	20.00	P-110	Yes	45.90	Yes			17,480.7	359.28
15	9	Casing Joints	5 1/2	20.00	P-110	Yes	45.94	Yes			17,389.0	451.04
17		Marker Joint	5 1/2	20.00	P-110	Yes	23.91	Yes			17,320.1	519.87
19	12	Casing Joints	5 1/2	20.00	P-110	Yes	45.90	Yes			17,228.0	611.97
21	14	Casing Joints	5 1/2	20.00	P-110	Yes	45.99	Yes			17,136.1	703.94
23	16	Casing Joints	5 1/2	20.00	P-110	Yes	43.78	Yes			17,046.3	793.67
25	18	Casing Joints	5 1/2	20.00	P-110	Yes	45.88	Yes			16,954.4	885.61
27	20	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			16,862.3	977.67
29	22	Casing Joints	5 1/2	20.00	P-110	Yes	44.65	Yes			16,771.7	1,068.27
31	24	Casing Joints	5 1/2	20.00	P-110	Yes	45.56	Yes			16,682.7	1,157.26
33	26	Casing Joints	5 1/2	20.00	P-110	Yes	45.90	Yes			16,590.9	1,249.06
35	28	Casing Joints	5 1/2	20.00	P-110	Yes	46.00	Yes			16,499.0	1,340.96
37	30	Casing Joints	5 1/2	20.00	P-110	Yes	45.80	Yes			16,407.3	1,432.73
39	32	Casing Joints	5 1/2	20.00	P-110	Yes	46.05	Yes			16,315.3	1,524.68
41	34	Casing Joints	5 1/2	20.00	P-110	Yes	45.96	Yes			16,223.4	1,616.64
43	36	Casing Joints	5 1/2	20.00	P-110	Yes	46.00	Yes			16,131.1	1,708.94
45	38	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			16,038.9	1,801.06
47	40	Casing Joints	5 1/2	20.00	P-110	Yes	45.92	Yes			15,947.4	1,892.59
49	42	Casing Joints	5 1/2	20.00	P-110	Yes	46.09	Yes			15,855.3	1,984.66
51	44	Casing Joints	5 1/2	20.00	P-110	Yes	45.82	Yes			15,763.7	2,076.34
53	46	Casing Joints	5 1/2	20.00	P-110	Yes	44.18	Yes			15,673.5	2,166.52
55	48	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			15,581.2	2,258.85
57	50	Casing Joints	5 1/2	20.00	P-110	Yes	46.15	Yes			15,489.6	2,350.44
59	52	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			15,397.5	2,442.47
61	54	Casing Joints	5 1/2	20.00	P-110	Yes	46.15	Yes			15,305.4	2,534.57
63	56	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			15,213.2	2,626.83
65	58	Casing Joints	5 1/2	20.00	P-110	Yes	46.15	Yes			15,121.1	2,718.86
67	60	Casing Joints	5 1/2	20.00	P-110	Yes	42.94	Yes			15,035.4	2,804.56



Centralizer Depths

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Production, Set Depth: 17,840.0ftKB

API 0512351453000		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 5/17/2022 00:30		Rig Release Date 5/22/2022 06:00		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	45.95	Yes			14,943.6	2,896.36
71	64	Casing Joints	5 1/2	20.00	P-110	Yes	45.88	Yes			14,851.9	2,988.09
73	66	Casing Joints	5 1/2	20.00	P-110	Yes	45.88	Yes			14,760.1	3,079.92
75	68	Casing Joints	5 1/2	20.00	P-110	Yes	45.94	Yes			14,668.2	3,171.83
77	70	Casing Joints	5 1/2	20.00	P-110	Yes	45.86	Yes			14,576.3	3,263.67
79	72	Casing Joints	5 1/2	20.00	P-110	Yes	45.97	Yes			14,487.0	3,352.97
81	74	Casing Joints	5 1/2	20.00	P-110	Yes	45.86	Yes			14,395.3	3,444.71
83	76	Casing Joints	5 1/2	20.00	P-110	Yes	45.89	Yes			14,304.3	3,535.67
85	78	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			14,212.6	3,627.39
87	80	Casing Joints	5 1/2	20.00	P-110	Yes	45.15	Yes			14,121.4	3,718.62
89	82	Casing Joints	5 1/2	20.00	P-110	Yes	45.85	Yes			14,029.7	3,810.35
91	84	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			13,937.8	3,902.20
93	86	Casing Joints	5 1/2	20.00	P-110	Yes	45.85	Yes			13,846.1	3,993.91
95	88	Casing Joints	5 1/2	20.00	P-110	Yes	45.72	Yes			13,754.4	4,085.59
97	90	Casing Joints	5 1/2	20.00	P-110	Yes	46.01	Yes			13,662.5	4,177.48
99	92	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			13,570.3	4,269.68
101	94	Casing Joints	5 1/2	20.00	P-110	Yes	46.05	Yes			13,480.9	4,359.06
103	96	Casing Joints	5 1/2	20.00	P-110	Yes	43.25	Yes			13,391.8	4,448.25
105	98	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			13,299.6	4,540.43
107	100	Casing Joints	5 1/2	20.00	P-110	Yes	46.42	Yes			13,207.9	4,632.09
109	102	Casing Joints	5 1/2	20.00	P-110	Yes	46.08	Yes			13,115.7	4,724.32
111	104	Casing Joints	5 1/2	20.00	P-110	Yes	45.80	Yes			13,023.3	4,816.67
113	106	Casing Joints	5 1/2	20.00	P-110	Yes	41.27	Yes			12,935.9	4,904.08
115		Marker Joint	5 1/2	20.00	P-110	Yes	23.70	Yes			12,866.1	4,973.86
116	108	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			12,820.0	5,019.96
118	110	Casing Joints	5 1/2	20.00	P-110	Yes	45.91	Yes			12,728.2	5,111.82
120	112	Casing Joints	5 1/2	20.00	P-110	Yes	45.32	Yes			12,636.8	5,203.24
122	114	Casing Joints	5 1/2	20.00	P-110	Yes	46.12	Yes			12,544.6	5,295.43
124	116	Casing Joints	5 1/2	20.00	P-110	Yes	46.23	Yes			12,452.2	5,387.79
126	118	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			12,360.0	5,479.97
128	120	Casing Joints	5 1/2	20.00	P-110	Yes	46.15	Yes			12,269.9	5,570.07



Centralizer Depths

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Ground Elevation (ft) 4,874.00		Original KB Elevation (ft) 4,902.00		KB-Ground Distance (ft) 28.00		Spud Date 5/17/2022 00:30		Rig Release Date 5/22/2022 06:00		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)
130	122	Casing Joints	5 1/2	20.00	P-110	Yes	46.25	Yes			12,179.6	5,660.41
132	124	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			12,087.4	5,752.59
134	126	Casing Joints	5 1/2	20.00	P-110	Yes	46.14	Yes			11,995.5	5,844.50
137	129	Casing Joints	5 1/2	20.00	P-110	Yes	46.08	Yes			11,857.1	5,982.94
139	131	Casing Joints	5 1/2	20.00	P-110	Yes	46.13	Yes			11,764.4	6,075.58
141	133	Casing Joints	5 1/2	20.00	P-110	Yes	44.76	Yes			11,673.6	6,166.41
143	135	Casing Joints	5 1/2	20.00	P-110	Yes	46.14	Yes			11,581.3	6,258.69
145	137	Casing Joints	5 1/2	20.00	P-110	Yes	46.15	Yes			11,489.0	6,350.99
147	139	Casing Joints	5 1/2	20.00	P-110	Yes	45.68	Yes			11,397.0	6,442.97
149	141	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			11,304.9	6,535.15
151	143	Casing Joints	5 1/2	20.00	P-110	Yes	40.68	Yes			11,220.4	6,619.62
153	145	Casing Joints	5 1/2	20.00	P-110	Yes	44.54	Yes			11,129.4	6,710.61
155	147	Casing Joints	5 1/2	20.00	P-110	Yes	46.37	Yes			11,039.5	6,800.47
157	149	Casing Joints	5 1/2	20.00	P-110	Yes	45.89	Yes			10,947.7	6,892.34
159	151	Casing Joints	5 1/2	20.00	P-110	Yes	46.40	Yes			10,855.5	6,984.47
161	153	Casing Joints	5 1/2	20.00	P-110	Yes	46.08	Yes			10,763.5	7,076.51
163	155	Casing Joints	5 1/2	20.00	P-110	Yes	43.31	Yes			10,679.4	7,160.62
165	157	Casing Joints	5 1/2	20.00	P-110	Yes	46.14	Yes			10,589.9	7,250.10
167	159	Casing Joints	5 1/2	20.00	P-110	Yes	40.80	Yes			10,505.1	7,334.90
169	161	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			10,412.5	7,427.51
171	163	Casing Joints	5 1/2	20.00	P-110	Yes	46.04	Yes			10,323.3	7,516.70
173	165	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			10,231.3	7,608.74
175	167	Casing Joints	5 1/2	20.00	P-110	Yes	46.15	Yes			10,138.6	7,701.37
177	169	Casing Joints	5 1/2	20.00	P-110	Yes	44.74	Yes			10,047.7	7,792.26
179	171	Casing Joints	5 1/2	20.00	P-110	Yes	46.40	Yes			9,956.0	7,883.96
181	173	Casing Joints	5 1/2	20.00	P-110	Yes	46.25	Yes			9,863.5	7,976.51
183	175	Casing Joints	5 1/2	20.00	P-110	Yes	46.37	Yes			9,770.6	8,069.39
185	177	Casing Joints	5 1/2	20.00	P-110	Yes	44.03	Yes			9,680.5	8,159.47
187	179	Casing Joints	5 1/2	20.00	P-110	Yes	46.14	Yes			9,588.3	8,251.69
189	181	Casing Joints	5 1/2	20.00	P-110	Yes	46.15	Yes			9,495.9	8,344.09
191	183	Casing Joints	5 1/2	20.00	P-110	Yes	46.08	Yes			9,404.3	8,435.68



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	45.86	Yes			9,312.0	8,527.96
195	187	Casing Joints	5 1/2	20.00	P-110	Yes	44.20	Yes			9,226.0	8,614.00
197	189	Casing Joints	5 1/2	20.00	P-110	Yes	44.15	Yes			9,135.8	8,704.25
199	191	Casing Joints	5 1/2	20.00	P-110	Yes	45.96	Yes			9,043.5	8,796.48
201	193	Casing Joints	5 1/2	20.00	P-110	Yes	45.96	Yes			8,952.5	8,887.48
203	195	Casing Joints	5 1/2	20.00	P-110	Yes	46.10	Yes			8,860.4	8,979.60
205	197	Casing Joints	5 1/2	20.00	P-110	Yes	45.85	Yes			8,768.6	9,071.41
207	199	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			8,676.8	9,163.21
209	201	Casing Joints	5 1/2	20.00	P-110	Yes	45.85	Yes			8,585.1	9,254.93
211	203	Casing Joints	5 1/2	20.00	P-110	Yes	45.55	Yes			8,493.7	9,346.33
213	205	Casing Joints	5 1/2	20.00	P-110	Yes	45.92	Yes			8,401.9	9,438.10
215	207	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			8,310.2	9,529.84
217	209	Casing Joints	5 1/2	20.00	P-110	Yes	45.86	Yes			8,218.3	9,621.68
219	211	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			8,126.6	9,713.43
221	213	Casing Joints	5 1/2	20.00	P-110	Yes	45.92	Yes			8,034.2	9,805.85
223	215	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			7,943.2	9,896.83
224		Marker Joint	5 1/2	20.00	P-110	Yes	10.78	Yes			7,932.4	9,907.61
225	216	Casing Joints	5 1/2	20.00	P-110	Yes	45.54	Yes			7,886.9	9,953.15
226	217	Casing Joints	5 1/2	20.00	P-110	Yes	45.85	Yes			7,841.0	9,999.00
227	218	Casing Joints	5 1/2	20.00	P-110	Yes	45.93	Yes			7,795.1	10,044.93
228	219	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			7,749.1	10,090.88
229	220	Casing Joints	5 1/2	20.00	P-110	Yes	45.48	Yes			7,703.6	10,136.36
230	221	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			7,657.8	10,182.23
231	222	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			7,611.9	10,228.10
232	223	Casing Joints	5 1/2	20.00	P-110	Yes	46.18	Yes			7,565.7	10,274.28
233	224	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			7,519.8	10,320.23
234	225	Casing Joints	5 1/2	20.00	P-110	Yes	45.99	Yes			7,473.8	10,366.22
235	226	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			7,427.8	10,412.17
236	227	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			7,381.9	10,458.15
237	228	Casing Joints	5 1/2	20.00	P-110	Yes	43.61	Yes			7,338.2	10,501.76
238	229	Casing Joints	5 1/2	20.00	P-110	Yes	45.97	Yes			7,292.3	10,547.73



Centralizer Depths

Well Name: Bost Farm 40C-8-L2

Production, Set Depth: 17,840.0ftKB

API 05123514530000		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 5/17/2022 00:30		Rig Release Date 5/22/2022 06:00		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)
239	230	Casing Joints	5 1/2	20.00	P-110	Yes	45.88	Yes			7,246.4	10,593.61
240	231	Casing Joints	5 1/2	20.00	P-110	Yes	45.88	Yes			7,200.5	10,639.49
241	232	Casing Joints	5 1/2	20.00	P-110	Yes	46.25	Yes			7,154.3	10,685.74
242	233	Casing Joints	5 1/2	20.00	P-110	Yes	45.85	Yes			7,108.4	10,731.59
243	234	Casing Joints	5 1/2	20.00	P-110	Yes	46.35	Yes			7,062.1	10,777.94
244	235	Casing Joints	5 1/2	20.00	P-110	Yes	45.31	Yes			7,016.8	10,823.25
245	236	Casing Joints	5 1/2	20.00	P-110	Yes	45.96	Yes			6,970.8	10,869.21
246	237	Casing Joints	5 1/2	20.00	P-110	Yes	46.00	Yes			6,924.8	10,915.21
247	238	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			6,878.8	10,961.16
248	239	Casing Joints	5 1/2	20.00	P-110	Yes	44.00	Yes			6,834.8	11,005.16
249	240	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			6,788.9	11,051.14
250	241	Casing Joints	5 1/2	20.00	P-110	Yes	44.96	Yes			6,743.9	11,096.10
251	242	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			6,697.1	11,142.88
252	243	Casing Joints	5 1/2	20.00	P-110	Yes	46.62	Yes			6,650.5	11,189.50
253	244	Casing Joints	5 1/2	20.00	P-110	Yes	46.64	Yes			6,603.9	11,236.14
254		Marker Joint	5 1/2	20.00	P-110	Yes	11.75	Yes			6,592.1	11,247.89
255	245	Casing Joints	5 1/2	20.00	P-110	Yes	45.94	Yes			6,546.2	11,293.83
256	246	Casing Joints	5 1/2	20.00	P-110	Yes	46.64	Yes			6,499.5	11,340.47
257	247	Casing Joints	5 1/2	20.00	P-110	Yes	44.89	Yes			6,454.6	11,385.36
258	248	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			6,407.9	11,432.14
259	249	Casing Joints	5 1/2	20.00	P-110	Yes	44.52	Yes			6,363.3	11,476.66
260	250	Casing Joints	5 1/2	20.00	P-110	Yes	46.62	Yes			6,316.7	11,523.28
261	251	Casing Joints	5 1/2	20.00	P-110	Yes	46.68	Yes			6,270.0	11,569.96
262	252	Casing Joints	5 1/2	20.00	P-110	Yes	46.67	Yes			6,223.4	11,616.63
263	253	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			6,176.6	11,663.41
264	254	Casing Joints	5 1/2	20.00	P-110	Yes	46.65	Yes			6,129.9	11,710.06
265	255	Casing Joints	5 1/2	20.00	P-110	Yes	46.64	Yes			6,083.3	11,756.70
266	256	Casing Joints	5 1/2	20.00	P-110	Yes	45.20	Yes			6,038.1	11,801.90
267	257	Casing Joints	5 1/2	20.00	P-110	Yes	43.55	Yes			5,994.6	11,845.45
268	258	Casing Joints	5 1/2	20.00	P-110	Yes	45.75	Yes			5,948.8	11,891.20
269	259	Casing Joints	5 1/2	20.00	P-110	Yes	46.75	Yes			5,902.1	11,937.95



Centralizer Depths

Well Name: Bost Farm 40C-8-L2

Production, Set Depth: 17,840.0ftKB

API 05123514530000		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 5/17/2022 00:30	Rig Release Date 5/22/2022 06:00	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)
270	260	Casing Joints	5 1/2	20.00	P-110	Yes	46.98	Yes			5,855.1	11,984.93
271	261	Casing Joints	5 1/2	20.00	P-110	Yes	46.65	Yes			5,808.4	12,031.58
272	262	Casing Joints	5 1/2	20.00	P-110	Yes	46.66	Yes			5,761.8	12,078.24
273	263	Casing Joints	5 1/2	20.00	P-110	Yes	45.45	Yes			5,716.3	12,123.69
274	264	Casing Joints	5 1/2	20.00	P-110	Yes	45.50	Yes			5,670.8	12,169.19
275	265	Casing Joints	5 1/2	20.00	P-110	Yes	45.52	Yes			5,625.3	12,214.71
276	266	Casing Joints	5 1/2	20.00	P-110	Yes	45.46	Yes			5,579.8	12,260.17
277	267	Casing Joints	5 1/2	20.00	P-110	Yes	45.08	Yes			5,534.8	12,305.25
278	268	Casing Joints	5 1/2	20.00	P-110	Yes	45.68	Yes			5,489.1	12,350.93
279	269	Casing Joints	5 1/2	20.00	P-110	Yes	42.66	Yes			5,446.4	12,393.59
280	270	Casing Joints	5 1/2	20.00	P-110	Yes	46.74	Yes			5,399.7	12,440.33
281	271	Casing Joints	5 1/2	20.00	P-110	Yes	45.40	Yes			5,354.3	12,485.73
282	272	Casing Joints	5 1/2	20.00	P-110	Yes	46.25	Yes			5,308.0	12,531.98
283	273	Casing Joints	5 1/2	20.00	P-110	Yes	45.21	Yes			5,262.8	12,577.19
284	274	Casing Joints	5 1/2	20.00	P-110	Yes	45.52	Yes			5,217.3	12,622.71
285	275	Casing Joints	5 1/2	20.00	P-110	Yes	45.10	Yes			5,172.2	12,667.81
286	276	Casing Joints	5 1/2	20.00	P-110	Yes	45.66	Yes			5,126.5	12,713.47
287	277	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			5,079.8	12,760.25
288	278	Casing Joints	5 1/2	20.00	P-110	Yes	45.48	Yes			5,034.3	12,805.73
289	279	Casing Joints	5 1/2	20.00	P-110	Yes	45.86	Yes			4,988.4	12,851.59
290	280	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			4,942.5	12,897.46
291	281	Casing Joints	5 1/2	20.00	P-110	Yes	45.40	Yes			4,897.1	12,942.86
292	282	Casing Joints	5 1/2	20.00	P-110	Yes	46.35	Yes			4,850.8	12,989.21
293	283	Casing Joints	5 1/2	20.00	P-110	Yes	39.22	Yes			4,811.6	13,028.43
294	284	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			4,765.7	13,074.30
295	285	Casing Joints	5 1/2	20.00	P-110	Yes	46.26	Yes			4,719.4	13,120.56
296	286	Casing Joints	5 1/2	20.00	P-110	Yes	45.86	Yes			4,673.6	13,166.42
297	287	Casing Joints	5 1/2	20.00	P-110	Yes	45.92	Yes			4,627.7	13,212.34
298	288	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			4,581.7	13,258.29
299	289	Casing Joints	5 1/2	20.00	P-110	Yes	44.65	Yes			4,537.1	13,302.94
300	290	Casing Joints	5 1/2	20.00	P-110	Yes	45.95	Yes			4,491.1	13,348.89



Centralizer Depths

Well Name: Bost Farm 40C-8-L2

Production, Set Depth: 17,840.0ftKB

API 05123514530000		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 5/17/2022 00:30		Rig Release Date 5/22/2022 06:00		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)
301	291	Casing Joints	5 1/2	20.00	P-110	Yes	46.80	Yes			4,444.3	13,395.69
302	292	Casing Joints	5 1/2	20.00	P-110	Yes	46.82	Yes			4,397.5	13,442.51
303	293	Casing Joints	5 1/2	20.00	P-110	Yes	47.08	Yes			4,350.4	13,489.59
304	294	Casing Joints	5 1/2	20.00	P-110	Yes	46.82	Yes			4,303.6	13,536.41
305	295	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			4,257.6	13,582.39
306	296	Casing Joints	5 1/2	20.00	P-110	Yes	47.08	Yes			4,210.5	13,629.47
307	297	Casing Joints	5 1/2	20.00	P-110	Yes	46.82	Yes			4,163.7	13,676.29
308	298	Casing Joints	5 1/2	20.00	P-110	Yes	46.93	Yes			4,116.8	13,723.22
309	299	Casing Joints	5 1/2	20.00	P-110	Yes	46.82	Yes			4,070.0	13,770.04
310	300	Casing Joints	5 1/2	20.00	P-110	Yes	46.62	Yes			4,023.3	13,816.66
311	301	Casing Joints	5 1/2	20.00	P-110	Yes	44.66	Yes			3,978.7	13,861.32
312	302	Casing Joints	5 1/2	20.00	P-110	Yes	46.80	Yes			3,931.9	13,908.12
313	303	Casing Joints	5 1/2	20.00	P-110	Yes	46.64	Yes			3,885.2	13,954.76
314	304	Casing Joints	5 1/2	20.00	P-110	Yes	42.30	Yes			3,842.9	13,997.06
315	305	Casing Joints	5 1/2	20.00	P-110	Yes	47.08	Yes			3,795.9	14,044.14
316	306	Casing Joints	5 1/2	20.00	P-110	Yes	46.76	Yes			3,749.1	14,090.90
317	307	Casing Joints	5 1/2	20.00	P-110	Yes	46.55	Yes			3,702.6	14,137.45
318	308	Casing Joints	5 1/2	20.00	P-110	Yes	46.62	Yes			3,655.9	14,184.07
319	309	Casing Joints	5 1/2	20.00	P-110	Yes	37.85	Yes			3,618.1	14,221.92
320	310	Casing Joints	5 1/2	20.00	P-110	Yes	46.81	Yes			3,571.3	14,268.73
321	311	Casing Joints	5 1/2	20.00	P-110	Yes	46.68	Yes			3,524.6	14,315.41
322	312	Casing Joints	5 1/2	20.00	P-110	Yes	46.75	Yes			3,477.8	14,362.16
323	313	Casing Joints	5 1/2	20.00	P-110	Yes	46.62	Yes			3,431.2	14,408.78
324	314	Casing Joints	5 1/2	20.00	P-110	Yes	46.55	Yes			3,384.7	14,455.33
325	315	Casing Joints	5 1/2	20.00	P-110	Yes	46.66	Yes			3,338.0	14,501.99
326	316	Casing Joints	5 1/2	20.00	P-110	Yes	46.76	Yes			3,291.3	14,548.75
327	317	Casing Joints	5 1/2	20.00	P-110	Yes	46.76	Yes			3,244.5	14,595.51
328	318	Casing Joints	5 1/2	20.00	P-110	Yes	46.72	Yes			3,197.8	14,642.23
329	319	Casing Joints	5 1/2	20.00	P-110	Yes	46.75	Yes			3,151.0	14,688.98
330	320	Casing Joints	5 1/2	20.00	P-110	Yes	46.44	Yes			3,104.6	14,735.42
331	321	Casing Joints	5 1/2	20.00	P-110	Yes	46.75	Yes			3,057.8	14,782.17



Centralizer Depths

Well Name: Bost Farm 40C-8-L2

Production, Set Depth: 17,840.0ftKB

API 0512351453000		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 5/17/2022 00:30		Rig Release Date 5/22/2022 06:00		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)
332	322	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			3,011.1	14,828.95
333	323	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			2,965.2	14,874.82
334	324	Casing Joints	5 1/2	20.00	P-110	Yes	45.90	Yes			2,919.3	14,920.72
336	325	Casing Joints	5 1/2	20.00	P-110	Yes	46.75	Yes			2,857.4	14,982.63
337	326	Casing Joints	5 1/2	20.00	P-110	Yes	44.95	Yes			2,812.4	15,027.58
338	327	Casing Joints	5 1/2	20.00	P-110	Yes	46.81	Yes			2,765.6	15,074.39
339	328	Casing Joints	5 1/2	20.00	P-110	Yes	45.91	Yes			2,719.7	15,120.30
340	329	Casing Joints	5 1/2	20.00	P-110	Yes	46.62	Yes			2,673.1	15,166.92
341	330	Casing Joints	5 1/2	20.00	P-110	Yes	37.52	Yes			2,635.6	15,204.44
342	331	Casing Joints	5 1/2	20.00	P-110	Yes	46.40	Yes			2,589.2	15,250.84
343	332	Casing Joints	5 1/2	20.00	P-110	Yes	36.43	Yes			2,552.7	15,287.27
344	333	Casing Joints	5 1/2	20.00	P-110	Yes	46.64	Yes			2,506.1	15,333.91
345	334	Casing Joints	5 1/2	20.00	P-110	Yes	46.67	Yes			2,459.4	15,380.58
346	335	Casing Joints	5 1/2	20.00	P-110	Yes	46.67	Yes			2,412.8	15,427.25
347	336	Casing Joints	5 1/2	20.00	P-110	Yes	46.62	Yes			2,366.1	15,473.87
348	337	Casing Joints	5 1/2	20.00	P-110	Yes	45.87	Yes			2,320.3	15,519.74
349	338	Casing Joints	5 1/2	20.00	P-110	Yes	44.23	Yes			2,276.0	15,563.97
350	339	Casing Joints	5 1/2	20.00	P-110	Yes	44.69	Yes			2,231.3	15,608.66
351	340	Casing Joints	5 1/2	20.00	P-110	Yes	46.69	Yes			2,184.7	15,655.35
352	341	Casing Joints	5 1/2	20.00	P-110	Yes	46.66	Yes			2,138.0	15,702.01
353	342	Casing Joints	5 1/2	20.00	P-110	Yes	46.72	Yes			2,091.3	15,748.73
354	343	Casing Joints	5 1/2	20.00	P-110	Yes	45.98	Yes			2,045.3	15,794.71
355	344	Casing Joints	5 1/2	20.00	P-110	Yes	46.70	Yes			1,998.6	15,841.41
356	345	Casing Joints	5 1/2	20.00	P-110	Yes	46.74	Yes			1,951.9	15,888.15
357	346	Casing Joints	5 1/2	20.00	P-110	Yes	46.74	Yes			1,905.1	15,934.89
358	347	Casing Joints	5 1/2	20.00	P-110	Yes	46.70	Yes			1,858.4	15,981.59
359	348	Casing Joints	5 1/2	20.00	P-110	Yes	46.67	Yes			1,811.7	16,028.26
360	349	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			1,765.0	16,075.04
361	350	Casing Joints	5 1/2	20.00	P-110	Yes	46.67	Yes			1,718.3	16,121.71
362	351	Casing Joints	5 1/2	20.00	P-110	Yes	46.68	Yes			1,671.6	16,168.39
363	352	Casing Joints	5 1/2	20.00	P-110	Yes	45.62	Yes			1,626.0	16,214.01



Centralizer Depths

Well Name: Bost Farm 40C-8-L2

Production, Set Depth: 17,840.0ftKB

API 0512351453000		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 5/17/2022 00:30	Rig Release Date 5/22/2022 06:00	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)
364	353	Casing Joints	5 1/2	20.00	P-110	Yes	46.75	Yes			1,579.2	16,260.76
365	354	Casing Joints	5 1/2	20.00	P-110	Yes	46.81	Yes			1,532.4	16,307.57
366	355	Casing Joints	5 1/2	20.00	P-110	Yes	46.76	Yes			1,485.7	16,354.33
367	356	Casing Joints	5 1/2	20.00	P-110	Yes	40.18	Yes			1,445.5	16,394.51
368	357	Casing Joints	5 1/2	20.00	P-110	Yes	46.98	Yes			1,398.5	16,441.49
369	358	Casing Joints	5 1/2	20.00	P-110	Yes	46.76	Yes			1,351.8	16,488.25
370	359	Casing Joints	5 1/2	20.00	P-110	Yes	46.70	Yes			1,305.1	16,534.95
371	360	Casing Joints	5 1/2	20.00	P-110	Yes	46.73	Yes			1,258.3	16,581.68
372	361	Casing Joints	5 1/2	20.00	P-110	Yes	46.64	Yes			1,211.7	16,628.32
373	362	Casing Joints	5 1/2	20.00	P-110	Yes	46.65	Yes			1,165.0	16,674.97
374	363	Casing Joints	5 1/2	20.00	P-110	Yes	46.61	Yes			1,118.4	16,721.58
375	364	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			1,071.6	16,768.36
376	365	Casing Joints	5 1/2	20.00	P-110	Yes	46.65	Yes			1,025.0	16,815.01
377	366	Casing Joints	5 1/2	20.00	P-110	Yes	46.67	Yes			978.3	16,861.68
378	367	Casing Joints	5 1/2	20.00	P-110	Yes	46.66	Yes			931.7	16,908.34
379	368	Casing Joints	5 1/2	20.00	P-110	Yes	46.78	Yes			884.9	16,955.12
380	369	Casing Joints	5 1/2	20.00	P-110	Yes	46.75	Yes			838.1	17,001.87
381	370	Casing Joints	5 1/2	20.00	P-110	Yes	46.80	Yes			791.3	17,048.67
382	371	Casing Joints	5 1/2	20.00	P-110	Yes	46.70	Yes			744.6	17,095.37
383	372	Casing Joints	5 1/2	20.00	P-110	Yes	45.92	Yes			698.7	17,141.29
384	373	Casing Joints	5 1/2	20.00	P-110	Yes	46.64	Yes			652.1	17,187.93
385	374	Casing Joints	5 1/2	20.00	P-110	Yes	46.80	Yes			605.3	17,234.73
386	375	Casing Joints	5 1/2	20.00	P-110	Yes	46.71	Yes			558.6	17,281.44
387	376	Casing Joints	5 1/2	20.00	P-110	Yes	46.80	Yes			511.8	17,328.24
388	377	Casing Joints	5 1/2	20.00	P-110	Yes	46.61	Yes			465.2	17,374.85