



# **Bayswater Exploration & Production LLC LONG STRING POST JOB REPORT**

**Ruby West #1 05-123-51754  
S:7 T:7N R:65W Weld CO**

CallSheet #: 84315  
Proposal #: 64623



**LONG STRING Post Job Report**

**Attention:** Trevor Smith | (720) 335-9045 | [trevor.smith@iptenergyservices.com](mailto:trevor.smith@iptenergyservices.com)  
Bayswater Exploration & Production LLC  
730 17TH STREET | DENVER, CO 80202

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Dear Trevor Smith,

Thank you for the opportunity to provide cementing services on this well. American Cementing strives to achieve complete customer satisfaction. If you have any questions regarding the services or data provided, please contact American Cementing at any time.

Sincerely,

**Aimee Sankovich**

Field Engineer I | (307) 689-0323 | [aimee.sankovich@americacementing.com](mailto:aimee.sankovich@americacementing.com)

**Field Office**      1716 E Allison Rd, Cheyenne, WY 82007  
Phone: (307) 414-0049

## Job Details & Summary

### Geometry

Type	Function	OD (in)	ID (in)	Weight (lb/ft)	Top (ft)	Bottom (ft)	Excess (%)
Casing	Outer	9.625	8.921	36	0	1550	0
Open Hole	Outer		8.5		1550	18549	5
Casing	Inner	5.5	4.778	20	0	18542	0

### Equipment / People

Unit Type	Unit
Field Storage Silo	FSS-448
Field Storage Silo	FSS-461
Field Storage Silo	FSS-134
AS Cement Trailer Float	CTF-2944
Light Duty Vehicles	LDV-048
Light Duty Vehicles	LDV-092

### Timing

Event	Date/Time
Call Out	11/5/2022 12:00
Depart Facility	11/5/2022 14:00
On Location	11/5/2022 15:30
Rig Up Iron	11/5/2022 16:00
Job Started	11/5/2022 23:20
Job Completed	11/6/2022 03:30
Rig Down Iron	11/6/2022 04:30
Depart Location	11/6/2022 05:00

### General Job Information

Metrics	Value
Well Fluid Density	10.7 lb/gal
Well Fluid Type	OBM
Rig Circulation Vol	2500 bbls
Rig Circulation Time	2.5 hours
Calculated Displacement	411 bbls
Actual Displacement	411 bbls
Total Spacer to Surface	80 bbls
Total CMT to Surface	41 bbls

### Casing Equipment

Type	Description	Qty
CENTRALIZER,5-1/2"NON-WELD	Bowstring	218

### Job Details

Metrics	Value
Flare Prior to Job	NO
Flare Prior to Job	0 units
Flare During Job	NO
Flare During Job	0 units
Flare at End of Job	NO
Flare at End of Job	0 units
Well Full Prior to Job	YES
Well Fluid Density Into Well	10.7 lb/gal
Well Fluid Density Out of Well	10.7 lb/gal

### Job Details (cont.)

Metrics	Value
BHCT	225 °F
BHST	225 °F

### Circulation

Lost Circulation Experienced
NO

### Job Execution Information

Fluid	Product	Function	Density (lb/gal)	Yield (ft <sup>3</sup> /sk)	Water Rq. (gal/sk)	Water Rq. (gal/bbl)	Volume (sks)	Volume (bbl)	Designed Top (ft)
1	EZ Spacer II	Spacer	12.00					40.00	0
2	EZ Spacer II	Spacer	11.50					20.00	0
3	EZ Spacer II	Spacer	11.00					20.00	0
4	Lead	Lead	13.20	1.79	9.24		1115.00	355.51	0
5	Tail	Tail	13.50	1.50	7.57		1675.00	448.57	8105
6	Retarded Water + Chems	Displacement	8.37			41.43		10.00	18084
7	Water + Chems	DisplacementFinal	8.37			41.53		401.00	0

### Job Fluid Details

Fluid	Type	Fluid	Product	Function	Conc.	Uom
1	Spacer	EZ Spacer II	WEIGHTING ADDITIVE, W-11	Heavyweight	242.31	lb/bbl
1	Spacer	EZ Spacer II	GW-86	Viscosifier	1.20	lb/bbl
1	Spacer	EZ Spacer II	R-31	Retarder	0.50	lb/bbl
1	Spacer	EZ Spacer II	R-7C	Retarder	2.00	lb/bbl
1	Spacer	EZ Spacer II	Surfactant, S-801c	Surfactant	1.00	gal/bbl
2	Spacer	EZ Spacer II	WEIGHTING ADDITIVE, W-11	Heavyweight	242.31	lb/bbl
2	Spacer	EZ Spacer II	GW-86	Viscosifier	1.20	lb/bbl
2	Spacer	EZ Spacer II	R-31	Retarder	0.50	lb/bbl
2	Spacer	EZ Spacer II	R-7C	Retarder	2.00	lb/bbl
2	Spacer	EZ Spacer II	Surfactant, S-801c	Surfactant	1.00	gal/bbl
3	Spacer	EZ Spacer II	WEIGHTING ADDITIVE, W-11	Heavyweight	242.31	lb/bbl
3	Spacer	EZ Spacer II	GW-86	Viscosifier	1.20	lb/bbl
3	Spacer	EZ Spacer II	R-31	Retarder	0.50	lb/bbl
3	Spacer	EZ Spacer II	R-7C	Retarder	2.00	lb/bbl
3	Spacer	EZ Spacer II	Surfactant, S-801c	Surfactant	1.00	gal/bbl
4	Lead	Lead	ASTM TYPE IL	Cement	70.00	%
4	Lead	Lead	FLY ASH (ROCKIES)	Extender	30.00	%
4	Lead	Lead	BA-90	BondEnhancer	7.00	lb/sk
4	Lead	Lead	BENTONITE	Viscosifier	2.00	%BWOB
4	Lead	Lead	EC-2	BondEnhancer	3.00	%BWOB
4	Lead	Lead	FL-24	FluidLoss	0.20	%BWOB
4	Lead	Lead	FL-66	FluidLoss	0.30	%BWOB
4	Lead	Lead	FP-24	Defoamer	0.30	%BWOB
4	Lead	Lead	GW-86	Viscosifier	0.10	%BWOB
4	Lead	Lead	SR-20	Retarder	0.15	%BWOB
5	Tail	Tail	CLASS G	Cement	50.00	%
5	Tail	Tail	FLY ASH (ROCKIES)	Extender	50.00	%
5	Tail	Tail	BENTONITE	Viscosifier	4.00	%BWOB
5	Tail	Tail	FL-24	FluidLoss	0.20	%BWOB
5	Tail	Tail	FP-24	Defoamer	0.30	%BWOB
5	Tail	Tail	GW-86	Viscosifier	0.10	%BWOB
5	Tail	Tail	SR-20	Retarder	0.11	%BWOB
5	Tail	Tail	STATIC FREE	Other	0.01	lb/sk
6	Displacement	Retarded Water + Chems	BIOCIDE,BIOC11139W	Biocide	0.01	gal/bbl
6	Displacement	Retarded Water + Chems	CI-27	Other	0.21	gal/bbl
6	Displacement	Retarded Water + Chems	OXYGEN SCAVENGER, OS-30	Other	0.17	gal/bbl
6	Displacement	Retarded Water + Chems	ResCare CS-2	ClayProtection	0.08	gal/bbl
6	Displacement	Retarded Water + Chems	SR-61L	Retarder	0.10	gal/bbl
7	DisplacementFinal	Water + Chems	BIOCIDE,BIOC11139W	Biocide	0.01	gal/bbl
7	DisplacementFinal	Water + Chems	CI-27	Other	0.21	gal/bbl
7	DisplacementFinal	Water + Chems	OXYGEN SCAVENGER, OS-30	Other	0.17	gal/bbl
7	DisplacementFinal	Water + Chems	ResCare CS-2	ClayProtection	0.08	gal/bbl

## Job Logs

Line	Event	Date (MM/DD/YY)	Time (HH:MM)	Density (lb/gal)	Pump Rate (bpm)	Pump Volume (bbls)	Pipe Pressure (psi)	Comment
1	ARRIVED ON LOCATION	11/5/2022	15:30					
2	HAZARD ASSESSMENT	11/5/2022	15:35					
3	PRE RIG UP SFTY MTG	11/5/2022	15:45					
4	RIGGED UP	11/5/2022	17:00					
5	PRE JOB SFTY MTG	11/5/2022	22:45					
6	STAB HEAD/ LINES	11/5/2022	23:00					
7	START JOB	11/5/2022	23:20	8.34				
8	PRESSURE TEST 5000	11/5/2022	23:22	8.34	1	1	5890	
9	BREAK CIRCULATION	11/5/2022	23:25	8.34	6	10	1000	
10	START EZ SPACER @12	11/5/2022	23:28	12.5	6	1	1110	
11	END OF SPACER	11/5/2022	23:35	12.5	6	40	1100	
12	START EZ SPACER @11.5	11/5/2022	23:36	12	6	1	1129	
13	END OF SPACER	11/5/2022	23:41	12	6	20	1087	
14	START EZ SPACER @ 11	11/5/2022	23:42	11.5	6	1	1097	
15	END OF SPACER	11/5/2022	23:44	11.5	6	20	1120	
16	START LEAD CMT@ 13.2	11/5/2022	23:46	13.2	8	1	1235	
17	END OF LEAD CMT	11/6/2022	00:36	13.2	8	355	1000	
18	START TAIL CMT @13.5	11/6/2022	00:37	13.5	8	1	1020	
19	END OF TAIL CMT	11/6/2022	01:43	13.5	3	477	130	
20	SHUTDWN/WASH LINES	11/6/2022	01:51					
21	DROP LP PLUG	11/6/2022	02:10					
22	START 5 BBL RET DISP	11/6/2022	02:13	8.34	3	5	130	
23	SHUTDOWN/ DROP HP PLUG	11/6/2022	02:15					
24	START 401 BBL DISP	11/6/2022	02:16	8.34	3	1	134	
25	CAUGHT CMT	11/6/2022	02:17	8.34	10	21	1000	
26	50 BBL GONE	11/6/2022	02:18	8.34	10	50	2500	
27	100 BBL GONE	11/6/2022	02:22	8.34	8	100	3000	
28	150 BBL GONE	11/6/2022	02:28	8.34	7	150	3450	
29	200 BBL GONE	11/6/2022	02:35	8.34	7	200	3900	
30	250 BBL GONE	11/6/2022	02:45	8.34	5	250	3976	
31	300 BBL GONE	11/6/2022	02:55	8.34	5	300	3945	
32	350 BBL GONE	11/6/2022	03:05	8.34	5	350	3956	
33	PRESSURE BEFORE SLOW	11/6/2022	03:15	8.34	5	390	3976	3976 PSI
34	SLOW RATE/ BUMP LP PLUG	11/6/2022	03:16	8.34	3	390	3745	3745/ 4100 PSI
35	PRESSURE BEFORE BUMP	11/6/2022	03:23	8.34	3	411	3998	FINAL LIFT PSI 3998
36	LAND PLUG	11/6/2022	03:25	8.34		411	4785	BUMPED PLUG TO 4785 PSI
37	CHECK FLOAT	11/6/2022	03:30					3 bbls BACK UPON FLOAT CHECK
38	END OF APPLICATION	11/6/2022	03:30					41 BBLs CEMENT TO SURFACE
39	PRE RIG DOWN/ POST JOB MTG	11/6/2022	03:35					
40	RIGGED DOWN/	11/6/2022	04:30					
41	PRE CONVOY	11/6/2022	04:45					
42	DEPART LOCATION	11/6/2022	05:00					
43	END OF JOB	11/6/2022	05:00					

# Pump Diagrams

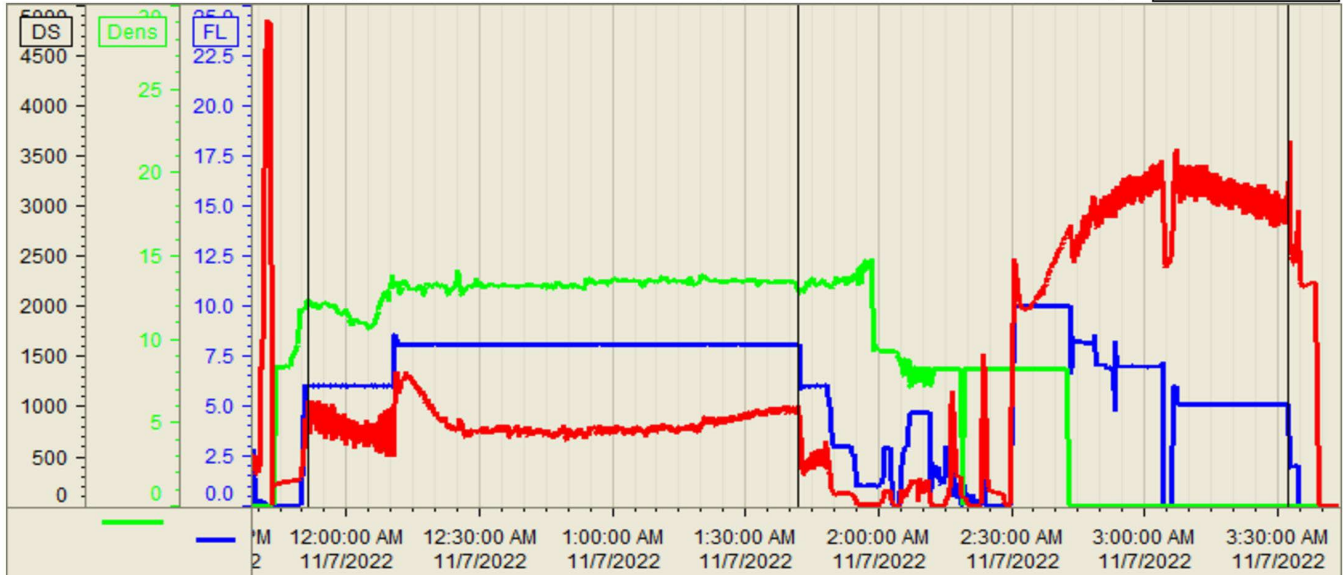
Customer: Bayswater  
Well Number: 1  
Lease Info: Ruby West

Stage	Sacks (sacks)	Water (gal/sack)	Slurry (cu.ft/sack)	Density (ppg)	Total (bbls)
1	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	8.3	2000.0
3	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0

Stage	Sacks (sacks)	Water (gal/sack)	Slurry	Density (ppg)	Total (bbls)
6	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0

Print Date/Time

11/7/2022 4:37:48 AM



Name	Y value	X value/time stamp	Tag name Y
1 DS - Press (PSI)	1106 i.	11/7/2022 1:42:02 AM i.	CementerDS_DISCHARGE_PRESS_DIAL
2 Den - Density (PPG)	12.99	11/7/2022 1:42:01 AM	CementerDENSITY_ACTUAL_RATE
3 Pump Rate	8.09 i.	11/7/2022 1:42:02 AM i.	CementerFlow_Combined
4			
5			

Source: Control1 4:37:49 AM