



Bayswater Exploration & Production LLC

SURFACE POST JOB REPORT

Ruby West #9R 05-123-51842-00
S:7 T:7N R:65W Weld CO

CallSheet #: 84388
Proposal #: 64759



SURFACE Post Job Report

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

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

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 (%)
Open Hole	Outer		13.5		0	1563	25
Casing	Inner	9.625	8.921	36	0	1563	0

Equipment / People

Unit Type	Unit
Cement Trailer Float	CTF-339
Cement Trailer Float	CTF-341
Cement Pump Float	CPF-182
Light Duty Vehicles	LDV-013

Timing

Event	Date/Time
Call Out	11/8/2022 00:00
Depart Facility	11/8/2022 05:00
On Location	11/8/2022 06:00
Rig Up Iron	11/8/2022 06:30
Job Started	11/8/2022 09:50
Job Completed	11/8/2022 11:00
Rig Down Iron	11/8/2022 11:30
Depart Location	11/8/2022 13:00

General Job Information

Metrics	Value
Well Fluid Density	8.5 lb/gal
Well Fluid Type	WBM
Rig Circulation Vol	240 bbls
Rig Circulation Time	0.5 hours
Calculated Displacement	118 bbls
Actual Displacement	118 bbls
Total Spacer to Surface	20 bbls
Total CMT to Surface	40 bbls

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	8.5 lb/gal
Well Fluid Density Out of Well	8.5 lb/gal

Job Details (cont.)

Metrics	Value
BHCT	86 °F
BHST	110 °F

Water Analysis

Metrics	Value	Recommended
Water Source	Upright Rig Tank	
Temperature	65 °F	50-80 °F
pH Level	7	5.5-8.5
Chlorides	0 mg/L	0-3000 mg/L
Total Alkalinity	140	0-1000
Total Hardness	250 mg/L	0-500 mg/L
Carbonates	40 mg/L	0-100 mg/L
Sulfates	<200 mg/L	0-1500 mg/L
Potassium	0 mg/L	0-3000 mg/L
Iron	0 mg/L	0-300 mg/L

Circulation

Lost Circulation Experienced
No

Job Execution Information

Fluid	Product	Function	Density (lb/gal)	Yield (ft ³ /sk)	Water Rq. (gal/sk)	Water Rq. (gal/bbl)	Volume (sks)	Volume (bbl)	Designed Top (ft)
1	Fresh Water	Flush	8.34			42.00		20.00	0
2	ACem S100.3.1C	Lead	12.00	2.50	14.57		261.00	116.01	0
3	ACem S100.3.1C	Tail	12.50	2.18	12.25		153.00	59.36	1063
4	D822	DisplacementFinal	8.34			42.00		116.00	0

Job Fluid Details

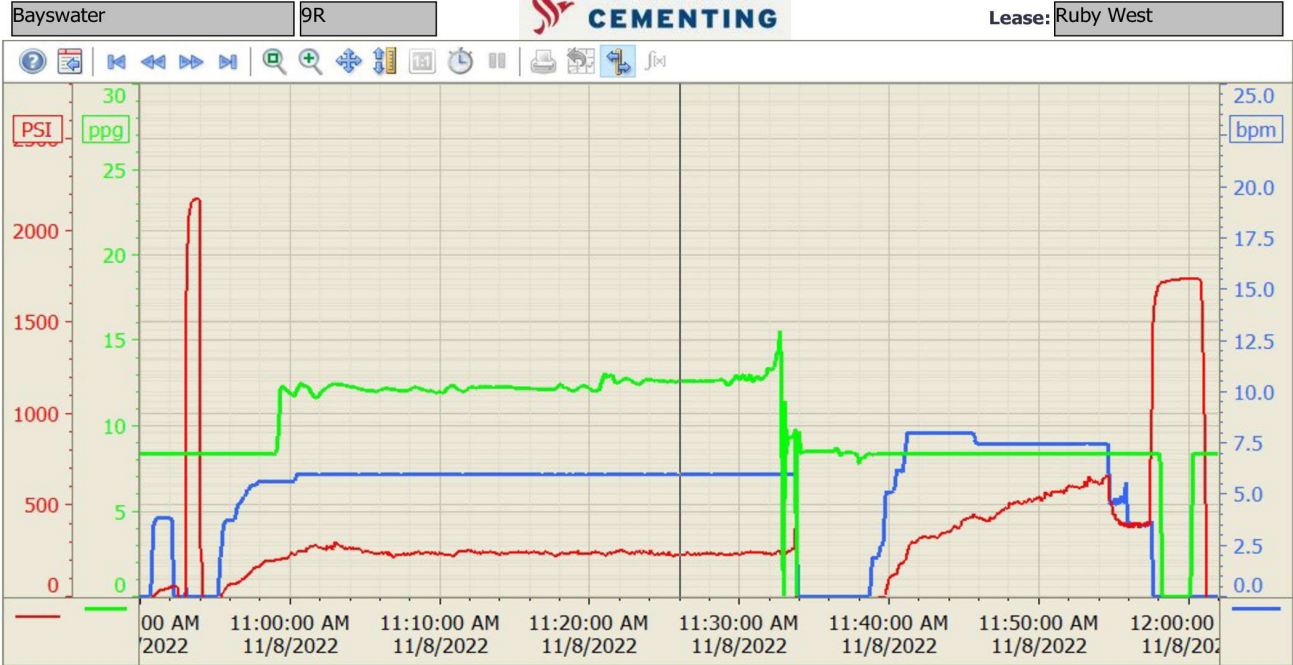
Fluid	Type	Fluid	Product	Function	Conc.	Uom
2	Lead	ACem S100.3.1C	ASTM TYPE IL	Cement	100.00	%
2	Lead	ACem S100.3.1C	A-10	Accelerator	5.00	%BWOB
2	Lead	ACem S100.3.1C	A-2	Accelerator	3.00	lb/sk
2	Lead	ACem S100.3.1C	A-7P	Accelerator	2.00	lb/sk
2	Lead	ACem S100.3.1C	FP-24	Defoamer	0.30	%BWOB
2	Lead	ACem S100.3.1C	IntegraSeal POLI	LostCirculation	0.13	lb/sk
3	Tail	ACem S100.3.1C	ASTM TYPE IL	Cement	100.00	%
3	Tail	ACem S100.3.1C	A-10	Accelerator	5.00	%BWOB
3	Tail	ACem S100.3.1C	A-2	Accelerator	2.00	lb/sk
3	Tail	ACem S100.3.1C	A-7P	Accelerator	2.00	lb/sk
3	Tail	ACem S100.3.1C	FP-24	Defoamer	0.30	%BWOB
3	Tail	ACem S100.3.1C	IntegraSeal POLI	LostCirculation	0.13	lb/sk

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	Callout	11/8/2022	00:00					Crew called out requested on location for 0600
2	Depart For Location	11/8/2022	05:00					Crew departed for location
3	Arrive On Location	11/8/2022	06:00					Crew arrived on location
4	Safety Meeting	11/8/2022	06:15					Safety meeting
5	Rig Up Iron	11/8/2022	06:30					Spotted and rigged up all equipment
6	Safety Meeting	11/8/2022	09:00					Safety meeting
7	Fill Lines	11/8/2022	09:50	8.34	4	5	100	Fill lines with 5 bbls water
8	Pressure Test Lines	11/8/2022	09:52					Pressure test lines to 2000 psi
9	Pump Spacer	11/8/2022	09:55	8.34	6	20	300	Pump 20 bbls water spacer
10	Pump Lead Cement	11/8/2022	09:59	12	6	116	300	Pump 116 bbls lead cement @ 12 ppg (261 sks, 2.50 Y, 14.57 gal/sk)
11	Pump Tail Cement	11/8/2022	10:20	12.5	6	59	300	Pump 59 bbls tail cement @ 12.5 ppg (153 sks, 2.18 Y, 12.25 gal/sk)
12	Shutdown	11/8/2022	10:34					Shutdown
13	Drop Top Plug	11/8/2022	10:37					Drop top plug
14	Pump Displacement	11/8/2022	10:38	8.34	8	100	800	Pump 118 bbls displacement
15	Cement Back to Surface	11/8/2022	10:48					Cement back to surface, 40 bbls back
16	Slow Pump Rate	11/8/2022	10:54	8.34	3	18	600	Slow rate to 3 bpm
17	Land Plug	11/8/2022	10:57					Land plug at 600 psi took to 1600 psi
18	Check Floats	11/8/2022	11:00					Check floats, floats holding, 0.5 bbls back
19	Safety Meeting	11/8/2022	11:15					Safety meeting
20	Rig Down Iron	11/8/2022	11:30					Rigged down all equipment
21	Depart Location	11/8/2022	13:00					Crew departed location

Pump Diagrams

Summary Trend



11/8/2022 12:33:34 P