



Bayswater Exploration & Production LLC SURFACE POST JOB REPORT

**Blehm #5 05-123-51625
S:18 T:7N R:66W Weld CO**

CallSheet #: 79445
Proposal #: 56701



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,

Jason Creel

Field Engineer Lead | (307) 256-0306 | jason.creel@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	1560	25
Casing	Inner	9.625	8.921	36	0	1549	0

Equipment / People

Unit Type	Unit
Cement Pump Float	CPF-184
Light Duty Vehicles	LDV-013
Field Storage Silo	FSS(CTS)-459
AS Cement Trailer Float	CTF-021
Cement Trailer Float	CTF-002

Timing

Event	Date/Time
Call Out	12/9/2021 23:30
Depart Facility	12/10/2021 02:00
On Location	12/10/2021 03:00
Rig Up Iron	12/10/2021 03:10
Job Started	12/10/2021 08:18
Job Completed	12/10/2021 09:30
Rig Down Iron	12/10/2021 09:45
Depart Location	12/10/2021 10:30

General Job Information

Metrics	Value
Well Fluid Density	8.34 lb/gal
Well Fluid Type	WBM
Rig Circulation Vol	240 bbls
Rig Circulation Time	0.5 hours
Calculated Displacement	116.3 bbls
Actual Displacement	116 bbls
Total Spacer to Surface	20 bbls
Total CMT to Surface	36 bbls
Well Topped Out	No

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	8.34 lb/gal
Well Fluid Density Out of Well	8.34 lb/gal

Job Details (cont.)

Metrics	Value
BHCT	86 °F
BHST	110 °F

Water Analysis

Metrics	Value	Recommended
Water Source	None	
Temperature	65 °F	50-80 °F
pH Level	7	5.5-8.5
Chlorides	2000 mg/L	0-3000 mg/L
Total Alkalinity	500	0-1000
Total Hardness	200 mg/L	0-500 mg/L
Carbonates	50 mg/L	0-100 mg/L
Sulfates	500 mg/L	0-1500 mg/L
Potassium	500 mg/L	0-3000 mg/L
Iron	20 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	2.53	14.86		260.00	117.11	0
3	ACem S100.3.1C	Tail	12.50	2.23	12.58		145.00	57.46	1055
4	Fresh Water	DisplacementFinal	8.34			42.00		117.00	0

Job Fluid Details

Fluid	Type	Fluid	Product	Function	Conc.	Uom
2	Lead	ACem S100.3.1C	ASTM TYPE III	Cement	100.00	%
2	Lead	ACem S100.3.1C	A-10	Accelerator	5.00	%BWOB
2	Lead	ACem S100.3.1C	A-2	Accelerator	2.00	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 III	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	Call out	12/9/2021	23:30					crew called out to location
2	on location	12/10/2021	03:00					crew on location, spot equipment
3	rig up	12/10/2021	03:10					rig up equipment
4	safety meeting	12/10/2021	08:00					safety meeting with company man and rig crew
5	pressure test	12/10/2021	08:18	8.34	0.2	0.2	2600	pressure test lines to 2600 psi
6	blue dye	12/10/2021	08:21	8.34	4	20	200	20 bbl water with blue dye ahead of cement
7	batch up	12/10/2021	08:30	12				shut down to batch up lead cement, densometer is off, so we verified weight to 12 # and densometer showing 12.5 #,
8	lead cement	12/10/2021	08:33	12	8	117.1	550	start pumping lead cement, 12 # on mud scale, verified, yield 2.53 / 14.9 mix water, / wet and dry samples taken
9	tail cement	12/10/2021	08:48	12.5	8	57.5	530	tail cement, 12.5 # on mud scale 12.9 # on densometer, yield 2.23 / mix water 12.6 / wet and dry samples taken and weight verified
10	tail cement	12/10/2021	08:52	12.5	4	42	250	end of tail cement, slow down to keep density and clean silo, 4250 psi at 4 bpm
11	drop plug	12/10/2021	09:01					shut down / release pre-loaded plug provided by customer
12	displacement	12/10/2021	09:03	8.34	4	10	200	start pumping displacement, washing up on top with first 10 bbl water then swap to D822
13	displacement	12/10/2021	09:06	8.34	8	20	450	20 bbl on displacement, walk it up tpo 8 bpm
14	displacement	12/10/2021	09:12	8.34	8	50	700	50 bbl on displacement, 700 psi at 8 bpm
15	cement back	12/10/2021	09:15	8.34	8	80	770	80 bbl away, cement back to surface, 770 psi at 8 bpm
16	displacement	12/10/2021	09:18	8.34	3	100	600	100 bbl on displacement, slow down to 3 bpm to land plug
17	land plug	12/10/2021	09:23	8.34	3	116	600-1350	116 bbl bump plug , last displacement pressure 600 psi bump to 1350 psi
18	check floats	12/10/2021	09:25	8.34			1350-0	check floats, holding , 1 bbl back
19	blow lines	12/10/2021	09:30					blow back pressure line and D822 line
20	rig down	12/10/2021	09:45					rig down equipment /

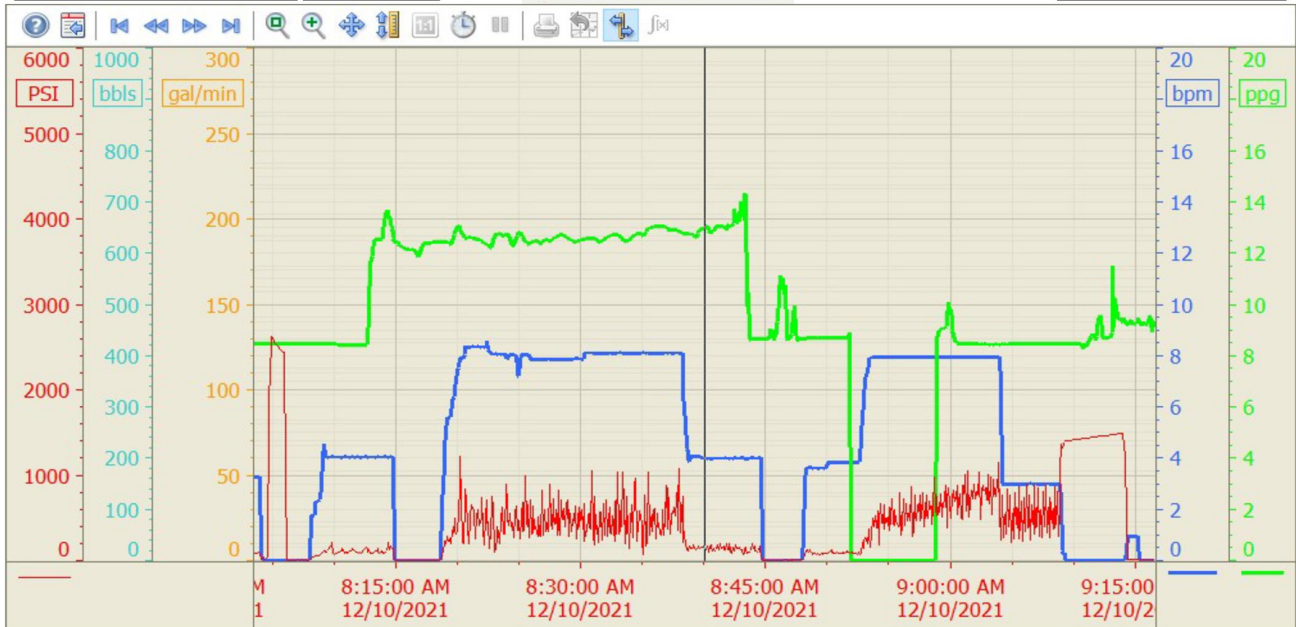
Pump Diagrams

Summary Trend

BAYSWATER 5



Lease: BLEHM



12/10/2021 9:46:26 A