



# **Bayswater Exploration & Production LLC**

## **SURFACE POST JOB REPORT**

**DEHAAN #6X-HNC-16-07-65 05-123-49460**  
**S:17 T:7N R:65W Weld CO**

CallSheet #: 85236  
Proposal #: 65903



**SURFACE 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 (%)
Open Hole	Outer		13.5		0	1860	25
Casing	Inner	9.625	8.921	36	0	1860	0

### Equipment / People

Unit Type	Unit
Field Storage Silo	FSS-461
Cement Trailer	CTF-001
Float	
Cement Pump	CPF-011
Float	
Light Duty Vehicles	LDV-049

### Timing

Event	Date/Time
ERTS	
Call Out	1/2/2023 00:00
Depart Facility	1/2/2023 04:30
On Location	1/2/2023 05:45
Rig Up Iron	1/2/2023 06:00
Job Started	1/2/2023 09:35
Job Completed	1/2/2023 10:40
Rig Down Iron	1/2/2023 11:00
Depart Location	1/2/2023 12:00

### General Job Information

Metrics	Value
Well Fluid Density	8.5 lb/gal
Well Fluid Type	WBM
Rig Circulation Vol	300 bbls
Rig Circulation Time	0.5 hours
Calculated Displacement	145.3 bbls
Actual Displacement	145 bbls
Total Spacer to Surface	20 bbls
Total CMT to Surface	40 bbls
Well Topped Out	No
Top Out Volume	0 bbls

### Casing Equipment

Type	Description	Qty
CENTRALIZER,9-5/8"NON-WELD	Centralizers	22

### 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	54 °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
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NO
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## 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	Fresh Water	Flush	8.34			42.00		20.00	0
2	ACem S100.3.1C	Lead	12.00	2.50	14.57		333.00	148.02	0
3	ACem S100.3.1C	Tail	12.50	2.18	12.25		149.00	57.81	1360
4	D822	DisplacementFinal	8.34			42.00		139.00	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

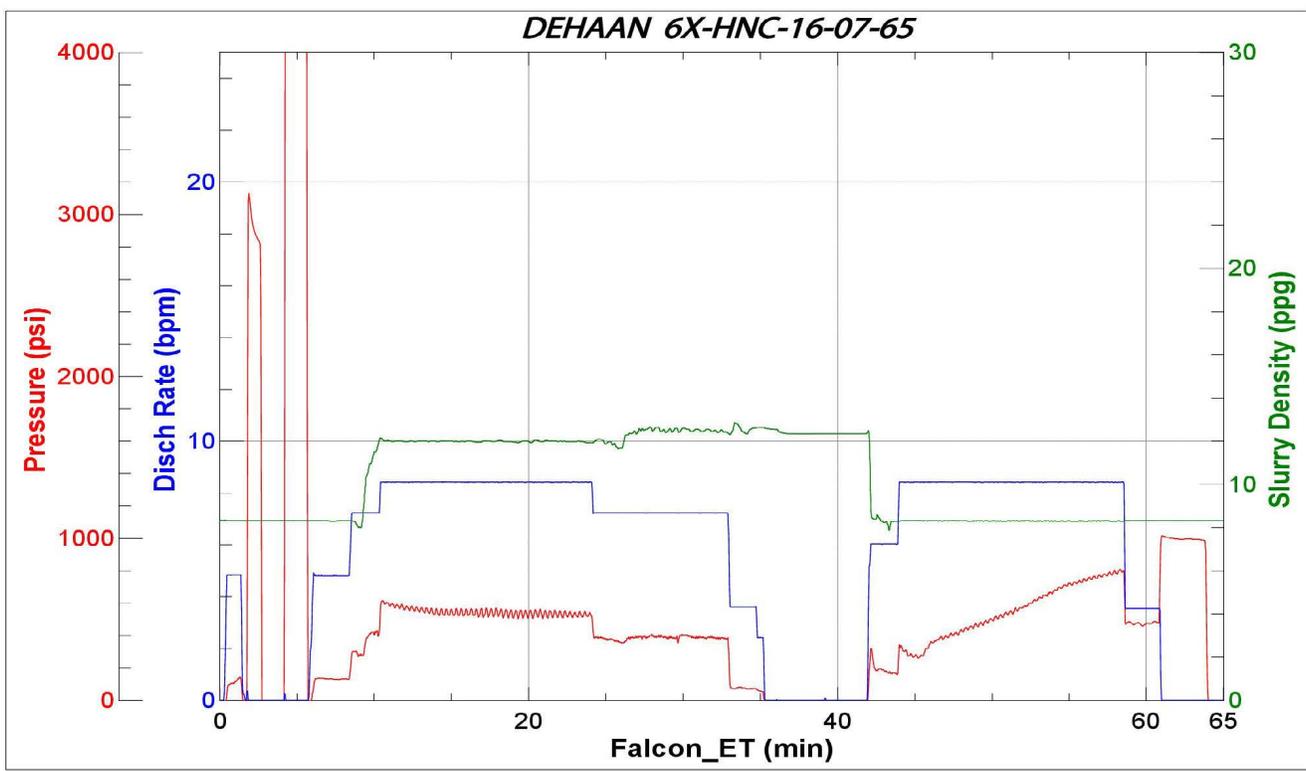
## Job Logs

Line	Event	Date (MM/DD/YY)	Time (HH:MM)	Density (lb/gal)	Pump Rate (bpm)	Pump Volume (bbls)	Pipe Pressure (psi)	Comment
1	Call Out	1/2/2023	00:00					Rig dispatched for location. Requested on location at 06:00
2	Depart For Location	1/2/2023	04:30					Departed for location.
3	Arrive On Location	1/2/2023	05:45					Crew arrived on location.
4	Safety Meeting	1/2/2023	05:50					Pre rig up safety meeting.
5	Spot Units	1/2/2023	05:55					Spotted units.
6	Rig Up Iron	1/2/2023	06:00					Rigged up all equipment and iron.
7	Waiting	1/2/2023	07:00					Waiting on rig to finish running casing and circulate the well.
8	Safety Meeting	1/2/2023	09:30					Pre job safety meeting with rig and cement crews.
9	Fill Lines	1/2/2023	09:35	8.34	4.8	5	100	Filled lines with 5 BBLS of fresh water.
10	Pressure Test Lines	1/2/2023	09:37				3131	Pressure tested lines to 3131 PSI.
11	Pump Spacer	1/2/2023	09:42	8.34	4.6	20	130	Pumped 20 BBLS of dyed water spacer. Verified returns were good.
12	Pump Lead Cement	1/2/2023	09:44	12	8	148	660	Pumped 148 BBLS of 12 PPG Lead cement, (333 SKS, 2.50Y, 14.57 GPS, 116 BBLS of mix water). Visually verified returns were good and density was accurate with mud scale.
13	Pump Tail Cement	1/2/2023	10:02	12.5	7.2	58	450	Pumped 58 BBLS of 12.5 PPG Tail Cement, (149 SKS, 2.18 Y, 12.25 GPS. Visually verified returns were good and density was accurate with mudscale.
14	Shut Down	1/2/2023	10:11					Shut Down
15	Wash Pumps And Lines	1/2/2023	10:13					Rinsed mixing system.
16	Drop Bottom Plug	1/2/2023	10:14					Dropped Plug.
17	Pump Displacement	1/2/2023	10:16	8.34	8	135	783	Began displacement by washing up on top of the plug. Pumped 145 BBLS of fresh water. Visually verified returns were good.
18	Spacer To Surface	1/2/2023	10:29	8.34	8		709	20 BBLS of spacer returned to surface.
19	Cement To Surface	1/2/2023	10:31	8.34	8		784	40 BBLS of cement returned to surface.
20	Slow Rate	1/2/2023	10:34	8.34	4.2	10	475	Slowed rate to 4.2 BPM at 135 BBLS away
21	Land Plug	1/2/2023	10:40				1003	Plug landed at 145 BBLS away. Took from 465 PSI to 1003 PSI. Total water used for the job was 350 BBLS.
22	Check Floats	1/2/2023	10:43					Floats holding, .5 BBLS back.
23	Safety Meeting	1/2/2023	10:50					Pre rig down safety meeting.
24	Rig Down Iron	1/2/2023	11:00					Rigged down all iron and equipment.
25	Depart From Location	1/2/2023	12:00					Departed from location.

# Pump Diagrams



JobMaster Program Version 5.01C1  
 Job Number: 85236  
 Customer: Bayswater  
 Well Name: Dehaan #6X-HNC-16-07-65



Job Start: Monday, January 02, 2023