



Petroshare Corporation

SURFACE POST JOB REPORT

Shook 3-10-2NCH 05-001-09980
S:3 T:1S R:67W Adams CO

CallSheet #: 723
Proposal #: 13163



SURFACE Post Job Report

Attention: Mr. Bill Lloyd | (303) 500-1160 | blloyd@petroshare.com
Petroshare Corporation
9635 Maroon Circle, Ste 400 | Englewood, CO 80112

Dear Mr. Lloyd,

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

Sincerely,

Zen Keith

Technical Specialist-II | (307) 757-7178 | Zen.Keith@bjservices.com

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1 Job Details & Summary

1.1 Geometry

Type	Function	OD (in)	ID (in)	Weight (lb/ft)	Thread	Top (ft)	Bottom (ft)	Excess (%)
Casing	Inner	9.625	8.921	36	LTC	0	1819	0
Casing	Outer	16	15.25	65	n/a	0	40	0
Open Hole	Outer	n/a	13.5	n/a	n/a	40	1800	15

1.2 Equipment / People

Unit Type	Unit	Employee #1	Mileage
Cement Pump	PPC11250		176
Bulk Trailer	E467	Mellon, Zacahria	176
Bulk Trailer	E421	Scott, Matthew	176
Light Duty Pickups	3	Dewit, Eric	176

1.3 Timing

Event	Date/Time
Call Out	4/15/2017 14:30
Depart Facility	4/15/2017 15:30
On Location	4/15/2017 17:00
Rig Up Iron	4/15/2016 23:25
Job Started	4/16/2017 00:21
Job Completed	4/16/2017 00:23
Rig Down Iron	4/16/2017 02:15
Depart Location	4/16/2017 13:00

1.4 General Job Information

Metrics	Value
Well Fluid Density	8.4 lb/gal
Well Fluid Type	Water
Rig Circulation Vol	150 bbls
Rig Circulation Time	0.5 hours
Calculated Displacement	137.2 bbls
Actual Displacement	140.5 bbls
Total Spacer to Surface	20 bbls
Total CMT to Surface	14 bbls
Well Topped Out	No
Top Out Volume	0 bbls

1.5 Job Details

Metrics	Value
Flare Prior to Job	No
Flare During Job	No
Flare at End of Job	No
Well Full Prior to Job	Yes
Well Fluid Density Into Well	8.4 lb/gal
Well Fluid Density Out of Well	8.4 lb/gal

1.6 Job Details (cont.)

Metrics	Value
BHCT	95 °F
BHST	120 °F

1.7 Circulation

Lost Circulation Experienced
No



1.8 Job Execution Information

Job	Fluid	Product	Function	Density (lb/gal)	Yield (ft ³ /sk)	Water Rq. (gal/sk)	Water Rq. (gal/bbl)	Volume (sks)	Volume (bbl)	Top (ft)
1	1	Water	Flush	8.33			42.00		20.00	0
1	2	ALTCem S100-12	Lead	12.00	2.53	14.85		293.00	131.84	0
1	3	ALTCem S100-12	Tail	12.50	2.22	12.58		135.00	53.46	1300
1	4	Water	DisplacementFinal	8.33			42.00		136.00	0

1.9 Job Fluid Details

Job	Fluid	Type	Fluid	Product	Function	Conc.	Uom
1	2	Lead	ALTCem S100-12	AC3-10	Cement	100.00	%
1	2	Lead	ALTCem S100-12	ACL-10	Accelerator	2.00	lb/sk
1	2	Lead	ALTCem S100-12	ACL-20	Accelerator	5.00	%BWOB
1	2	Lead	ALTCem S100-12	ADF-11	Defoamer	0.30	%BWOB
1	2	Lead	ALTCem S100-12	ALC-10	LostCirculation	0.13	lb/sk
1	2	Lead	ALTCem S100-12	AXE-30	Extender	2.00	lb/sk
1	3	Tail	ALTCem S100-12	AC3-10	Cement	100.00	%
1	3	Tail	ALTCem S100-12	ACL-10	Accelerator	2.00	lb/sk
1	3	Tail	ALTCem S100-12	ACL-20	Accelerator	5.00	%BWOB
1	3	Tail	ALTCem S100-12	ADF-11	Defoamer	0.30	%BWOB
1	3	Tail	ALTCem S100-12	ALC-10	LostCirculation	0.13	lb/sk
1	3	Tail	ALTCem S100-12	AXE-30	Extender	2.00	lb/sk

2 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	4/15/2017	14:00					Customer call with an RTS of 20:30
2	Leave yard	4/15/2016	15:30					Leave yard
3	On location	4/15/2017	17:00					Arrive on location
4	Spot trucks	4/15/2017	23:15					Spot trucks
5	Safety meeting	4/15/2017	23:20					Pre-rig up safety meeting
6	Rig up	4/15/2017	23:25					Rig up bulk, water, and high pressure line
7	Safety meeting	4/15/2017	23:55					Pre-job safety meeting with rig crew, and company man
8	Rig up	4/16/2017	00:05					Rig up cement head
9	Load lines	4/16/2017	00:21	8.34	2	2	53	Load pumps and lines, send bottom plug
10	Pressure test	4/16/2017	00:23	8.34			4050	Pressure test pumps and lines
11	Pump spacer	4/16/2017	00:25	8.34	5.2	20	156	Pump fresh water + dye spacer
12	Lead cement	4/16/2017	00:33	12	5.9	131	251	Pump 293 sacks of lead cement @12 ppg (Yield - 2.53, Mix water - 14.85)
13	Tail cement	4/16/2017	00:57	12.5	5.6	53	74	Pump 135 sacks of tail cement @12.5 ppg (Yield -2.22, Mix water - 12.58)
14	Drop plug	4/16/2017	01:09					Shut down drop top plug
15	Displacement	4/16/2017	01:12	8.34	7		68	Send plug, start fresh water displacement
16	Displacement	4/16/2017	01:21	8.34	6.5	50	400	Fresh water displacement
17	Spacer to surface	4/16/2017	01:30	8.34	6.5	110	458	Spacer to surface
18	Drop rate	4/16/2017	01:32	8.34	2.5	120	420	Drop rate
19	Cement to surface	4/16/2017	01:34	8.34	2.5	126	430	Start getting good cement to surface
20	Shut down	4/16/2017	01:40	8.34		139.5	431	Shut down did not bump the plug, pumped 2 bbls over calculated displacement (Shoe joint capacity 3.5 bbls)
21	Pumping	4/16/2017	01:42	8.34	1.1	1	433	Per customer request we pumped 1 more bbl to try and land the plug
22	Shut down	4/16/2017	01:43	8.34			385	Shut down did not land the plug, pumped a total of 3 bbls over calculated displacement
23	Check floats	4/16/2017	01:44	8.34				Bleed off check floats (floats held) 0.5 bbls back
24	Safety meeting	4/16/2017	02:10					Pre rig down safety meeting
25	Rig down	4/16/2017	02:15					Rig everything down

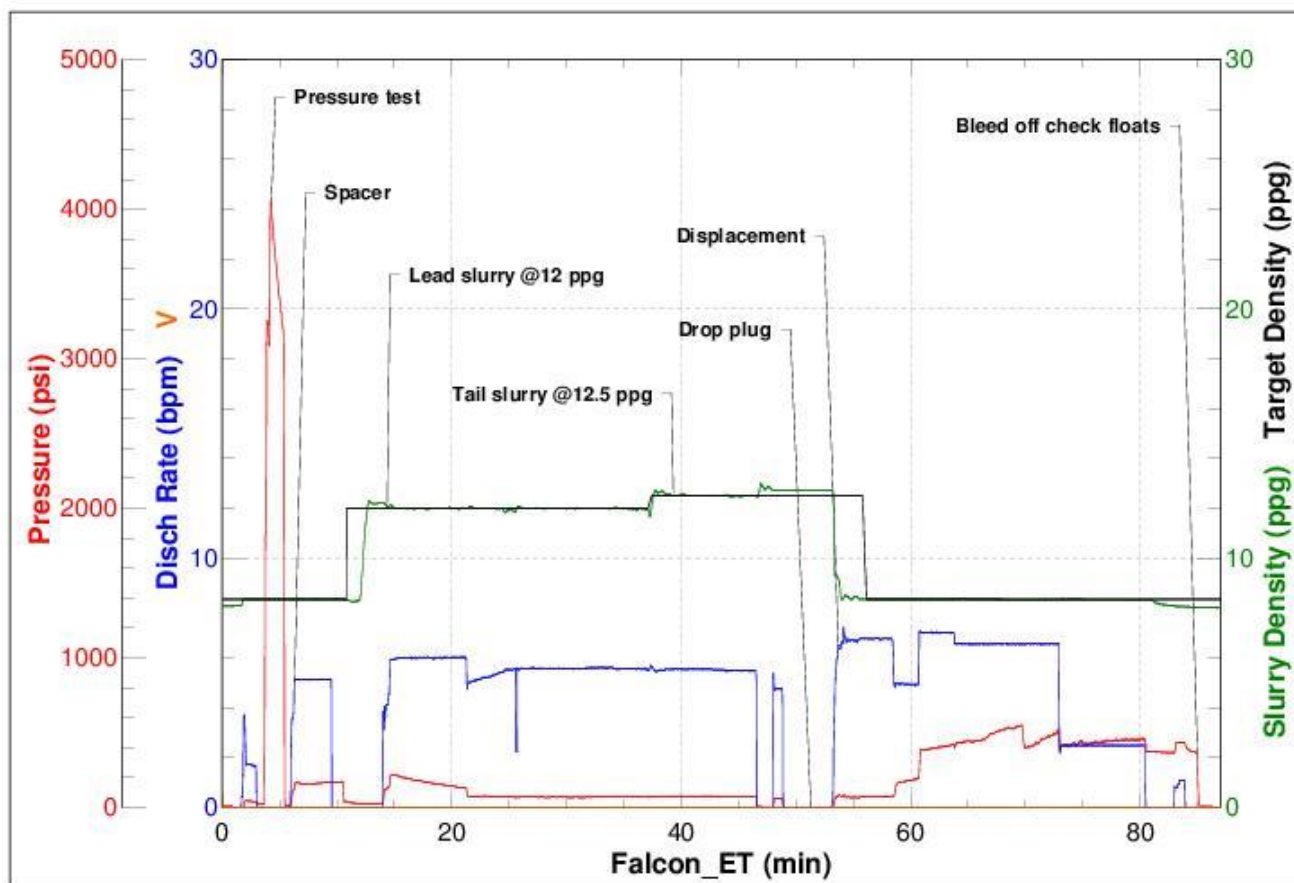


3 Water Analysis

Metrics	Value	Recommended
Water Source	Upright Rig Tank	
Temperature	50 °F	50-80 °F
pH Level	7	5.5-8.5
Chlorides	0 mg/L	0-3000 mg/L
Total Alkalinity	400	0-1000
Total Hardness	>250 mg/L	0-500 mg/L
Carbonates	0 mg/L	0-100 mg/L
Sulfates	<500 mg/L	0-1500 mg/L
Potassium	200 mg/L	0-3000 mg/L
Iron	0 mg/L	0-300 mg/L

4 Pump Diagrams

Job Number: 723
Customer: Petro Share
Well Name: Shook 3-10-2NCH



Job Start: Sunday, April 16, 2017