

1.2 Job Overview

Job Details	
API #:	05-123-51901-00
City, County:	Weld
SO#:	909424258

Job Times		
	Date (mm/dd/yyyy)	Time (hh:mm)
Requested Time On Location:	06/29/2024	19:30
Called Out Time:	06/29/2024	13:30
Arrived On Location:	06/29/2024	18:30
Job Started:	06/29/2024	22:30
Job Completed:	06/30/2024	02:27
Departed Location:	06/30/2024	03:30

	Description	Units	Value
1	Surface temperature at the time of the job	degree F	65
2	Mud type (OBM, WBM, Synthetic, Water, Brine)	-	OBM
3	Mud density	ppg	9.7
4	Casing set depth (shoe)	ft	17359
5	TVD	ft	7226
6	Float collar depth	ft	17314
7	Length of rate hole	ft	14
8	Previous casing shoe depth	ft	1885
9	Pre-job mud circulation time	hh:mm	2:00
10	Pre-job mud circulation rate	bpm	10

11	Pre-job mud circulation volume	bbls	1350
12	Mud circulation pressure at start of cement	psi	1710
13	Annual flow before the start of job	Y/N	N
14	Pipe movement during cement job	Y/N	N
15	Calculated displacement	bbls	402
16	Job displaced by	Rig/HES	HES
17	Estimated returns % during job	%	98
18	Fluid returns to surface	Spacer/Cement, bbls	Spacer, 10bbls
19	Final circulation pressure, rate prior to plug bump	psi @ bpm	2200psi @4bpm
20	Number of Centralizers	-	260
21	Number of bottom plugs	-	2
22	Number of trucks used preparing/during job	-	7
23	Add hours? If Yes, put #	Y/N and hours	0
24	NPT? If Yes, put #	Y/N and hours	N

1.3 Water Field Test

	Recorded Value	Unit	Acceptable Limit	Potential Problems if Values Exceed the Limit
pH	7		6.0 - 8.0	Chemicals in water can cause severe retardation
Temperature	68	F	60 - 80 F	Can can pre-mature setting of cement
Chlorides	<3000ppm	ppm	3000 ppm	Can shorten thickening time

1.4 Actual Pump Schedule

Stage 1

	Density (ppg)	Volume (bbls)	Yield (ft3/sk)	Water Requirement (gal/sk)	Bulk Sacks (sks)	Total Water (gals)
Spacer Fluid	10.5	80	3.372	22.16	133	2952
Lead Cement	13	223.7	1.55	7.39	805	5949
Tail Cement	13.2	289	1.98	9.48	820	7773
Top Plug	1					
Displacement Fluid	8.33	402				16884

2.0 Real-Time Job Summary

2.1 Job Event Log

Seq No.	Activity	Date	Time	Comments
1	Call Out	6/29/2024	13:30:00	Called out by service coordinator for OL time of 0800.
2	Pre-Convoy Safety Meeting	6/29/2024	17:15:00	Discuss all hazards associated with journey, directions to destination, complete journey management if needed, and ensure all convoy is fit for duty.
3	Depart from Service Center or Other Site	6/29/2024	17:30:00	Depart from service center or other job site.
4	Arrive at Location from Service Center	6/29/2024	18:30:00	Upon arrival to location, signed in with onsite safety personnel. Met with company man and discussed job specific requirements and specifications.
5	Other	6/29/2024	18:45:00	Mix water test results- PH-7, Chlo-0, Temp-65F.
6	Pre-Rig Up Safety Meeting	6/29/2024	19:00:00	Held pre rig up JSA for hazards, hazard hunt with crew, and discussed plan for spotting equipment and rigging up lines for job. Discussed muster points and closest emergency location as well as coordinates.
7	Rig-Up Equipment	6/29/2024	19:15:00	Begin rig up with crew.
8	Rig-Up Completed	6/29/2024	20:00:00	Complete rig up for job to nearest point before red zone.
9	Safety Meeting - Pre Job	6/29/2024	22:00:00	Held job specific hazards as well as confirming job procedure with co man and rest of crew associated with job.
10	Start Job	6/29/2024	22:34:34	TD-17373', TP-17359' 5.5" 17#, FC-17314', TVD-7226', SURF-1885' 8.625" 32#, OH-7.875" MUD-9.7#
11	Check Weight	6/29/2024	22:42:39	Weight verified with pressurized mud scales.

12	Pump Spacer	6/29/2024	22:45:41	Pumped 133sks or 80bbls Tuned Prime 10.5# 3.372y 22.16g/s with 20g D-Air at 8bpm 340psi
13	Drop Bottom Plug	6/29/2024	23:07:21	Dropped by HES supervisor, witnessed by company man.
14	Pump Lead Cement	6/29/2024	23:08:26	Pumped 805sks or 223.7bbls IsoBond 13# 1.56y 7.39g/s w/20g D-air at 8bpm 612psi.
15	Pump Tail Cement	6/29/2024	23:45:52	Pumped 820sks or 289bbls 13.2# 1.98y 9.48g/s Neocem at 8bpm 900psi.
16	Check Weight	6/29/2024	23:51:55	Weight verified with pressurized mud scales.
17	Clean Lines	6/30/2024	00:30:38	Shutdown and washed up through lines and down wash up line to pits until clean water was seen. Pumped total of 20bbls to clean truck and lines
18	Other	6/30/2024	00:41:22	Pumped 2bbls fresh water ahead of top plug for wet shoe at 3bpm.
19	Drop Top Plug	6/30/2024	00:42:16	Dropped by HES supervisor, witnessed by company man.
20	Pump Displacement	6/30/2024	00:42:30	Pumped 402bbls fresh water with 10g MMCR in first 20bbls and 10gal MCMX and HES 5gal Biocide barroid supplied.
21	Bump Plug	6/30/2024	01:40:06	Slowed down to 4bpm at 382bbls away, final circulating pressure- 2200psi, Bump pressure-3200psi. Held for 15min pressure test.
22	Other	6/30/2024	01:55:39	Released pressure and got 5bbls fresh water to truck, floats held. Got 10bbls interface spacer to surface. Estimated TOL-2080' TOT-9300'.
23	End Job	6/30/2024	02:22:27	
24	Pre-Rig Down Safety Meeting	6/30/2024	02:25:00	Held safety meeting with crew prior to rig down, discussed possibility of trapped pressure, swing radius, slips trips and falls, pinch points and risks associated with rig down.
25	Rig Down Lines	6/30/2024	02:45:00	Begin rig down
26	Pre-Convoy Safety Meeting	6/30/2024	03:15:00	Held safety meeting with convoy, discussed trip hazards, directions and all crew fit for duty prior to departure.

27	Rig-Down Completed	6/30/2024	03:15:00	Rig down complete with no injuries, spills, or damage to equipment.
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28	Depart Location for Service Center or Other Site	6/30/2024	03:30:00	Depart location if applicable journey will be submitted.
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3.0 Attachments

3.1 CAMENISCH 33-2HZ-Oxy Camenisch 33-2HZ Production.png

