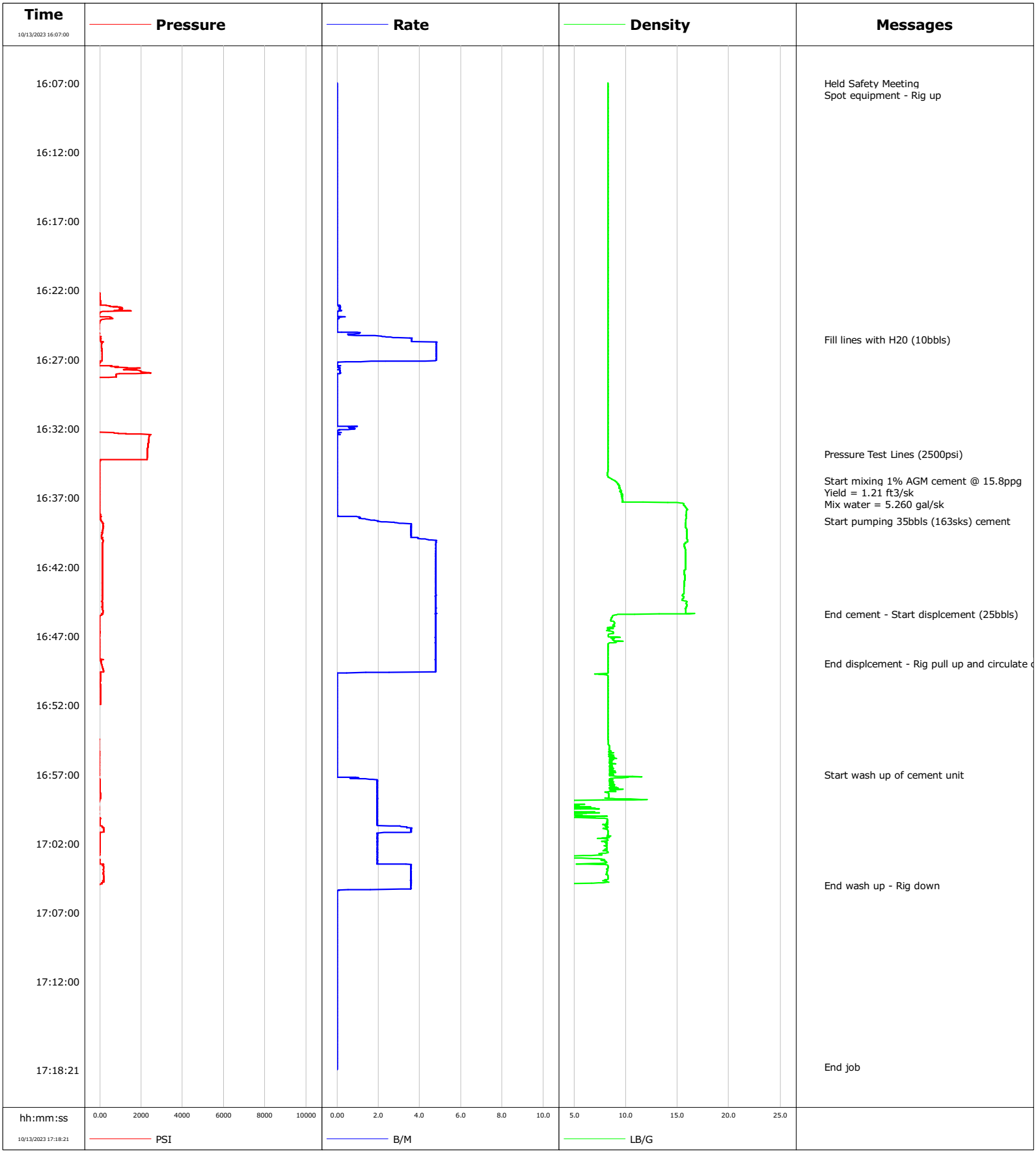
Schlumberger

Cementing Job Report

Well	UPRR 43 PAN AM C 1	**Client**	OXY Petroleum
Field	Wattenberg	**SIR No.**	EOIC-02230
Engineer	Dustin Krueger	**Job Type**	40 hr Plug Blitz #1
Country	United States	**Job Date**	10-13-2023



Schlumberger

Cementing Service Report

Customer	Job Number
OXY Petroleum	EOIC-02230

Well	Location (legal)	Schlumberger Location	Job Start
UPRR 43 PAN AM C 1	40.016708, -104.954364	Windsor, Colorado	Oct/13/2023

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Wattenberg		deg	in	8478.0 ft	8478.0 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
Weld	Colorado	psi	90 degF	80 degF	lb/gal

Well Master	API/UWI
Requested	05-123-07235

Rig Name	Drilled For	Service Via
Ensign 122	Oil & Gas	Land

Offshore Zone	Well Class	Well Type
	Old	Re-entry

Drilling Fluid Type	Max. Density	Plastic Viscosity
	lb/gal	cP

Service Line	Job Type
Cementing	40 hr Plug Blitz #1

Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection
psi	psi	

Service Instructions

Pressure Test: 2500psi
Estimated BOC = 2315' ; Estimated TOC = 1950'
Cement Type Density = 1% AGM @ 15.8 ppg
Volume = 35bbl ; Sacks = 163sks
Yield = 1.21 ft3/sk ; GPS = 5.26
Water: Temp 71;Cl <500 ; pH 7

D907 (G Cement) = 94 lbs/sk WBWOB /// B547 (GASBLOK) = .4% BWOB
D053 (Extender) = 4% BWOB /// S001 (Accelerator) = 1% BWOB

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
0.0	0.0			
0.0	0.0			

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
D	2315.0	4.5	16.6	N/A	N/A
	0.0	0.0	0.0		

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter
ft	ft			in

Treat Down	Displacement	Packer Type	Packer Depth
Drill Pipe	25.0 bbl		ft

Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
bbl	bbl	bbl	bbl

Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement
X	X

Lift Pressure	psi

Pipe Rotated	Pipe Reciprocated
☐	☐

No. Centralizers	Top Plugs	Bottom Plugs

Cement Head Type

Job Scheduled For	Arrived on Location	Leave Location
Oct/13/2023 12:00	Oct/13/2023 12:00	Oct/13/2023 18:00

Casing Tools		Squeeze Job	
Shoe Type		Squeeze Type	
Shoe Depth	ft	Tool Type	
Stage Tool Type		Tool Depth	ft
Stage Tool Depth	ft	Tail Pipe Size	in
Collar Type		Tail Pipe Depth	ft
Collar Depth	ft	Sqz. Total Vol.	bbl

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/13/2023	16:07:00	-65	0.0	8.28	0.0	Started Acquisition
10/13/2023	16:07:02	-65	0.0	8.28	0.0	Held Safety Meeting
10/13/2023	16:08:40	-65	0.0	8.28	0.0	
10/13/2023	16:10:20	-65	0.0	8.28	0.0	
10/13/2023	16:12:00	-65	0.0	8.28	0.0	
10/13/2023	16:13:40	-65	0.0	8.28	0.0	
10/13/2023	16:15:20	-65	0.0	8.28	0.0	
10/13/2023	16:17:00	-65	0.0	8.28	0.0	
10/13/2023	16:18:40	-65	0.0	8.28	0.0	
10/13/2023	16:20:20	-65	0.0	8.28	0.0	
10/13/2023	16:22:00	-65	0.0	8.28	0.0	
10/13/2023	16:23:40	-15	0.0	8.28	0.1	
10/13/2023	16:25:20	-24	2.2	8.27	0.4	
10/13/2023	16:25:31	27	3.6	8.28	0.9	Fill lines with H20 (10bbls)
10/13/2023	16:27:00	114	4.8	8.28	7.7	
10/13/2023	16:28:40	-60	0.0	8.28	8.5	
10/13/2023	16:30:20	-65	0.0	8.28	8.5	
10/13/2023	16:32:00	-51	0.9	8.28	8.6	
10/13/2023	16:33:40	2311	0.0	8.28	8.7	
10/13/2023	16:33:49	2302	0.0	8.28	8.7	Pressure Test Lines (2500psi)
10/13/2023	16:35:20	-1	0.0	8.25	8.7	

Well	Field	Job Start	Customer	Job Number
UPRR 43 PAN AM C 1	Wattenberg	Oct/13/2023	OXY Petroleum	EOIC-02230

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/13/2023	16:35:56	-1	0.0	9.17	8.7	Yield = 1.21 ft3/sk
10/13/2023	16:36:04	-1	0.0	9.25	8.7	Mix water = 5.260 gal/sk
10/13/2023	16:37:00	-1	0.0	9.62	8.7	
10/13/2023	16:38:40	86	1.9	15.82	9.1	
10/13/2023	16:38:41	63	2.0	15.82	9.1	Start pumping 35bbls (163sks) cement
10/13/2023	16:40:20	141	4.8	15.71	15.2	
10/13/2023	16:42:00	132	4.8	15.78	23.2	
10/13/2023	16:43:40	118	4.8	15.65	31.2	
10/13/2023	16:45:20	150	4.8	15.84	39.2	
10/13/2023	16:45:24	146	4.8	13.27	39.5	End cement - Start displcement (25bbls)
10/13/2023	16:47:00	-19	4.8	8.32	47.2	
10/13/2023	16:48:40	-10	4.8	8.28	55.2	
10/13/2023	16:49:00	77	4.8	8.28	56.8	End displcement - Rig pull up and circulate clean
10/13/2023	16:50:20	22	0.0	8.28	59.8	
10/13/2023	16:52:00	-65	0.0	8.28	59.8	
10/13/2023	16:53:40	-60	0.0	8.28	59.8	
10/13/2023	16:55:20	-19	0.0	8.47	59.8	
10/13/2023	16:57:00	-47	0.0	8.42	59.8	Start wash up of cement unit
10/13/2023	16:58:40	31	1.9	8.36	62.5	
10/13/2023	17:00:20	17	1.9	8.25	65.8	
10/13/2023	17:00:20	13	1.9	8.25	65.8	
10/13/2023	17:02:00	4	2.0	8.12	69.7	
10/13/2023	17:03:40	187	3.6	8.30	73.3	
10/13/2023	17:05:00	-47	3.6	0.26	78.1	End wash up - Rig down
10/13/2023	17:05:20	-60	1.6	2.67	79.2	
10/13/2023	17:07:00	-65	0.0	0.01	79.3	
10/13/2023	17:08:40	-3750	0.0	-6.25	79.3	
10/13/2023	17:10:20	-3750	0.0	-6.25	79.3	
10/13/2023	17:12:00	-3750	0.0	-6.25	79.3	
10/13/2023	17:13:40	-3750	0.0	-6.25	79.3	
10/13/2023	17:15:20	-3750	0.0	-6.25	79.3	
10/13/2023	17:17:00	-3750	0.0	-6.25	79.3	

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.4			4.9	35.0	0.0	10.0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2466	0	353			FreshWater	20.4 bbl	8.34 lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume
%	35.0 bbl	25.0 bbl	71 degF	☐	bbl
				Washed Thru Perfs ☐	To ft

Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed
Jeremy Duty	Dustin Krueger	☐ -	☒ -

Schlumberger

Cementing Service Report

Customer	Job Number
OXY Petroleum	EOIC-02230

Well	Location (legal)	Schlumberger Location	Job Start
UPRR 43 PAN AM C 1	40.016708, -104.954364	Windsor, Colorado	Oct/13/2023

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Wattenberg		deg	in	8478.0 ft	8478.0 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
Weld	Colorado	psi	90 degF	80 degF	lb/gal
Well Master Requested	**API/UWI** 05-123-07235				

Rig Name	Drilled For	Service Via
Ensign 122	Oil & Gas	Land

Offshore Zone	Well Class	Well Type
	Old	Re-entry

Drilling Fluid Type	Max. Density	Plastic Viscosity
	lb/gal	cP

Service Line	Job Type
Cementing	40 hr Plug Blitz # 2

Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection
psi	psi	

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
0.0	0.0			
0.0	0.0			

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
D	1959.0	4.5	16.6	N/A	N/A
	0.0	0.0	0.0		

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter in
ft	ft			

Treat Down	Displacement	Packer Type	Packer Depth
Drill Pipe	15.0 bbl		ft

Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
bbl	bbl	bbl	bbl

Service Instructions

Pressure Test: 2500psi
Estimated BOC = 1959' ; Estimated TOC = 1000'
Cement Type Density = 1% AGM @ 15.8 ppg
Volume = 59.1bbl ; Sacks = 274sks
Yield = 1.21 ft3/sk ; GPS = 5.26
Water: Temp 71;Cl <500 ; pH 7

D907 (G Cement) = 94 lbs/sk WBWOB /// B547 (GASBLOK) = .4% BWOB
D053 (Extender) = 4% BWOB /// S001 (Accelerator) = 1% BWOB

Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement	Casing Tools	Squeeze Job
[x]	[x]		

Lift Pressure	psi	Shoe Type	Squeeze Type
Pipe Rotated	[ ] Pipe Reciprocated [ ]	Shoe Depth ft	Tool Type
No. Centralizers	Top Plugs / Bottom Plugs	Stage Tool Type	Tool Depth ft
Cement Head Type		Stage Tool Depth ft	Tail Pipe Size in
		Collar Type	Tail Pipe Depth ft
		Collar Depth ft	Sqz. Total Vol. bbl

Job Scheduled For	Arrived on Location	Leave Location
Oct/13/2023 18:00	Oct/13/2023 18:00	Oct/14/2023 04:00

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/14/2023	02:35:31	-83	0.0	-0.00	0.0	Started Acquisition
10/14/2023	02:37:11	-83	0.0	-0.00	0.0	
10/14/2023	02:37:11	-83	0.0	-0.00	0.0	
10/14/2023	02:37:47	-83	0.0	-0.00	0.0	Held Safety Meeting
10/14/2023	02:38:51	-88	0.0	-0.00	0.0	
10/14/2023	02:40:31	-83	0.0	-0.00	0.0	
10/14/2023	02:42:11	-24	0.0	8.26	0.0	
10/14/2023	02:43:51	45	0.0	8.27	0.0	
10/14/2023	02:44:15	27	0.0	8.28	0.0	Fill lines with H20
10/14/2023	02:45:31	2517	0.0	8.28	0.0	
10/14/2023	02:45:42	2503	0.0	8.28	0.0	Pressure Test Lines (2500psi)
10/14/2023	02:46:42	-10	0.0	8.28	0.0	Start mixing 1% AGM cement @ 15.8 ppg
10/14/2023	02:47:00	-15	0.0	8.88	0.0	Yield = 1.21 ft3/sk
10/14/2023	02:47:11	-19	0.0	10.29	0.0	
10/14/2023	02:47:30	-24	0.0	8.86	0.0	Mix water = 5.260 gal/sk
10/14/2023	02:48:51	-38	0.0	16.39	0.0	
10/14/2023	02:50:31	27	0.0	15.84	0.0	
10/14/2023	02:50:44	-10	0.0	15.98	0.0	Start pumping 59.1bbls (274 sks) cement
10/14/2023	02:52:11	104	3.6	15.56	4.4	
10/14/2023	02:53:51	146	4.8	15.52	11.2	
10/14/2023	02:55:31	136	4.8	15.61	19.2	

Well	Field	Job Start	Customer	Job Number
UPRR 43 PAN AM C 1	Wattenberg	Oct/13/2023	OXY Petroleum	EOIC-02230

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/14/2023	02:58:51	127	4.8	15.58	35.2	
10/14/2023	03:00:31	114	4.8	15.81	43.2	
10/14/2023	03:02:11	-19	1.9	15.86	46.7	
10/14/2023	03:03:20	59	3.6	16.98	50.2	End cement - Start Displcment (15bbls)
10/14/2023	03:03:51	-19	3.6	8.43	52.0	
10/14/2023	03:05:31	-79	0.0	8.31	52.2	
10/14/2023	03:07:11	-83	1.2	8.44	52.2	
10/14/2023	03:08:51	127	3.6	8.27	55.6	
10/14/2023	03:10:20	4	0.7	8.28	60.9	End displcement - Rig pull up
10/14/2023	03:10:31	-70	0.0	8.28	60.9	
10/14/2023	03:12:11	-74	0.0	8.27	60.9	
10/14/2023	03:13:51	-74	0.0	8.80	60.9	
10/14/2023	03:15:31	-79	0.0	8.31	60.9	
10/14/2023	03:16:38	-56	0.2	8.73	60.9	Start wash up of cement unit
10/14/2023	03:17:11	13	1.9	8.37	62.2	
10/14/2023	03:18:51	-70	1.9	1.26	65.4	
10/14/2023	03:20:31	-56	1.9	6.17	68.7	
10/14/2023	03:22:11	-15	3.6	8.28	72.1	
10/14/2023	03:23:40	-79	0.1	0.52	77.5	End wash up - Rig down
10/14/2023	03:23:51	-74	0.0	0.02	77.5	
10/14/2023	03:25:31	-74	0.0	0.01	77.5	
10/14/2023	03:27:11	-79	0.0	0.01	77.5	
10/14/2023	03:28:51	-79	0.0	0.01	77.5	
10/14/2023	03:30:31	-74	1.1	0.01	77.6	
10/14/2023	03:32:11	-79	0.1	-0.00	86.4	
10/14/2023	03:33:51	-79	0.0	-0.00	86.4	
10/14/2023	03:35:31	-79	0.0	-0.00	86.4	
10/14/2023	03:37:11	-79	0.0	-0.00	86.4	
10/14/2023	03:38:51	-79	0.0	-0.00	86.4	
10/14/2023	03:40:31	-79	0.0	-0.00	86.4	

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.4			6.9	59.1	0.0	0.0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2549	0	306			FreshWater	34.3 bbl	8.34 lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	bbl
%	59.1 bbl	15.0 bbl	71 degF	☐		
				Washed Thru Perfs ☐	To	ft

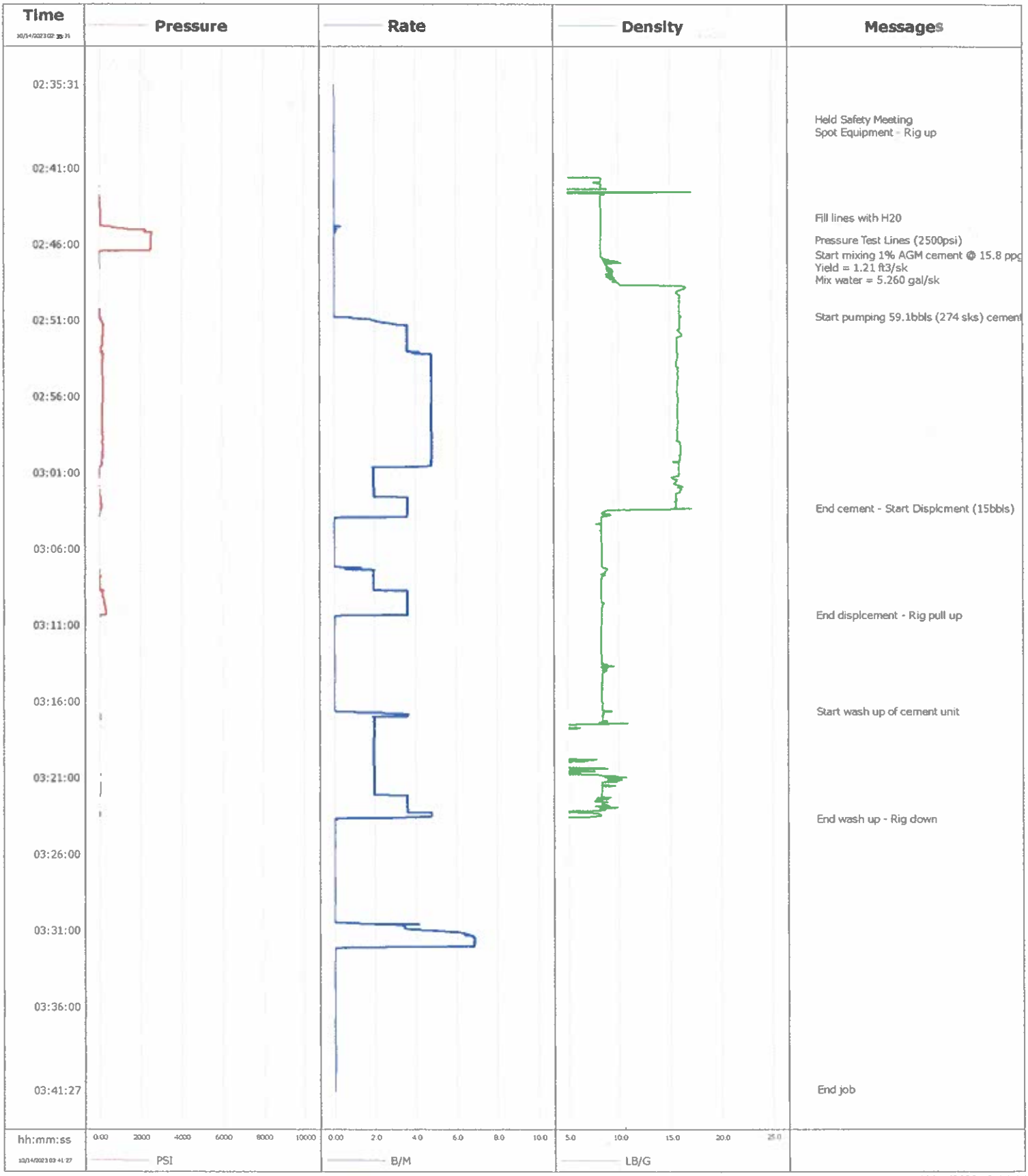
Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed
Isaac Rulla	Dustin Krueger	-	-

Schlumberger

Cementing Job Report

CemCAT v1.7

Well	UPRR 43 PAN AM C 1	**Client**	OXY Petroleum
Field	Wattenberg	**SIR No.**	EOIC-02230
Engineer	Dustin Krueger	**Job Type**	40 hr Plug Blitz # 2
Country	United States	**Job Date**	10-14-2023



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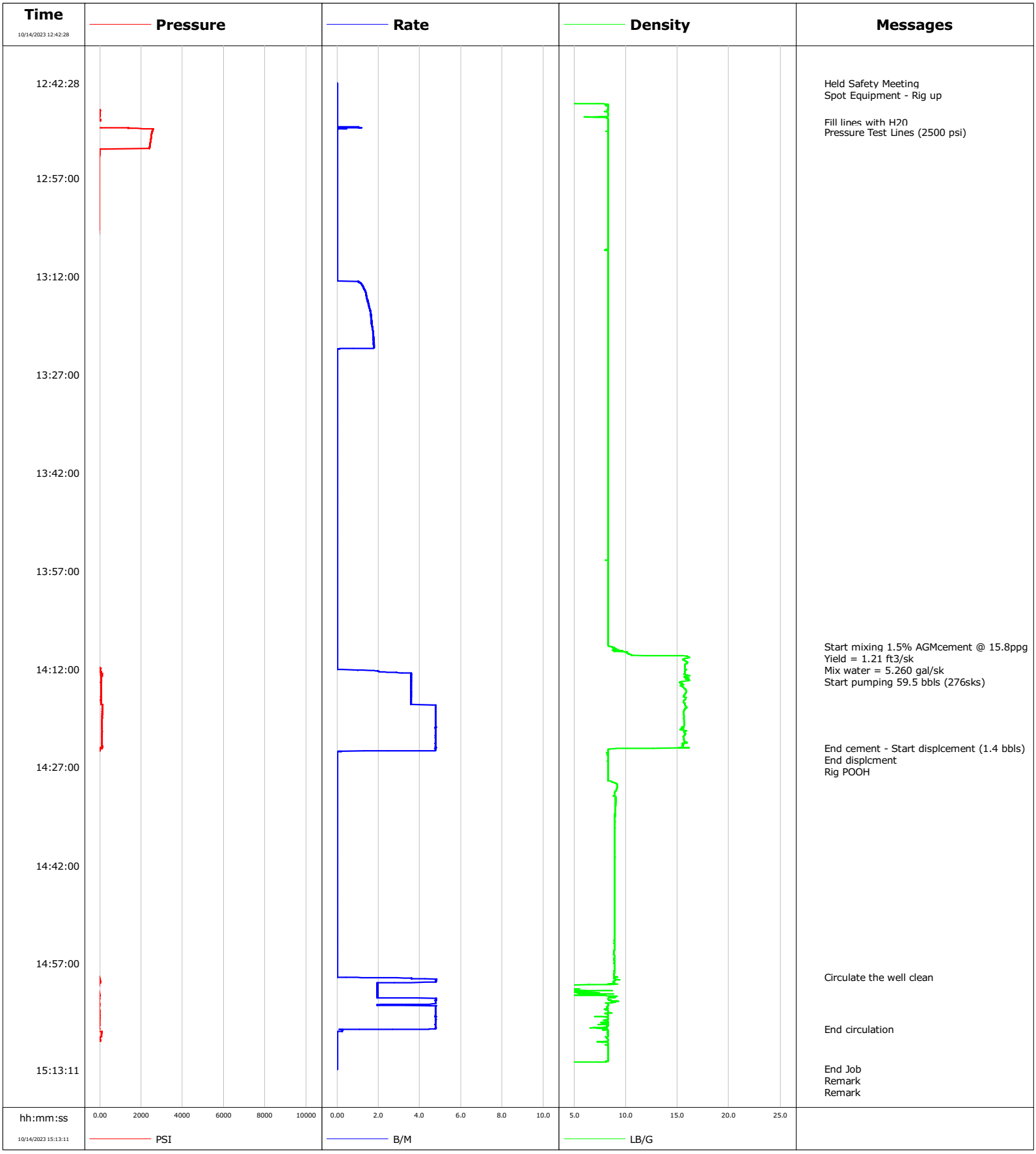
Schlumberger

Cementing Job Report

Well	UPRR 43 PAN AM C 1	**Client**	OXY Petroleum
Field	Wattenberg	**SIR No.**	EOIC-02230
Engineer	Dustin Krueger	**Job Type**	40 hr Plug Blitz # 3
Country	United States	**Job Date**	10-14-2023



Schlumberger

Cementing Service Report

Customer	Job Number
OXY Petroleum	EOIC-02230

Well	Location (legal)	Schlumberger Location	Job Start
UPRR 43 PAN AM C 1	40.016708, -104.954364	Windsor, Colorado	Oct/14/2023

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Wattenberg		deg	in	8478.0 ft	8478.0 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
Weld	Colorado	psi	90 degF	80 degF	lb/gal

Well Master	API/UWI
Requested	05-123-07235

Rig Name	Drilled For	Service Via
Ensign 122	Oil & Gas	Land

Offshore Zone	Well Class	Well Type
	Old	Re-entry

Drilling Fluid Type	Max. Density	Plastic Viscosity
	lb/gal	cP

Service Line	Job Type
Cementing	40 hr Plug Blitz # 3

Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection
psi	psi	

Service Instructions

Pressure Test: 2500psi
Estimated BOC = 890' ; Estimated TOC = 100'
Cement Type Density = 1.5% AGM @ 15.8 ppg
Volume = 59.5bbl ; Sacks = 276sks
Yield = 1.21 ft3/sk ; GPS = 5.26
Water: Temp 71;Cl <500 ; pH 7

D907 (G Cement) = 94 lbs/sk WBWOB /// B547 (GASBLOK) = .4% BWOB
D053 (Extender) = 4% BWOB /// S001 (Accelerator) = 1.5% BWOB

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
0.0	0.0			
0.0	0.0			

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
D	890.0	4.5	16.6	N/A	N/A
	0.0	0.0	0.0		

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter
ft	ft			in

Treat Down	Displacement	Packer Type	Packer Depth
Drill Pipe	1.4 bbl		ft

Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
bbl	bbl	bbl	bbl

Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement
X	X

Lift Pressure	psi

Pipe Rotated	Pipe Reciprocated
☐	☐

No. Centralizers	Top Plugs	Bottom Plugs

Cement Head Type

Job Scheduled For	Arrived on Location	Leave Location
Oct/14/2023 12:30	Oct/14/2023 12:30	Oct/14/2023 15:00

Casing Tools		Squeeze Job	
Shoe Type		Squeeze Type	
Shoe Depth	ft	Tool Type	
Stage Tool Type		Tool Depth	ft
Stage Tool Depth	ft	Tail Pipe Size	in
Collar Type		Tail Pipe Depth	ft
Collar Depth	ft	Sqz. Total Vol.	bbl

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/14/2023	12:42:28	-70	0.0	-0.00	0.0	Started Acquisition
10/14/2023	12:42:29	-70	0.0	-0.00	0.0	Held Safety Meeting
10/14/2023	12:44:08	-70	0.0	-0.00	0.0	
10/14/2023	12:45:48	-70	0.0	8.30	0.0	
10/14/2023	12:47:28	22	0.0	8.28	0.0	
10/14/2023	12:48:28	-56	0.0	8.28	0.0	Fill lines with H20
10/14/2023	12:49:08	-56	0.0	8.28	0.0	
10/14/2023	12:49:58	2531	0.0	8.28	0.2	Pressure Test Lines (2500 psi)
10/14/2023	12:50:48	2476	0.0	8.28	0.2	
10/14/2023	12:52:28	2407	0.0	8.28	0.2	
10/14/2023	12:54:08	-28	0.0	8.28	0.2	
10/14/2023	12:55:48	-33	0.0	8.28	0.2	
10/14/2023	12:57:28	-38	0.0	8.28	0.2	
10/14/2023	12:59:08	-42	0.0	8.28	0.2	
10/14/2023	13:02:28	-47	0.0	8.28	0.2	
10/14/2023	13:04:08	-47	0.0	8.27	0.2	
10/14/2023	13:05:48	-51	0.0	8.27	0.2	
10/14/2023	13:07:28	-51	0.0	8.27	0.2	
10/14/2023	13:09:08	-51	0.0	8.28	0.2	
10/14/2023	13:10:48	-51	0.0	8.27	0.2	
10/14/2023	13:12:28	-70	0.0	8.27	0.2	

Well	Field	Job Start	Customer	Job Number
UPRR 43 PAN AM C 1	Wattenberg	Oct/14/2023	OXY Petroleum	EOIC-02230

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/14/2023	13:15:48	-70	1.5	8.28	4.2	
10/14/2023	13:17:28	-65	1.6	8.28	6.8	
10/14/2023	13:19:08	-70	1.7	8.28	9.6	
10/14/2023	13:20:48	-70	1.8	8.28	12.4	
10/14/2023	13:22:28	-70	1.8	8.28	15.4	
10/14/2023	13:24:08	-60	0.0	8.28	16.4	
10/14/2023	13:27:28	-60	0.0	8.28	16.4	
10/14/2023	13:29:08	-60	0.0	8.28	16.4	
10/14/2023	13:30:48	-65	0.0	8.28	16.4	
10/14/2023	13:32:28	-65	0.0	8.28	16.4	
10/14/2023	13:34:08	-65	0.0	8.28	16.4	
10/14/2023	13:35:48	-65	0.0	8.28	16.4	
10/14/2023	13:37:28	-65	0.0	8.28	16.4	
10/14/2023	13:39:08	-65	0.0	8.28	16.4	
10/14/2023	13:40:48	-65	0.0	8.28	16.4	
10/14/2023	13:42:28	-65	0.0	8.28	16.4	
10/14/2023	13:44:08	-65	0.0	8.28	16.4	
10/14/2023	13:45:48	-65	0.0	8.28	16.4	
10/14/2023	13:47:28	-65	0.0	8.28	16.4	
10/14/2023	13:49:08	-65	0.0	8.28	16.4	
10/14/2023	13:50:48	-65	0.0	8.28	16.4	
10/14/2023	13:52:28	-65	0.0	8.28	16.4	
10/14/2023	13:54:08	-65	0.0	8.28	16.4	
10/14/2023	13:55:48	-65	0.0	8.28	16.4	
10/14/2023	13:57:28	-65	0.0	8.28	16.4	
10/14/2023	13:59:08	-65	0.0	8.28	16.4	
10/14/2023	14:00:48	-65	0.0	8.28	16.4	
10/14/2023	14:02:28	-65	0.0	8.28	16.4	
10/14/2023	14:04:08	-65	0.0	8.28	16.4	
10/14/2023	14:05:48	-65	0.0	8.28	16.4	
10/14/2023	14:07:28	-65	0.0	8.28	16.4	
10/14/2023	14:08:32	-65	0.0	8.43	16.4	Start mixing 1.5% AGMcement @ 15.8ppg
10/14/2023	14:08:56	-65	0.0	9.01	16.4	Yield = 1.21 ft3/sk
10/14/2023	14:09:08	-65	0.0	8.73	16.4	
10/14/2023	14:09:14	-65	0.0	9.18	16.4	Mix water = 5.260 gal/sk
10/14/2023	14:10:48	-70	0.0	15.82	16.4	
10/14/2023	14:12:06	-24	0.3	15.88	16.5	Start pumping 59.5 bbls (276sks)
10/14/2023	14:12:28	17	2.3	15.76	17.1	
10/14/2023	14:14:08	59	3.6	15.25	23.0	
10/14/2023	14:15:48	54	3.6	15.76	28.9	
10/14/2023	14:19:08	118	4.8	15.63	42.9	
10/14/2023	14:20:48	118	4.8	15.61	50.9	
10/14/2023	14:22:28	109	4.8	15.59	58.8	
10/14/2023	14:24:00	123	4.8	15.28	66.2	End cement - Start displcement (1.4 bbls)
10/14/2023	14:24:08	81	4.8	9.09	66.8	
10/14/2023	14:24:36	-88	0.2	8.28	68.6	End displcment
10/14/2023	14:25:00	-74	0.0	8.30	68.6	Rig POOH
10/14/2023	14:25:48	-65	0.0	8.30	68.6	
10/14/2023	14:27:28	-65	0.0	8.28	68.6	
10/14/2023	14:29:08	-65	0.0	8.59	68.6	
10/14/2023	14:30:48	-65	0.0	8.95	68.6	
10/14/2023	14:32:28	-65	0.0	9.02	68.6	
10/14/2023	14:34:08	-65	0.0	8.98	68.6	
10/14/2023	14:35:48	-65	0.0	8.95	68.6	

Well	Field	Job Start	Customer	Job Number
UPRR 43 PAN AM C 1	Wattenberg	Oct/14/2023	OXY Petroleum	EOIC-02230

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/14/2023	14:39:08	-65	0.0	8.96	68.6	
10/14/2023	14:40:48	-65	0.0	8.92	68.6	
10/14/2023	14:42:28	-65	0.0	8.92	68.6	
10/14/2023	14:44:08	-65	0.0	8.91	68.6	
10/14/2023	14:45:48	-65	0.0	8.91	68.6	
10/14/2023	14:47:28	-65	0.0	8.90	68.6	
10/14/2023	14:49:08	-65	0.0	8.89	68.6	
10/14/2023	14:50:48	-65	0.0	8.89	68.6	
10/14/2023	14:52:28	-65	0.0	8.90	68.6	
10/14/2023	14:54:08	-65	0.0	8.89	68.6	
10/14/2023	14:55:48	-65	0.0	8.89	68.6	
10/14/2023	14:57:28	-65	0.0	8.88	68.6	
10/14/2023	14:59:06	-51	0.4	8.99	68.6	Circulate the well clean
10/14/2023	14:59:08	-42	1.2	8.96	68.6	
10/14/2023	15:00:48	-56	1.9	4.40	73.7	
10/14/2023	15:02:28	-28	4.8	8.31	77.6	
10/14/2023	15:04:08	-15	4.8	8.27	85.1	
10/14/2023	15:05:48	-24	4.8	8.28	93.0	
10/14/2023	15:07:00	-15	4.5	8.25	98.8	End circulation
10/14/2023	15:07:28	100	0.0	8.28	99.0	
10/14/2023	15:09:08	-56	0.0	8.28	99.0	
10/14/2023	15:10:48	-65	0.0	8.28	99.0	
10/14/2023	15:12:28	-3750	0.0	-6.25	99.0	

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.1			4.9	59.5	0.0	0.0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2595	0	482			FreshWater	34.6 bbl	8.34 lb/gal

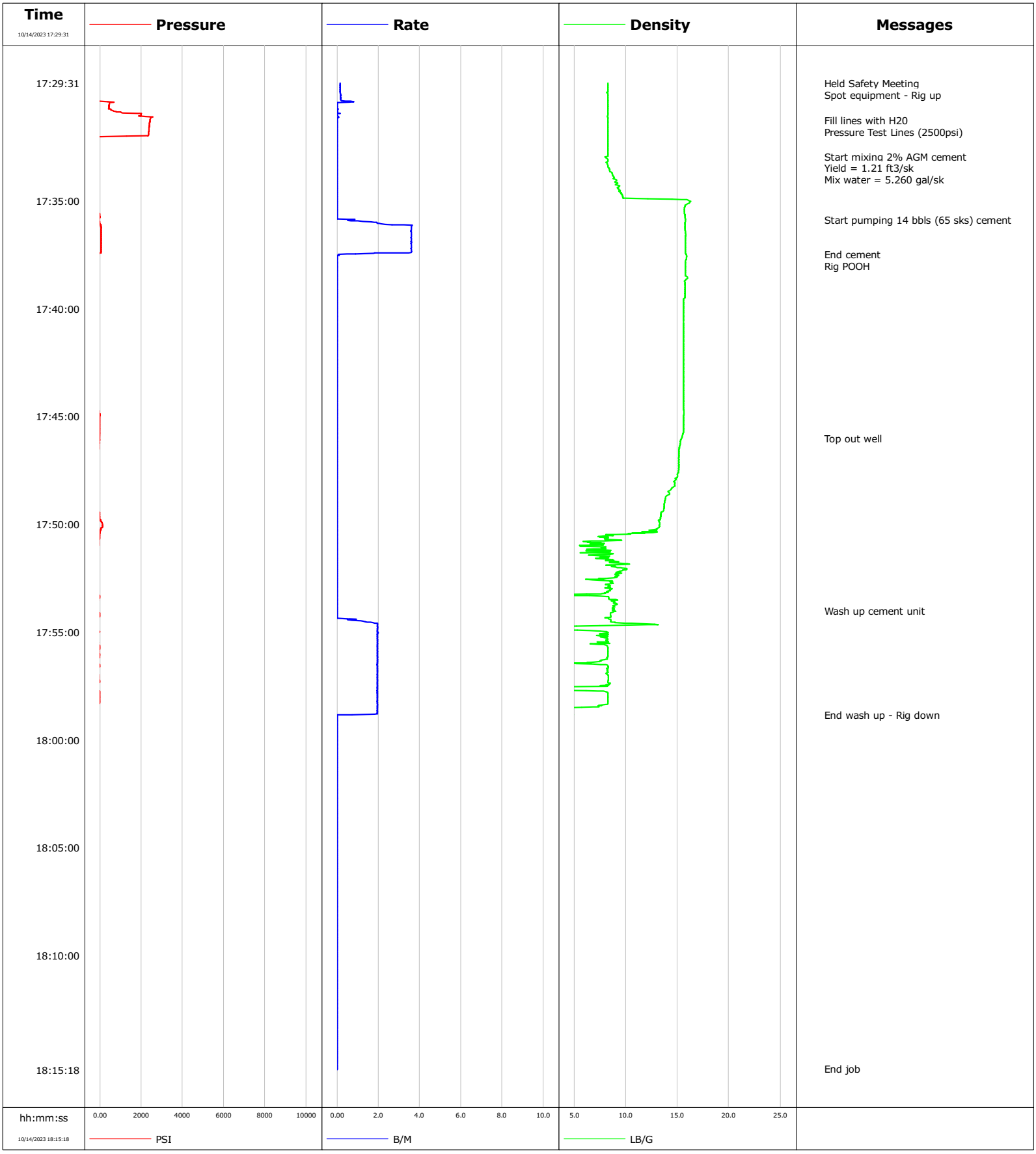
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume
%	59.5 bbl	1.4 bbl	71 degF	☐	bbl
				Washed Thru Perfs ☐	To ft

Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed
Jeremy Duty	Dustin Krueger	-	- ☒

Schlumberger

Cementing Job Report

Well	UPRR 43 PAN AM C 1	**Client**	OXY Petroleum
Field	Wattenberg	**SIR No.**	EOIC-02230
Engineer	Dustin Krueger	**Job Type**	40 hr Plug Blitz - # 4
Country	United States	**Job Date**	10-14-2023



Schlumberger

Cementing Service Report

Customer	Job Number
OXY Petroleum	EOIC-02230

Well	Location (legal)	Schlumberger Location	Job Start
UPRR 43 PAN AM C 1	40.016708, -104.954364	Windsor, Colorado	Oct/14/2023

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Wattenberg		deg	in	8478.0 ft	8478.0 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
Weld	Colorado	psi	90 degF	80 degF	lb/gal

Well Master	API/UWI
Requested	05-123-07235

Rig Name	Drilled For	Service Via
Ensign 122	Oil & Gas	Land

Offshore Zone	Well Class	Well Type
	Old	Re-entry

Drilling Fluid Type	Max. Density	Plastic Viscosity
	lb/gal	cP

Service Line	Job Type
Cementing	40 hr Plug Blitz - # 4

Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection
psi	psi	

Service Instructions

Pressure Test: 2500psi
Estimated BOC = 89' ; Estimated TOC = 0'
Cement Type Density = 2% AGM @ 15.8 ppg
Volume = 14bbl ; Sacks = 65sks
Yield = 1.21 ft3/sk ; GPS = 5.26
Water: Temp 71;Cl <500 ; pH 7

D907 (G Cement) = 94 lbs/sk WBWOB /// B547 (GASBLOK) = .4% BWOB
D053 (Extender) = 4% BWOB /// S001 (Accelerator) = 2% BWOB

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
0.0	0.0			
0.0	0.0			

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
D	89.0	4.5	16.6	N/A	N/A
	0.0	0.0	0.0		

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter
ft	ft			in

Treat Down	Displacement	Packer Type	Packer Depth
Drill Pipe	0.0 bbl		ft

Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
bbl	bbl	bbl	bbl

Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement
X	X

Lift Pressure	psi

Pipe Rotated	Pipe Reciprocated
☐	☐

No. Centralizers	Top Plugs	Bottom Plugs

Cement Head Type

Job Scheduled For	Arrived on Location	Leave Location
Oct/14/2023 18:00	Oct/14/2023 18:00	Oct/14/2023 20:00

Casing Tools		Squeeze Job	
Shoe Type		Squeeze Type	
Shoe Depth	ft	Tool Type	
Stage Tool Type		Tool Depth	ft
Stage Tool Depth	ft	Tail Pipe Size	in
Collar Type		Tail Pipe Depth	ft
Collar Depth	ft	Sqz. Total Vol.	bbl

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/14/2023	17:29:31	-60	0.2	8.28	0.0	Started Acquisition
10/14/2023	17:29:32	-60	0.2	8.28	0.0	Held Safety Meeting
10/14/2023	17:31:11	2448	0.0	8.27	0.2	
10/14/2023	17:31:14	2434	0.0	8.27	0.2	Fill lines with H20
10/14/2023	17:31:34	2393	0.0	8.28	0.2	Pressure Test Lines (2500psi)
10/14/2023	17:32:51	-60	0.0	8.27	0.2	
10/14/2023	17:32:57	-60	0.0	7.97	0.2	Start mixing 2% AGM cement
10/14/2023	17:33:27	-56	0.0	8.32	0.2	Yield = 1.21 ft3/sk
10/14/2023	17:34:31	-56	0.0	9.46	0.2	
10/14/2023	17:35:52	-28	0.9	15.81	0.2	Start pumping 14 bbls (65 sks) cement
10/14/2023	17:36:11	49	3.6	15.74	0.9	
10/14/2023	17:37:29	-51	0.1	15.89	5.4	End cement
10/14/2023	17:37:51	-65	0.0	15.79	5.4	
10/14/2023	17:38:00	-65	0.0	15.80	5.4	Rig POOH
10/14/2023	17:39:31	-70	0.0	15.68	5.4	
10/14/2023	17:41:11	-65	0.0	15.60	5.4	
10/14/2023	17:42:51	-65	0.0	15.61	5.4	
10/14/2023	17:44:31	-65	0.0	15.61	5.4	
10/14/2023	17:46:00	-28	0.0	15.43	5.4	Top out well
10/14/2023	17:46:11	-42	0.0	15.30	5.4	
10/14/2023	17:47:51	-70	0.0	14.88	5.4	

Well	Field	Job Start	Customer	Job Number
UPRR 43 PAN AM C 1	Wattenberg	Oct/14/2023	OXY Petroleum	EOIC-02230

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/14/2023	17:51:11	-56	0.0	7.66	5.4	
10/14/2023	17:52:51	-56	0.0	8.53	5.4	
10/14/2023	17:54:00	-70	0.0	8.70	5.4	Wash up cement unit
10/14/2023	17:54:31	-51	1.4	8.53	5.5	
10/14/2023	17:56:11	-19	1.9	8.20	8.7	
10/14/2023	17:57:51	-5	1.9	8.27	12.0	
10/14/2023	17:58:51	-65	0.0	4.94	13.9	End wash up - Rig down
10/14/2023	17:59:31	-65	0.0	0.01	13.9	
10/14/2023	18:01:11	-70	0.0	0.01	13.9	
10/14/2023	18:02:51	-65	0.0	0.01	13.9	
10/14/2023	18:06:11	-65	0.0	-0.00	13.9	
10/14/2023	18:07:51	-65	0.0	-0.00	13.9	
10/14/2023	18:09:31	-65	0.0	-0.00	13.9	
10/14/2023	18:11:11	-3750	0.0	-6.25	13.9	
10/14/2023	18:12:51	-3750	0.0	-6.25	13.9	
10/14/2023	18:14:31	-3750	0.0	-6.25	13.9	

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
1.9			3.7	8.0	0.0	0.0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2576	0	785			FreshWater	4.6 bbl	8.34 lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		
%	8.0 bbl	0.0 bbl	71 degF	Cement Circulated to Surface? [X]	Volume 2.0 bbl
				Washed Thru Perfs [ ]	To ft

Customer or Authorized Representative	Schlumberger Supervisor		
Jeremy Duty	Dustin Krueger	Circulation Lost [ ]	Job Completed [X]
		-	-