

HALLIBURTON

iCem[®] Service

CONOCO/PHILLIPS COMPANY EBUSINESS

Ft. Lupton District, CO

For: Jason Beach

Date: Tuesday, June 18, 2019

Reserve

Conoco Reserve 3-65 35-34 1DH Surface

Job Date: Tuesday, June 18, 2019

Sincerely,

Steve Markovich

Legal Notice

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The Road to Excellence Starts with Safety

Sold To #: 352431		Ship To #: 3958758		Quote #: 0022592526		Sales Order #: 0905770367					
Customer: CONOCO/PHILLIPS COMPANY-EBUS				Customer Rep: Jason Beach							
Well Name: RESERVE 3-65 35-34			Well #: 1DH		API/UWI #: 05-001-10456-00						
Field: WILDCAT		City (SAP): WATKINS		County/Parish: ADAMS		State: COLORADO					
Legal Description: NE NE-35-3S-65W-886FNL-541FEL											
Contractor:				Rig/Platform Name/Num: Nabors B16							
Job BOM: 7521 7521											
Well Type: HORIZONTAL OIL											
Sales Person: HALAMERICA/HB41307				Srv Supervisor: Steven Markovich							
Job											
Formation Name											
Formation Depth (MD)		Top		Bottom							
Form Type				BHST							
Job depth MD		2107ft		Job Depth TVD							
Water Depth				Wk Ht Above Floor							
Perforation Depth (MD)		From		To							
Well Data											
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft	
Casing		16	15.25				0	100	0	100	
Casing		9.625	8.921	36	STC	J-55	0	2107	0	2107	
Open Hole Section			13.5				100	2117	100	2117	
Tools and Accessories											
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make		
Guide Shoe	9.625			2107		Top Plug	9.625		HES		
Float Shoe	9.625					Bottom Plug	9.625		HES		
Float Collar	9.625					SSR plug set	9.625		HES		
Insert Float	9.625					Plug Container	9.625		HES		
Stage Tool	9.625					Centralizers	9.625		HES		
Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name			Qty	Qty UoM	Mixing Density lbm/gal	Yield ft³/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Tuned Prime Cement Spacer	SBM FDP-C1337-18 CEMENT SPACER SYS			50	bbl	10	13.05			

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	SwiftCem	SWIFTCM (TM) SYSTEM	693	sack	12.5	2.16		6	12.32
	94 lbm	TYPE I / II CEMENT, BULK (101439798)							
	2 lbm	ENHANCER 923, BULK (101894003)							
	1.25 %	ECONOLITE (100001580)							
	2 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	0.20 %	VERSASET, 55 LB SK (101376573)							
	12.31 Gal	FRESH WATER							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	SwiftCem	SWIFTCM (TM) SYSTEM	292	sack	13.5	1.74		6	9.2
	1.25 %	ECONOLITE (100001580)							
	94 lbm	TYPE I / II CEMENT, BULK (101439798)							
	2 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	9.19 Gal	FRESH WATER							
	2 lbm	ENHANCER 923, BULK (101894003)							
	0.20 %	VERSASET, 55 LB SK (101376573)							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	Displacement	Displacement	159.7	bbl	8.33			6	

Cement Left In Pipe	Amount	45 ft			Reason			Shoe Joint	
Mix Water:	pH ##	Mix Water Chloride:## ppm			Mix Water Temperature:## °F °C				
Cement Temperature:	## °F °C	Plug Displaced by:## lb/gal kg/m3 XXXX			Disp. Temperature:## °F °C				
Plug Bumped?	Yes/No	Bump Pressure:#### psi MPa			Floats Held?			Yes/No	
Cement Returns:	## bbl m3	Returns Density:## lb/gal kg/m3			Returns Temperature:## °F °C				
Comment									

1.0 Real-Time Job Summary

1.1 Job Event Log

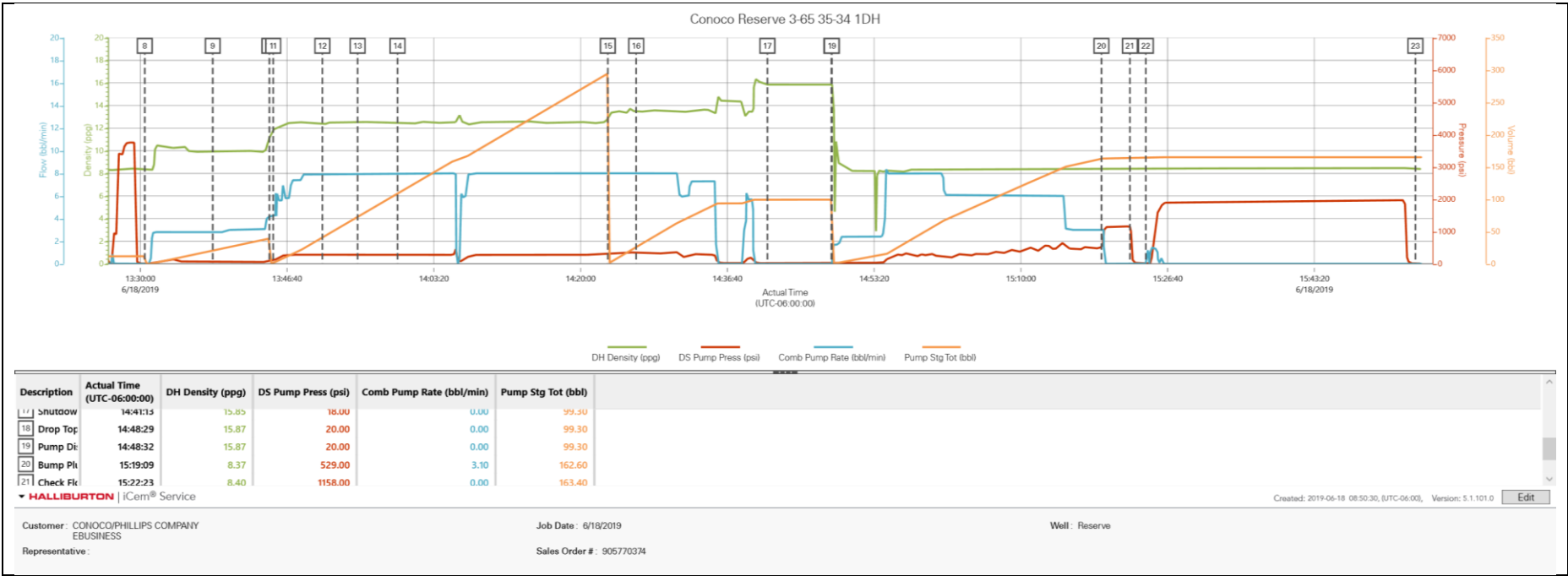
Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	DS Pump Press (psi)	Comb Pump Rate (bbl/min)	Pump Stg Tot (bbl)	Comments
Event	1	Check Floats	Call Out	6/18/2019	07:00:00	USER					Job called out with an on location time of 1100.
Event	2	Crew Leave Yard	Crew Leave Yard	6/18/2019	10:00:00	USER					JSA with HES crew on driving safety and route to rig.
Event	3	Arrive at Location from Service Center	Arrive at Location from Service Center	6/18/2019	11:00:00	USER					Arrived on location, rig was rigging down casing crew.
Event	4	Arrive at Location from Service Center	Assessment Of Location Safety Meeting	6/18/2019	11:10:00	USER					JSA and hazard hunt with HES crew.
Event	5	Safety Meeting	Safety Meeting	6/18/2019	12:15:00	USER					JSA with HES and rig crew on job safety and procedure.
Event	6	Start Job	Start Job	6/18/2019	12:49:13	COM4	8.49	4.00	0.00	8.30	TD 2117' TP 2105' FC 2065.5' 9 5/8" 36# Surface Casing, 13 1/2" Open hole.
Event	7	Test Lines	Test Lines	6/18/2019	13:25:24	COM4	8.36	2555.00	0.00	11.60	Set kick outs to 500psi and check low pressure kick outs. Bring pressure up to 3000psi and hold.
Event	8	Pump Spacer 1	Pump Spacer 1	6/18/2019	13:30:31	COM4	8.31	7.00	0.00	11.70	Pump 50bbls of 10ppg 13.05yield Tuned Prime Spcaer. Pumped at 3bbl/min 66psi.
Event	9	Drop Bottom Plug	Drop Bottom Plug	6/18/2019	13:38:14	COM4	9.95	66.00	2.80	19.70	Plugs pre loaded into HES head. Plugs loaded and dropped in front of Company rep.

Event	10	Pump Lead Cement	Pump Lead Cement	6/18/2019	13:44:40	COM4	11.14	88.00	4.20	39.20	Pump 267bbls (693sks) of 12.5ppg 2.16yield Lead Cement. Pumped at 8bbl/min 272psi.
Event	11	Check Weight	Check Weight	6/18/2019	13:45:06	COM4	11.96	114.00	4.20	1.80	Weight verified by pressurized scales.
Event	12	Check Weight	Check Weight	6/18/2019	13:50:41	COM4	12.37	267.00	8.00	40.60	Weight verified by pressurized scales.
Event	13	Check Weight	Check Weight	6/18/2019	13:54:41	COM4	12.52	270.00	8.00	72.40	Weight verified by pressurized scales.
Event	14	Check Weight	Check Weight	6/18/2019	13:59:13	COM4	12.45	275.00	8.00	108.60	Weight verified by pressurized scales.
Event	15	Pump Tail Cement	Pump Tail Cement	6/18/2019	14:23:06	COM4	12.95	296.00	8.00	294.60	Pump 91bbls (292sks) of 13.5ppg 1.74yield Tail Cement. Pumped at 8bbl/min 332psi.
Event	16	Check Weight	Check Weight	6/18/2019	14:26:19	COM4	13.52	333.00	8.00	25.80	Weight verified by pressurized scales.
Event	17	Shutdown	Shutdown	6/18/2019	14:41:13	COM4	15.85	18.00	0.00	99.30	Shutdown and get ready to wash on top of the plug.
Event	18	Drop Top Plug	Drop Top Plug	6/18/2019	14:48:29	COM4	15.87	20.00	0.00	99.30	Plugs pre loaded into HES head. Plugs loaded and dropped in front of Company rep.
Event	19	Pump Displacement	Pump Displacement	6/18/2019	14:48:32	COM4	15.87	20.00	0.00	99.30	Pump 159.7bbls of H2O. Pumped at 8bbl/min and slowed to 6bbl/min at 70bbls away. Spacer to surface at 143bbls away bringing 17bbls of spacer to surface.
Event	20	Bump Plug	Bump Plug	6/18/2019	15:19:09	COM4	8.37	529.00	3.10	162.60	Bumped plug at 159.7bbls away. Final lift pressure was 528psi. Took pressure 500psi over and held.

Event	21	Check Floats	Check Floats	6/18/2019	15:22:23	USER	8.40	1158.00	0.00	163.40	Opened release line to check floats. After 1/2bbl back floats held.
Event	22	Pressure Up Well	Pressure Up Well	6/18/2019	15:24:11	COM4	8.37	12.00	0.00	163.40	Kicked in pumps to bring pressure up to 1800psi for 30 min casing test. After the 30 mins pressure was 1969psi.
Event	23	End Job	End Job	6/18/2019	15:54:48	COM4	8.39	9.00	0.00	165.00	Thank you Steve Markovich and crew.

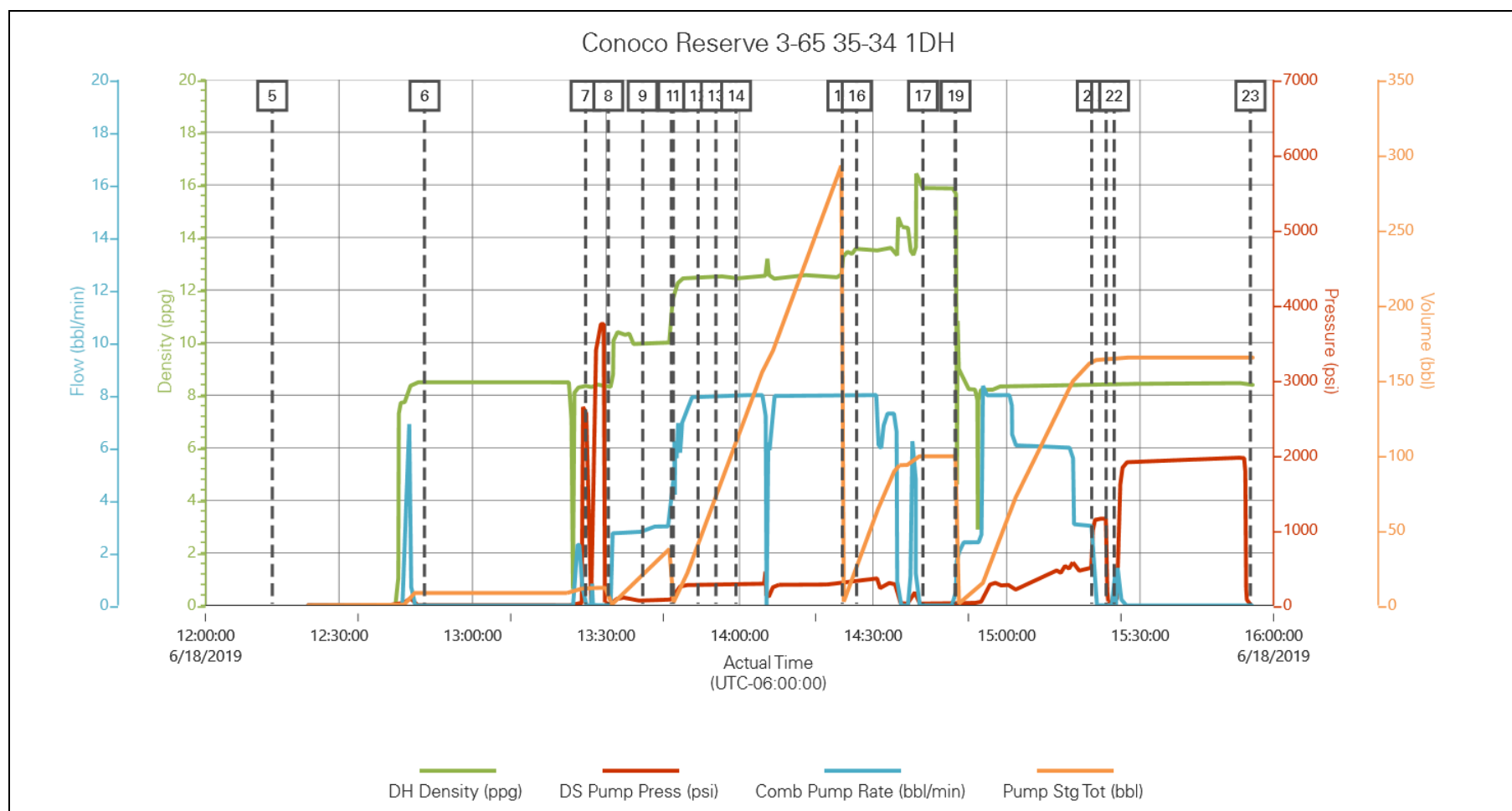
2.0 Attachments

2.1 Conoco Reserve 3-65 35-34 1DH Surface -Custom Results.png



3.0 Custom Graphs

3.1 Custom Graph



HALLIBURTON

iCem[®] Service

CONOCO/PHILLIPS COMPANY EBUSINESS

Ft. Lupton District, COLORADO

For: JASON BEACH

Date: Friday, June 28, 2019

TOP OUT

RESERVE 3-65 35-34 1DH

Case 1

Job Date: Thursday, June 27, 2019

Sincerely,

VITALI NEVERDASOV

Legal Notice

Disclaimer:

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1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the cement casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Approximately 8 bbls of cement were returned to surface.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton Fort Lupton

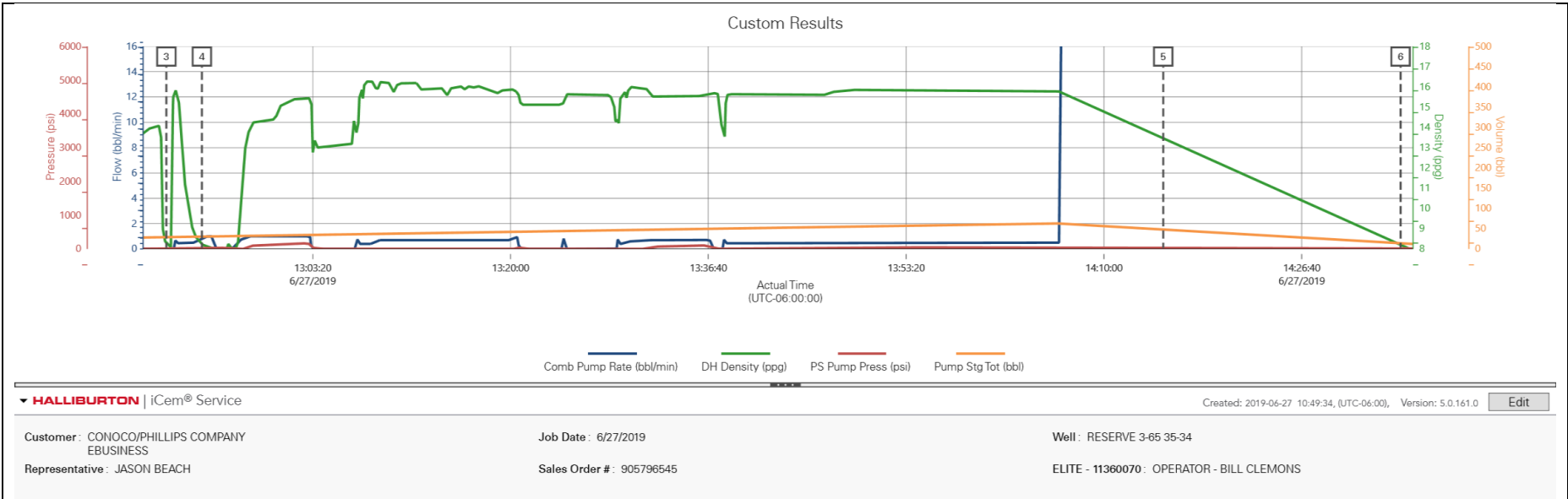
2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DH Density (ppg)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Start Job	Start Job	6/27/2019	11:57:11	COM4	0.00	8.40	0.00	0.00	
Event	2	Check Weight	Check Weight	6/27/2019	12:01:18	COM4	0.00	8.39	0.00	0.00	
Event	3	Pump Spacer	Pump Spacer	6/27/2019	12:51:00	USER	0.00	8.24	3.00	28.00	PUMP FRESH WATER AHEAD
Event	4	Pump Cement	Pump Cement	6/27/2019	12:54:00	USER	0.80	8.23	32.00	29.20	BATCH/ WEIGHT/ PUMP 103 SKS OF 15.8 PPG G NEAT CEMENT. 103 SKS WAS NOT ENOUGH TO BRING CEMENT IN THE CELLAR WHERE NEEDED TO BE. CUSTOMER CALLED AGREGGATE TO TOP IT OFF.
Event	5	Shutdown	Shutdown	6/27/2019	14:15:00	USER					FINISHED PUMPING CEMENT.
Event	6	Post-Job Safety Meeting (Pre Rig-Down)	Post-Job Safety Meeting (Pre Rig-Down)	6/27/2019	14:35:00	USER					RIG DOWN SAFETY MEETING

3.0 Attachments

3.1 Case 1-Custom Results .png



HALLIBURTON

iCem® Service

CONOCO/PHILLIPS COMPANY-EBUS

For: Mickey Arthur

Date: Wednesday, July 03, 2019

Reserve 3-65 35-34 1DH

Job Date: Wednesday, July 03, 2019

Sincerely,

Nick Cummins & Crew

Legal Notice

Disclaimer:

All information in this report is provided subject to the terms and conditions which govern the services provided by Halliburton. Halliburton personnel use their best efforts in gathering information and their best judgment in interpreting it, but any interpretation, research, analysis or recommendation furnished by Halliburton are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and empirical relationships and assumptions are not infallible, and with respect to which professionals in the industry may differ. iCem 3D Displacement results are used to understand how fluids intermix during a cement job. Simulation and 3D displacement results are not intended as and should not be used as a replacement for bond logs in determining top of cement. Current 3D model calculations are known to model more volume than the input volume for standard cases due to known calculation improvements required. For rotational cases, the modeled volume will be impacted by the same calculations impacting the standard cases, as well as additional constraints imposed to make the calculation time required operationally feasible. Therefore, until further notice, 3D displacement results should not be used for replacement of a bond log, or used as an identifier of top of cement. HALLIBURTON IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, OR JOB RECOMMENDATION and any interpretation or recommendation is not for use of or reliance upon by any third party. The customer has full responsibility for any of its decisions which are based on the information provided in this report.

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1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Reserve 3-65 35-34 1DH** cement **5 ½ Production** casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Approximately 0 bbls of cement were returned to surface.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

2.0 Job Summary

2.1 Job Details

The Road to Excellence Starts with Safety

Sold To #: 352431		Ship To #: 3958758		Quote #: 0022592601		Sales Order #: 0905803712					
Customer: CONOCO/PHILLIPS COMPANY-EBUS				Customer Rep: Mickey Arthur							
Well Name: RESERVE 3-65 35-34			Well #: 1DH		API/UWI #: 05-001-10456-00						
Field: WILDCAT		City (SAP): WATKINS		County/Parish: ADAMS		State: COLORADO					
Legal Description: NE NE-35-3S-65W-886FNL-541FEL											
Contractor:				Rig/Platform Name/Num: Nabors B16							
Job BOM: 7523 7523											
Well Type: HORIZONTAL OIL											
Sales Person: HALAMERICA\HB41307				Srv Supervisor: Nicholas Cummins							
Job											
Formation Name											
Formation Depth (MD)		Top			Bottom						
Form Type				BHST							
Job depth MD		17669ft		Job Depth TVD							
Water Depth				Wk Ht Above Floor							
Perforation Depth (MD)		From			To						
Well Data											
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft	
Casing		9.625	8.921	36	STC	J-55	0	2107	0	2107	
Casing		5.5	4.778	20	TXP-BTC	P-110	0	17669	0	7644	
Open Hole Section			8.5				2107	17679	2103	7644	
Tools and Accessories											
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make		
Guide Shoe	5.5			17669		Top Plug	5.5		HES		
Float Shoe	5.5					Bottom Plug	5.5		HES		
Float Collar	5.5					SSR plug set	5.5		HES		
Insert Float	5.5					Plug Container	5.5		HES		
Stage Tool	5.5					Centralizers	5.5		HES		
Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name			Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Tuned Prime Cement Spacer	SBM FDP-C1337-18 CEMENT SPACER SYS			60	bbl	10.5	6.64			

84.51 lbm/bbl		BARITE, BULK (100003681)							
0.25 gal/bbl		D-AIR 3000L, 5 GAL PAIL (101007444)							
0.6670 gal/bbl		MUSOL(R) A, 5 GAL PAIL (100064220)							
0.6670 gal/bbl		DUAL SPACER SURFACTANT B, 5 GAL PAIL (100003665)							
1 lbm/bbl		FE-2 (100001615)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	ElastiCem	ELASTICEM (TM) SYSTEM	835	sack	13.2	1.57		8	7.54
24.50 lbm		POZMIX A FLYASH (100003690)							
0.20 %		HALAD(R)-344, 50 LB (100003670)							
61.10 lbm		TYPE I / II CEMENT, BULK (101439798)							
0.10 %		SA-1015, 50 LB SACK (102077046)							
7.54 Gal		FRESH WATER							
0.30 %		SCR-100 (100003749)							
5 lbm		WELLIFE 708 - 2000 LB BAG (807637)							
1 lbm		SILICALITE, COMPACTED - 2200 LB (870283)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	EconoCem	ECONOCEM (TM) SYSTEM	1490	sack	13.5	1.79		8	8.72
0.10 %		SA-1015, 50 LB SACK (102077046)							
61.10 lbm		TYPE I / II CEMENT, BULK (101439798)							
0.20 %		HALAD(R)-413, 50 LB (100003738)							
0.25 %		HR-5, 50 LB SK (100005050)							
8.72 Gal		FRESH WATER							
0.80 %		HALAD(R)-344, 50 LB (100003670)							
25 %		SS-200 - BULK (102240841)							
24.50 lbm		POZMIX A FLYASH (100003690)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	MMCR Displacement	MMCR Displacement	40	bbl	8.34				
0.50 gal/bbl		MICRO MATRIX CEMENT RETARDER, 5 GAL PAIL (100003781)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
5	Water	Water	350	bbl	8.33				
Cement Left In Pipe		Amount	90 ft		Reason			Shoe Joint	

Mix Water:	pH ##	Mix Water Chloride:	## ppm	Mix Water Temperature:	## °F °C
Cement Temperature:	## °F °C	Plug Displaced by:	## lb/gal kg/m3 XXXX	Disp. Temperature:	## °F °C
Plug Bumped?	Yes/No	Bump Pressure:	#### psi MPa	Floats Held?	Yes/No
Cement Returns:	## bbl m3	Returns Density:	## lb/gal kg/m3	Returns Temperature:	## °F °C
Comment					

3.0 Real-Time Job Summary

3.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	Pump Stg Tot (bbl)	PS Pump Press (psi)	Comments
Event	1	Call Out	Call Out	7/3/2019	01:30:00	USER					The crew was called out on 7/3/19 at 0130. The customer requested HES on location at 0730 on 7/3/19.
Event	2	Depart from Service Center or Other Site	Depart from Service Center or Other Site	7/3/2019	05:40:00	USER					The crew held a pre-journey safety meeting discussing the route and potential hazards while driving. The supervisor called in a journey. The crew departed service center.
Event	3	Arrive at Location from Service Center	Arrive at Location from Service Center	7/3/2019	06:40:00	USER					The crew arrived on location safely. The rig was still running casing. The supervisor met with the Company man and received numbers. TD 17,779', TP 17,669' 5 1/2" 20# P-110, FC 17,579', PC 2,107' 9 5/8" 36# J-55, TVD 7,644', OH 8 1/2", Mud 9.6 ppg.
Event	4	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	7/3/2019	07:00:00	USER					Crew discussed all potential hazards on location.
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	7/3/2019	07:30:00	USER					Crew held a safety meeting discussing the rig up procedure. Also all potential hazards associated with rigging up all HES equipment and lines.

Event	6	Rig-Up Equipment	Rig-Up Equipment	7/3/2019	07:40:00	USER						The crew rigged up all HES equipment and lines.
Event	7	Rig-Up Completed	Rig-Up Completed	7/3/2019	09:00:00	USER	0.18	0.00	0.00	-3.00		Rig up completed, no one got hurt.
Event	8	Safety Meeting - Pre Job	Safety Meeting - Pre Job	7/3/2019	11:50:00	USER	8.21	0.00	0.00	1.00		The crew and all personal involved with cement job discussed all potential hazards associated with job. Followed by the job procedure to ensure everyone understood the plan of action
Event	9	Start Job	Start Job	7/3/2019	12:21:06	COM1	8.27	0.00	0.00	-11.00		Started recording data from Elite 11512092. Filled Lines with 3 bbls of water at 2 bpm, pressure was at 175 psi.
Event	10	Test Lines	Test Lines	7/3/2019	12:26:13	COM1	8.18	0.00	3.20	1.00		We pressure tested all HES lines to 6,500 psi. The pressure test passed after multiple attempts.
Event	11	Pump Spacer 1	Pump Spacer 1	7/3/2019	13:27:35	COM1	8.27	0.00	0.00	44.00		We pumped 60 bbls of spacer. At 4 bpm pressure was at 500 psi. 10.5 ppg 6.64 yield 42.5 gal/sk. We verified density using pressurized scales.
Event	12	Shutdown	Shutdown	7/3/2019	13:44:13	COM1	10.75	0.00	51.90	67.00		Shutdown to load bottom plug.
Event	13	Drop Bottom Plug	Drop Bottom Plug	7/3/2019	13:52:14	COM1	10.94	0.00	51.90	11.00		Company man witnessed plug leave container.

Event	14	Pump Lead Cement	Pump Lead Cement	7/3/2019	13:52:30	COM1	10.94	0.00	0.00	12.00	We pumped 233 bbls (835 sks) of Lead cement. At 7 bpm pressure was at 350 psi. 13.2 ppg 1.57 yield 7.54 gal/sk. We verified density using pressurized scales.
Event	15	Check Weight	Check Weight	7/3/2019	13:59:39	COM1	13.16	3.40	15.90	121.00	Scale weighed up at 13.1+ ppg
Event	16	Check Weight	Check Weight	7/3/2019	14:15:28	COM1	13.55	4.10	100.80	151.00	Scaled weighed up at 13.2 ppg
Event	17	Pump Tail Cement	Pump Tail Cement	7/3/2019	14:36:32	COM1	13.14	1.70	234.00	79.00	We pumped 475 bbls (1490 sks) of Tail cement. At 8 bpm pressure was at 450 psi. 13.5 ppg 1.79 yield 8.72 gal/sk. We verified density using pressurized scales.
Event	18	Check Weight	Check Weight	7/3/2019	14:43:28	COM1	13.39	4.20	21.20	181.00	Scale weighed up at 13.5 ppg.
Event	19	Check Weight	Check Weight	7/3/2019	15:26:57	COM1	13.60	8.50	293.00	458.00	Scale weighed up at 13.3 ppg.
Event	20	Check Weight	Check Weight	7/3/2019	15:32:18	COM1	13.55	8.50	338.40	472.00	Scale weighed up at 13.5+ ppg.
Event	21	Shutdown	Shutdown	7/3/2019	15:53:07	COM1	0.42	1.70	492.80	6.00	Shutdown to drop top plug, wash pumps and lines. The supervisor swapped the valves on the floor to wash up through the flow line. Pumped 15 bbls of fresh water to clean pumps and lines.
Event	22	Drop Top Plug	Drop Top Plug	7/3/2019	16:09:29	COM1	0.01	0.00	513.30	-4.00	Company man witnessed plug leave container.
Event	23	Pump Displacement	Pump Displacement	7/3/2019	16:09:34	COM1	0.01	0.00	0.00	-4.00	We pumped the calculated displacement of 390 bbls.

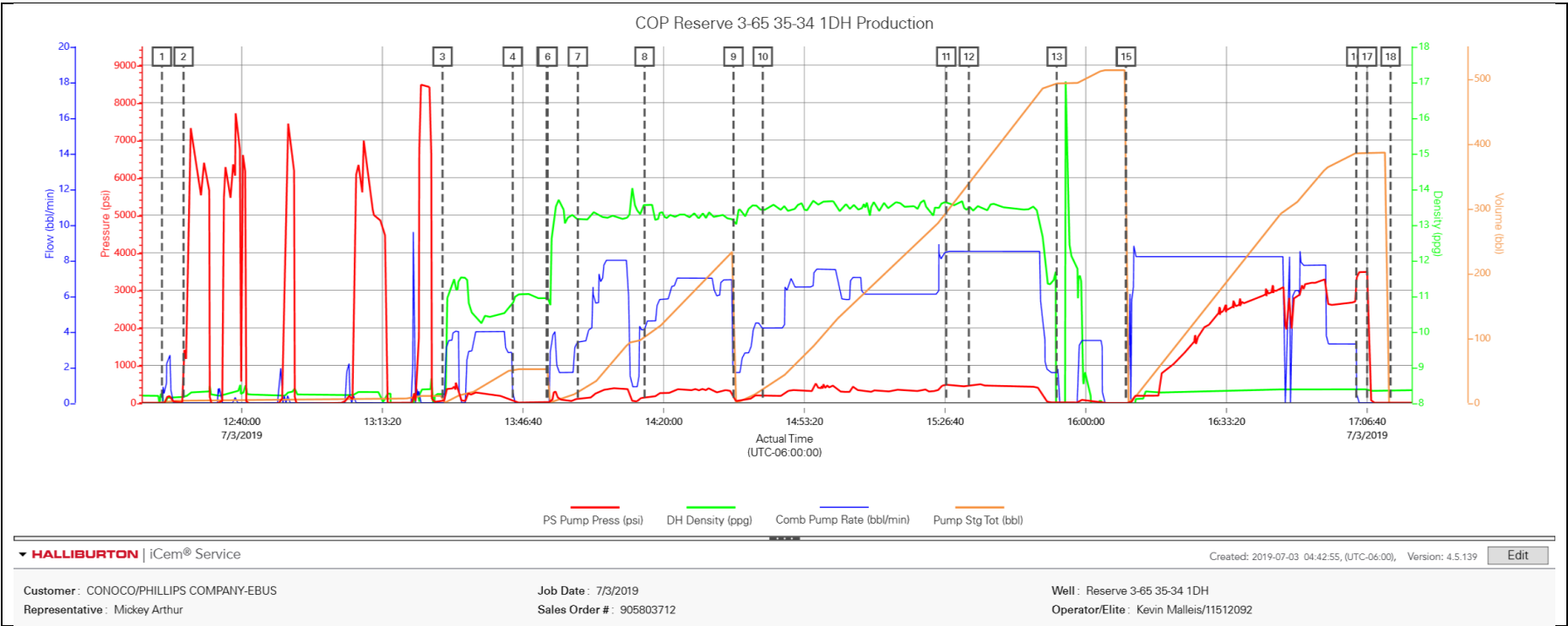
											With MMCR in the first 40 bbls. Throughout displacement till the last 50 bbls Biocide and Oxygen was poured.
Event	24	Bump Plug	Bump Plug	7/3/2019	17:04:06	COM1	8.38	3.30	385.80	3183.00	We bumped the plug. Final circulating pressure was 2,700 psi. We brought it 3,400 psi before shutting down.
Event	25	Other	Check Floats	7/3/2019	17:06:40	COM1	8.38	0.00	386.10	3513.00	We bled pressure off back to t the truck. We got 5 1/4 bbls back.
Event	26	End Job	End Job	7/3/2019	17:12:13	COM1	8.36	0.00	0.00	2.00	Cement job complete. Estimated top of lead cement is 1,503'. Estimated top of tail cement is 6,027'. We got an estimated 31 bbls of spacer back to surface.
Event	27	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	7/3/2019	17:15:00	USER	8.36	0.00	0.00	1.00	Crew held a safety meeting discussing the rig down procedure. Also all potential hazards associated with rigging down all HES equipment and lines.
Event	28	Rig-Down Equipment	Rig-Down Equipment	7/3/2019	17:30:00	USER	8.38	0.00	26.70	8.00	The crew rigged down all HES equipment and lines.
Event	29	Rig-Down Completed	Rig-Down Completed	7/3/2019	18:30:00	USER					Rig down completed no one got hurt.
Event	30	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	7/3/2019	19:00:00	USER					The crew held a pre-journey safety meeting discussing the route and potential hazards while driving The supervisor called in a journey.

Event	31	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	7/3/2019	19:10:00	USER
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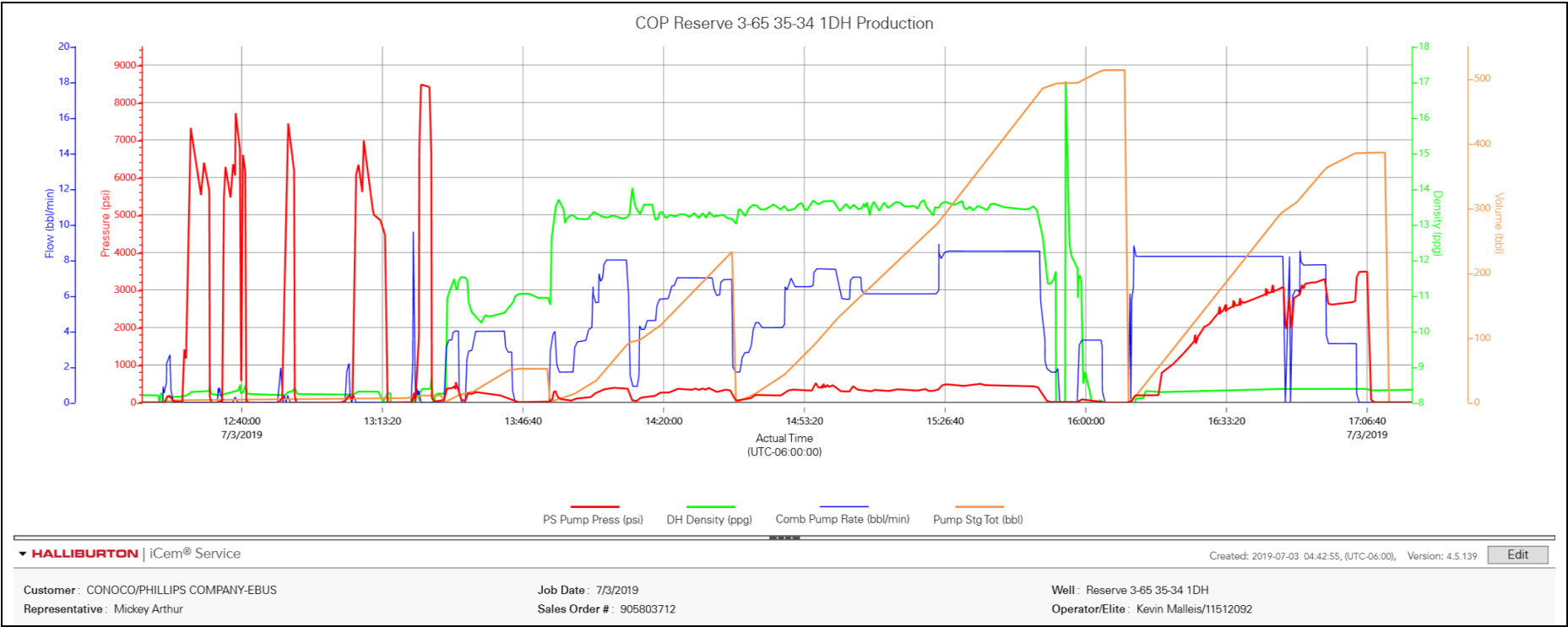
Nick Cummins and crew
would like to thank you for
your business, and choosing
Halliburton Cement! Please
feel free to call if you have
any questions.

4.0 Attachments

4.1 Reserve 3-65 35-34 1DH-Custom Results.png



4.2 Reserve 3-65 35-34 1DH-Custom Results (1).png



4.3 Reserve 3-65 35-34 1DH-Custom Results (2).png

