POST JOB REPORT

Laramie Energy

End of Well Cement Report

Nichols 0994-24-06W 05-077-10415

S:24 T:9S R:94W Mesa, CO

Quote #: 02579/02580 **| Execution #:** 01663/01828

Laramie Energy

Attention: Mr. Aaron Duncan | aduncan@laramie-energy.com

Laramie Energy | 1401 17th St, Suite 1400 | Denver, CO 80202

Dear Mr. Duncan,

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
Field Engineer III | (307) 757-7178 | Zen.Keith@bjservices.com

Field Office 28730 US-6, Rifle, CO 81650
Phone: (970) 632-2412

Sales Office 999 18th St. Suite 1200 Denver, CO 80202
Phone: (281) 408-2361

Cementing Treatment

Start Date	12/9/2017	**Well**	Nichols 0994-24-06W
End Date	12/10/2017	**County**	MESA
Client	LARAMIE ENERGY	**State/Province**	CO
Client Field Rep	Roger Foster	**API**	05-077-10415
Service Supervisor	Andrew Linn	**Formation**	-
Field Ticket No.	FT-01663-X4F4Z70202-85560	**Rig**	H&P 290
District	Rifle, CO	**Type of Job**	Surface

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade	Thread
Previous Casing	15.25	16.00	65.00	60.00	60.00	0.00		
Open Hole	11.00			1,559.00	1,559.00	75.00		
Casing	8.10	8.63	24.00	1,548.00	1,548.00		J-55	ST&C

Shoe Length (ft): 42

HARDWARE

Bottom Plug Used?	Yes	**Tool Type**	Float Collar
Bottom Plug Provided By	Non BJ	**Tool Depth (ft)**	1,504.00
Bottom Plug Size	8.625	**Max Tubing Pressure - Rated (psi)**	-
Top Plug Used?	Yes	**Max Tubing Pressure - Operated (psi)**	-
Top Plug Provided By	Non BJ	**Max Casing Pressure - Rated (psi)**	2,950.00
Top Plug Size	8.625	**Max Casing Pressure - Operated (psi)**	2,360.00
Centralizers Used	Yes	**Pipe Movement**	None
Centralizers Quantity	19.00	**Job Pumped Through**	Manifold
Centralizers Type	Bow	**Top Connection Thread**	8 RND.
Landing Collar Depth (ft)	1,504	**Top Connection Size**	8.625

Cementing Treatment

CIRCULATION PRIOR TO JOB

Well Circulated By	Rig	**Solids Present at End of Circulation**	No
Circulation Prior to Job	Yes	**10 sec SGS**	-
Circulation Time (min)	45.00	**10 min SGS**	-
Circulation Rate (bpm)	10.00	**30 min SGS**	-
Circulation Volume (bbls)	450.00	**Flare Prior to/during the Cement Job**	No
Lost Circulation Prior to Cement Job	No	**Gas Present**	No
Mud Density In (ppg)	9.70	**Gas Units**	0
Mud Density Out (ppg)	9.70		
PV Mud In	-		
PV Mud Out	-		
YP Mud In	-		
YP Mud Out	-		

TEMPERATURE

Ambient Temperature (°F)	23.00	**Slurry Cement Temperature (°F)**	80.00
Mix Water Temperature (°F)	82.50	**Flow Line Temperature (°F)**	-

BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Spacer / Pre Flush / Flush	Fresh Water	8.3300					40.0000
Lead Slurry	S100-12	12.0000	2.5329	14.89	191	480.0000	85.5000
Tail Slurry	S100-12	12.5000	2.2282	12.62	107	237.0000	42.1000
Displacement Final	Water	8.3300				0.0000	94.5000

Cementing Treatment

Fluid Type	Fluid Name	Component	Concentration	UOM
Lead Slurry	S100-12	CEMENT EXTENDER, SODIUM METASILICATE, A-2	2.00	LBS/SK
Lead Slurry	S100-12	IntegraSeal CELLO	0.13	LBS/SK
Lead Slurry	S100-12	CEMENT, ASTM TYPE III	100.00	PCT
Lead Slurry	S100-12	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	2.00	LBS/SK
Lead Slurry	S100-12	CEMENT EXTENDER, GYPSUM, A-10	5.00	BWOB
Lead Slurry	S100-12	FP-25, Dry Foam Preventer (BJS Only)	0.30	BWOB
Tail Slurry	S100-12	CEMENT, ASTM TYPE III	100.00	PCT
Tail Slurry	S100-12	CEMENT EXTENDER, GYPSUM, A-10	5.00	BWOB
Tail Slurry	S100-12	IntegraSeal CELLO	0.13	LBS/SK
Tail Slurry	S100-12	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	2.00	LBS/SK
Tail Slurry	S100-12	CEMENT EXTENDER, SODIUM METASILICATE, A-2	2.00	LBS/SK
Tail Slurry	S100-12	FP-25, Dry Foam Preventer (BJS Only)	0.30	BWOB

TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)
12/10/2017 7:30 AM	Fresh Water	2.00	40.00	396.00
12/10/2017 7:52 AM	S100-12	5.00	85.50	371.00
12/10/2017 8:07 AM	S100-12	5.00	42.10	313.00
12/10/2017 8:23 AM	Water	5.00	94.50	261.00

	Min	Max	Avg
Pressure (psi)	290.00	2,130.00	453.00
Rate (bpm)	2.00	7.25	6.00

Cementing Treatment

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ	**Amount of Cement Returned/Reversed**	27.00
Calculated Displacement Volume (bbls)	95.67	**Method Used to Verify Returns**	Visual
Actual Displacement Volume (bbls)	96.00	**Amount of Spacer to Surface**	40.00
Did Float Hold?	Yes	**Pressure Left on Casing (psi)**	0.00
Bump Plug	Yes	**Amount Bled Back After Job**	1.00
Bump Plug Pressure (psi)	457.00	**Total Volume Pumped (bbls)**	268.00
Were Returned Planned at Surface	Yes	**Top Out Cement Spotted**	No
Cement returns During Job	Partial	**Lost Circulation During Cement Job**	No

Customer Name LARAMIE
Well Name NICHOLS 24-06W
Job Type Surface

District Rifle
Supervisor Andrew Linn
Engineer Gage Putnam

Seq No.	Start Date	Start Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	12/9/2017	13:30	Operational	Safety Meeting		53					PRE CONVOY SAFETY MEETING
2	12/9/2017	15:00	Mobilization	Arrive on Location		48					ARRIVE ON H&P 290
3	12/9/2017	20:00	Mobilization	Callout							CALL OUT ON LOCATION TIME OF 02:00
4	12/9/2017	15:15	Operational	Safety Meeting		53					PRE RIG UP SAFETY MEETING
5	12/9/2017	15:30	Operational	Spot Units		49					SITE ASSESSMENT AND SPOT IN EQUIPMENT
6	12/9/2017	16:00	Operational	Rig Up							RIG UP ALL GROUND EQUIPMENT
7	12/10/2017	6:30	Operational	Safety Meeting		53					SAFETY MEETING WITH ALL BJ CEMENT CREW AND RIG CREW
8	12/10/2017	6:50	Operational	Rig Up		50					LOAD PLUG CONTAINER STAB PLUG CONTAINER AND HOOK UP LINES.
9	12/10/2017	7:30	Operational	Prime Up		52	8.33	2	5	396	PRIME LINES WITH FRESH WATER
10	12/10/2017	7:33	Operational	Pressure Test		54				3500	PRESSURE TEST TO 3500 PSI. PRESSURE HELD.
11	12/10/2017	7:35	Operational	Drop Bottom Plug		57					DROP BOTTOM PLUG
12	12/10/2017	7:36	Operational	Pump Spacer		56	8.33	6.5	11	670	FRESH WATER SPACER
13	12/10/2017	7:43	Operational	Pump Spacer		56	8.33	6.5	40	448	FRESH WATER SPACER
14	12/10/2017	7:50	Operational	Pump Lead Cement		58	12	5	5	311	LEAD CEMENT 191 SKS. 12 PPG. 2.53 CU. FT./ SK. 14.89 GAL./SK. FOR A TOTAL OF 86.06 BBLS OF LEAD CEMENT REQUIRING 67.71 BBLS OF MIX WATER. WEIGHT VERIFIED WITH MUD SCALE. CALCULATED HEIGHT OF LEAD IS 669.02 FT. TOP OF LEAD IS 0 FT. 55.75 BBLS. OF LEAD TO SURFACE
15	12/10/2017	7:52	Operational	Pump Lead Cement		58	12	6	10	491	PUMPED LEAD CEMENT
16	12/10/2017	7:59	Operational	Pump Lead Cement		58	12	6	50	402	PUMPED LEAD CEMENT
17	12/10/2017	8:05	Operational	Pump Lead Cement		58	12	6	84	412	FINISHED PUMPING LEAD CEMENT WITH 84 BBLS.A AWAY
18	12/10/2017	8:07	Operational	Pump Tail Cement		60	12.5	5	5	313	TAIL CEMENT 107 SKS. 12.5 PPG. 2.23 CU. FT./ SK. 12.62 GAL./SK. FOR A TOTAL OF 842.5 BBLS OF TAIL CEMENT REQUIRING 32.15 BBLS OF MIX WATER. WEIGHT VERIFIED WITH MUD SCALE. CALCULATED HEIGHT OF TAIL IS 879.03 FT. TOP OF TAIL IS 669.02 FT.
19	12/10/2017	8:08	Operational	Pump Tail Cement		60	12.5	6	10	459	PUMPED TAIL CEMENT
20	12/10/2017	8:10	Operational	Pump Tail Cement		60	12.5	5	20	301	PUMPED TAIL CEMENT
21	12/10/2017	8:16	Operational	Pump Tail Cement			12.5	5	47.6	298	FINISHED PUMPING TAIL CEMENT WITH 47.6 BBLS. AWAY
22	12/10/2017	8:16	Operational	Other (See comments)		76					SHUT DOWN
23	12/10/2017	8:19	Operational	Drop Top Plug		63					DROP TOP PLUG, VERIFIED BY COMPANY MAN
24	12/10/2017	8:23	Operational	Clean Pumps and Lines		62	8.33	5	10	261	FRESH WATER DISPLACEMENT FIRST 20 BBLS. THREW MIXING TUB.
25	12/10/2017	8:26	Operational	Pump Displacement		64	8.33	6	20	404	FRESH WATER DISPLACEMENT
26	12/10/2017	8:27	Operational	Pump Displacement		64	8.33	7.25	30	624	FRESH WATER DISPLACEMENT
27	12/10/2017	8:32	Operational	Pump Displacement		64	8.33	6.5	60	743	FRESH WATER DISPLACEMENT
28	12/10/2017	8:34	Operational	Cement Back to Surface		66					27 BBLS. OF CEMENT TO SURFACE
29	12/10/2017	8:35	Operational	Pump Displacement		64	8.33	6.5	80	851	FRESH WATER DISPLACEMENT

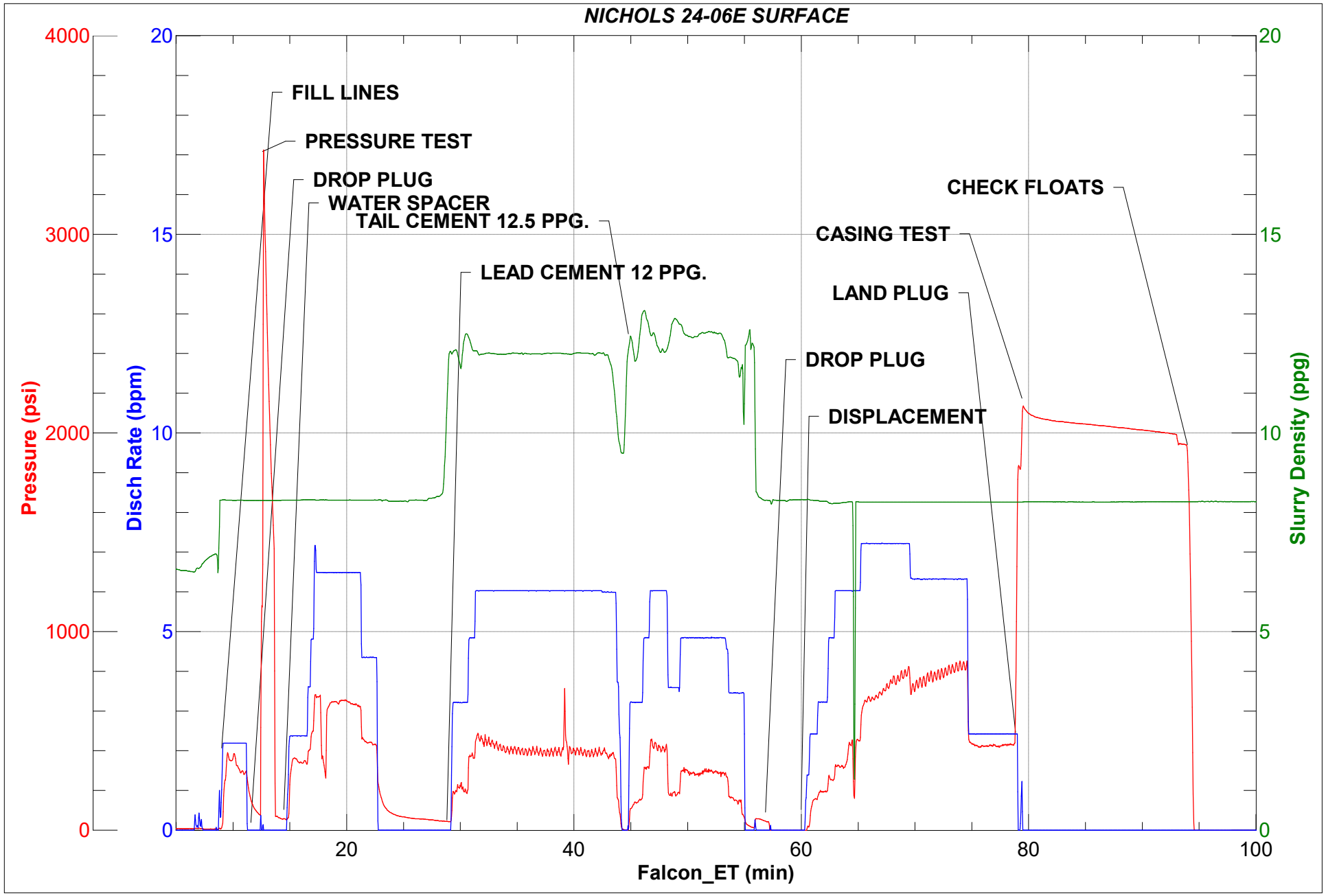
Customer Name LARAMIE
Well Name NICHOLS 24-06W
Job Type Surface

District Rifle
Supervisor Andrew Linn
Engineer Gage Putnam

Seq No.	Start Date	Start Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
30	12/10/2017	8:37	Operational	Pump Displacement		64	8.33	2	85	436	SLOWED RATE LAST 10 BBLS. TO 2 BBLS./MIN.
31	12/10/2017	8:40	Operational	Land Plug		67			96	457	LANDED PLUG AT 457 PSI. TOOK TO 2130 FOR CASING TEST
32	12/10/2017	8:41	Operational	Other (See comments)		76				2130	CASING TEST AT 2130 PSI. FOR 11 MINS.
33	12/10/2017	8:52	Operational	Check Floats		68					CHECK FLOATS. FLOATS HELD 1 BBL. BACK
34	12/10/2017	8:53	Operational	End Pumping		69					END OF CEMENT JOB
35	12/10/2017	8:55	Operational	Safety Meeting		53					PRE RIG DOWN SAFETY MEETING WITH RIG CREW
36	12/10/2017	9:10	Operational	Rig Down							BLOW IRON BACK TO PUMP TRUCK. RIG DOWN RIG FLOOR
37	12/10/2017	9:10	Operational	Clean Pumps and Lines		62					WASH PUMPS AND LINES IN CELLAR WITH 50 LBS. OF SUGAR
38	12/10/2017	9:45	Operational	Safety Meeting		53					PRE RIG DOWN SAFETY MEETING WITH ALL BJ CEMENT CREW
39	12/10/2017	10:03	Operational	Rig Down		73					RIG DOWN ALL EQUIPMENT
40	12/10/2017	10:21	Operational	Other (See comments)		76					AFTER ACTION REVIEW
41	12/10/2017	10:45	Operational	Safety Meeting		53					PRE CONVOY SAFETY MEETING
42	12/10/2017	11:00	Mobilization	Leave Location		74					DEPART FROM H&P 290 FOR RIFLE YARD. THANK YOU FOR USING BJ SERVICES, ANDREW LINN AND CREW

JobMaster Program Version 4.02C1

Job Number: 1426
Customer: LARAMIE
Well Name: NICHOLS 24-06 E



Cementing Treatment

Start Date	12/13/2017	**Well**	Nichols 0994-24-06W
End Date	12/13/2017	**County**	MESA
Client	LARAMIE ENERGY	**State/Province**	CO
Client Field Rep		**API**	05-077-10415
Service Supervisor		**Formation**	
Field Ticket No.	Production	**Rig**	H&P 290
District	Rifle, CO	**Type of Job**	Long String

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	Excess(%)	Grade	Thread
Open Hole	8.88			7,558.00	10.00		
Casing	4.00	4.50	11.60	7,558.00		L-80	LT&C
Previous Casing	8.10	8.63	24.00	1,524.00		J-55	ST&C

Shoe Length (ft): 92

HARDWARE

Bottom Plug Used?	Yes	**Tool Type**	Float Collar
Bottom Plug Provided By	Non BJ	**Tool Depth (ft)**	7,456.00
Bottom Plug Size	4.500	**Max Tubing Pressure - Rated (psi)**	0.00
Top Plug Used?	Yes	**Max Tubing Pressure - Operated (psi)**	0.00
Top Plug Provided By	Non BJ	**Max Casing Pressure - Rated (psi)**	7,780.00
Top Plug Size	4.500	**Max Casing Pressure - Operated (psi)**	4,000.00
Centralizers Used	Yes	**Pipe Movement**	None
Centralizers Quantity	117.00	**Job Pumped Through**	No Manifold
Centralizers Type	Bow	**Top Connection Thread**	8 ROUND
Landing Collar Depth (ft)	7,456	**Top Connection Size**	4.5

Cementing Treatment

CIRCULATION PRIOR TO JOB

Well Circulated By	Rig	**Solids Present at End of Circulation**	No
Circulation Prior to Job	Yes	**10 sec SGS**	12.00
Circulation Time (min)	1.25	**10 min SGS**	42.00
Circulation Rate (bpm)	10.00	**30 min SGS**	62.00
Circulation Volume (bbls)	750.00	**Flare Prior to/during the Cement Job**	No
Lost Circulation Prior to Cement Job	No	**Gas Present**	No
Mud Density In (ppg)	9.90	**Gas Units**	0
Mud Density Out (ppg)	9.90		
PV Mud In	17		
PV Mud Out	17		
YP Mud In	16		
YP Mud Out	16		

TEMPERATURE

Ambient Temperature (°F)	42.00	**Slurry Cement Temperature (°F)**	
Mix Water Temperature (°F)	57.00	**Flow Line Temperature (°F)**	121.00

BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Spacer / Pre Flush / Flush	CD Spacer	11.0000					60.0000
Lead Slurry	P100-X2	12.7000	1.9775	11.11	772	1,525.0000	271.5000
Tail Slurry	P70-X1	13.5000	1.9033	9.59	381	724.0000	128.9000
Displacement Final	Freshwater with Clay Stabilizer	8.3300				0.0000	116.2000

Cementing Treatment

Fluid Type	Fluid Name	Component	Concentration	UOM
Spacer / Pre Flush / Flush	CD Spacer	Spacer Surfactant, SS-247, (BJS Only)	0.80	GPB
Spacer / Pre Flush / Flush	CD Spacer	GELLANT WATER, GW-86	0.80	PPB
Spacer / Pre Flush / Flush	CD Spacer	R-6 LOW TEMP RETARDER 50 LB BAG BJS	1.40	PPB
Spacer / Pre Flush / Flush	CD Spacer	SAND, S-8, Silica Flour, 200 Mesh	179.97	PPB
Lead Slurry	P100-X2	R-6 LOW TEMP RETARDER 50 LB BAG BJS	0.50	BWOB
Lead Slurry	P100-X2	CEMENT, ASTM TYPE III	100.00	PCT
Lead Slurry	P100-X2	GELLANT WATER, GW-86	0.10	BWOB
Lead Slurry	P100-X2	DISPERSANT, CD-31	0.10	BWOB
Lead Slurry	P100-X2	BONDING AGENT, BA-60	0.30	BWOB
Lead Slurry	P100-X2	FP-25, Dry Foam Preventer (BJS Only)	0.30	BWOB
Tail Slurry	P70-X1	EXTENDER, BENTONITE	6.00	BWOB
Tail Slurry	P70-X1	CEMENT, CLASS G	70.00	PCT
Tail Slurry	P70-X1	R-6 LOW TEMP RETARDER 50 LB BAG BJS	0.30	BWOB
Tail Slurry	P70-X1	FLUID LOSS, FL-24, (BJS Only)	0.40	BWOB
Tail Slurry	P70-X1	SAND, S-8, Silica Flour, 200 Mesh	25.00	BWOB
Tail Slurry	P70-X1	Flyash (Rockies)	20.00	PCT
Tail Slurry	P70-X1	BONDING AGENT, BA-60	0.20	BWOB
Tail Slurry	P70-X1	FP-25, Dry Foam Preventer (BJS Only)	0.30	BWOB
Tail Slurry	P70-X1	AXE-20	10.00	PCT
Displacement Final	Freshwater with Clay Stabilizer	CLAY STABILIZATION, ResCare CS	0.08	GPB

Cementing Treatment

TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)	Annulus Pressure (psi)	Comments
12/13/2017 5:39 PM	CD Spacer	5.00	60.00	428.00		
12/13/2017 5:57 PM	P100-X2	5.00	271.50	169.00		
12/13/2017 6:50 PM	P70-X1	5.00	128.90	400.00		
12/13/2017 7:28 PM	Freshwater with Clay Stabilizer	10.00	116.20	629.00		

	Min	Max	Avg
Pressure (psi)	10.00	5,000.00	700.00
Rate (bpm)	1.00	10.00	6.00

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ	**Amount of Cement Returned/Reversed**	0.00
Calculated Displacement Volume (bbls)	116.00	**Method Used to Verify Returns**	Visual
Actual Displacement Volume (bbls)	115.00	**Amount of Spacer to Surface**	10.00
Did Float Hold?	Yes	**Pressure Left on Casing (psi)**	0.00
Bump Plug	Yes	**Amount Bled Back After Job**	0.50
Bump Plug Pressure (psi)	1,784.00	**Total Volume Pumped (bbls)**	115.00
Were Returned Planned at Surface	No	**Top Out Cement Spotted**	No
Cement returns During Job	None	**Lost Circulation During Cement Job**	No

Customer Name	**LARAMIE**	**District**	Rifle
Well Name	**NICHOLS 24-06W**	**Supervisor**	GLEN GILLIAM
Job Type	**Long String**	**Engineer**	ZEN KEITH

Seq No.	Start Date	Start Time	Event	Equipment	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	12/13/2017	11:00	CALL OUT						BJ CREW CALLED OUT WITH A RTS OF 15:00
2	12/13/2017	12:00	JM STEACS						JOURNEY/ STEACS WITH BJ CREW
3	12/13/2017	12:15	DEPART YARD						BJ CREW DEPARTS YARD
4	12/13/2017	14:00	ARRIVE ON LOCATION						BJ CREW ARRIVES ON LOCATION AND SPOTS TRUCKS
5	12/13/2017	14:10	STEACS MEETING						STEACS ON RIG UP WITH BJ CREW
6	12/13/2017	14:15	RIG UP IRON						BJ CREW RIGS UP EQUIPMENT
7	12/13/2017	16:35	PIPE ON BOTTOM						RIG CIRCULATING AT 10 BPM 1.25 HR
8	12/13/2017	17:00	SAFETY MEETING						SAFETY MEETING WITH RIG CREW
9	12/13/2017	17:25	STAB HEAD						BJ CREW STABS HEAD
10	12/13/2017	17:31	BROKE CIRCULATION		8.33	2	5	308	BROKE CIRCULATION FROM RIG
11	12/13/2017	17:35	TEST LINES						TEST LINES AT 5000 PSI
12	12/13/2017	17:37	BATCH UP SPACER						BATCH UP SPACER AT 11 PPG
13	12/13/2017	17:39	SPACER DOWN HOLE		11	4		428	SPACER DOWN HOLE AT 11 PPG
14	12/13/2017	17:49	50 GONE		11	1.5	50	160	50 BBLS GONE SPACER AT 11 PPG 53 BBLS TOTAL PUMPED
15	12/13/2017	17:55	BATCH UP LEAD		12.7				BATCH UP LEAD CEMENT AT 12.7 PPG
16	12/13/2017	17:57	LEAD DOWN HOLE		12.7	3.2		167	LEAD CEMENT DOWN HOLE AT 12.7 PPG
17	12/13/2017	18:10	50 BBLS GONE		12.7	6	50	437	50 BBLS GONE LEAD CEMENT
18	12/13/2017	18:19	100 BBLS GONE		12.7	6	100	370	100 BBLS GONE LEAD CEMENT
19	12/13/2017	18:28	150 BBLS GONE		12.7	6	150	372	150 BBLS GONE LEAD CEMENT
20	12/13/2017	18:38	200 BBLS GONE		12.7	6	200	366	200 BBLS GONE LEAD CEMENT
21	12/13/2017	18:47	250 BBLS GONE		12.7	1.5	250	101	250 BBLS GONE LEAD CEMENT 253 BBLS TOTAL
22	12/13/2017	18:49	BATCH UP TAIL		13.5				BATCH UP TAIL CEMENT AT 13.5 PPG
23	12/13/2017	18:50	TAIL DOWN HOLE		13.5	5		400	TAIL CEMENT DOWN HOLE AT 13.5 PPG
24	12/13/2017	18:58	50 BBLS GONE		13.5	6.5	50	673	50 BBLS TAIL CEMENT GONE
25	12/13/2017	19:10	100 BBLS GONE		13.5	6	100	538	100 BBLS TAIL CEMENT GONE, 127 BBLS GONE TOTAL
26	12/13/2017	19:15	SHUT DOWN						SHUT DOWN, WASH PUMPS AND LINES, DROP TOP PLUG
27	12/13/2017	19:28	DISPLACEMENT		8.33	10		600	START DISPLACEMENT, DROP TOP PLUG
28	12/13/2017	19:33	50 BBLS GONE		8.33	10	50	1567	50 BBLS GONE DISPLACEMENT
29	12/13/2017	19:39	100 BBLS GONE		8.33	4	100	1600	100 BBLS GONE DISPLACEMENT
30	12/13/2017	19:45	BUMP PLUG		8.33	2	115	1784	BUMP PLUG FCP-1784 PSI TOOK TO 3000 PSI 115 BBLS TOTAL DISPLACEMENT
31	12/13/2017	19:55	BLEED PRESSURE						BLEED PRESSURE CHECK FLOATS .5 BBLS BACK, FLOATS HELD
32	12/13/2017	20:00	STEACS MEETING						STEACS MEETING RIG DOWN, WASH PUMP TRUCK
33	12/13/2017	20:05	RIG DOWN						BJ CREW RIGS DOWN EQUIPMENT
34	12/13/2017	20:30	JOB COMPLETE/ AAR						JOB COMPLETE/ AAR MEETING
35	12/13/2017		***MISC***						BUMP PLUG FCP-1784 PSI TOOK TO 3000 PSI 115 BBLS TOTAL DISPLACEMENT, FLOATS HELD- .5 BBLS BACK, 10 BBLS OF SPACER TO SURFACE, NO ISSUES DURING JOB

JobMaster Program Version 4.02C1

Job Number: 1571
Customer: LARAMIE
Well Name: NICHOLS 24-06 W