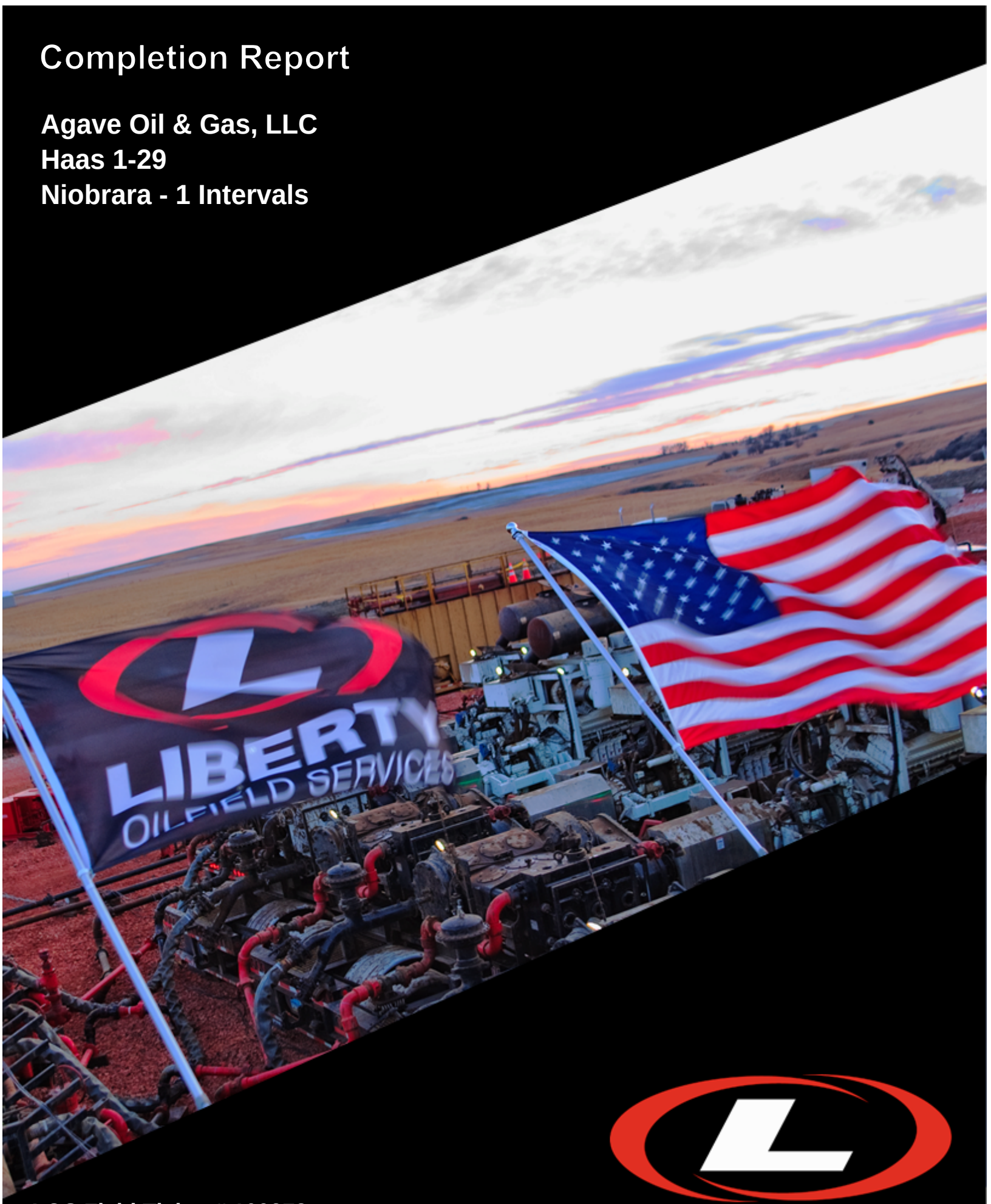
Completion Report

Agave Oil & Gas, LLC
Haas 1-29
Niobrara - 1 Intervals



LOS Field Ticket # 109278
Intervals 1 - 1

LIBERTY

Company Name:	**Agave Oil & Gas, LLC**
Service Company Name:	**Liberty Oilfield Services**
Prepared by:	**Brian Stanley** **701-339-1910** **Crystal Salyers** **303-518-7411**
Completion Date:	**June 17, 2017**

Well Information

Customer	**Customer Name**	Agave Oil & Gas, LLC
	Customer Contact	Neal Hageman
	Customer Address	201 Pecan Street, Suite 100, Fort Worth, TX 76102
LOS	**LOS District**	Denver-Julesburg
	LOS Sales Contact	Jim Reagan / Tony Losacano
	LOS Operations Contact	Tim Hohn / Jeff Brady
	LOS Address	950 17th Street, Suite 2000, Denver, CO 80202
	LOS Field Ticket Number	02-201703-43
	LOS Engineer	Brian Stanley
	Contact	701-339-1910
	LOS Engineer	Crystal Salyers
	Contact	303-518-7411
Well Info	**State**	Colorado
	County	Elbert
	Field / Prospect	Wildcat
	Basin	Denver-Julesburg
	Formation	Niobrara
	BHST	170 F
	Well Name	Haas 1-29
	API	05-039-06677
	AFE	N/A
	Well Location	1939' FSL 1747' FEL NWSE-S29-T7S-R62W
	Latitude	39.40961
	Longitude	-104.3545
Completion	**Max Pressure**	6,000
	Completion Type	Cemented, Plug & Perf
	Well Type	Vertical
	Number of Intervals	1
	Main Fluid Type	Fresh Water / HCl-15 / LibertyFR / 25# Linear Guar / 25# Justice / 20# Justice
	Main Proppant Type	40/70 White / 30/50 White
	Completion Date	6/17/2017
	Pad Name	Haas

LIBERTY OILFIELD SERVICES

Well Completion Summary

06/17/17

Customer	**Customer Name**	**Agave Oil & Gas, LLC**
	Attention	**Neal Hageman**
	Remit to Address	**950 17th Street, Suite 2000, Denver, CO 80202**
Well	**Well Name and Number**	**Haas 1-29**
	API / AFE	**05-039-06677 / N/A**
Project	**Project Description**	**170°F Niobrara Cemented, Plug & Perf Fresh Water / HCl-15 / LibertyFR / 25#**
	LOS Field Ticket Number	**02-201703-43**
	LOS Field Ticket Total	**$282,546.67**
Signatories	**Customer Representatives**	**Joel Mazza**
	LOS Engineers	**Brian Stanley and Crystal Salyers**

Well Design		**Design Completion Percentage**	
Design Clean Job Volume (bbl)	6,824 bbl	Clean Treating Fluid	97.0%
Design Proppant Mass (lb)	500,750 lb	Proppant Mass (BOL)	103.0%
Personnel and Time Information		**Personnel and Time Information**	
LOS Crew	Revolution	Pump Time for Prop Frac (min)	151 min
Start Frac Date	06/16/17	Pump Time Wireline Pumpdown (min)	0 min
End Frac Date	06/17/17	LOS Down Time (min)	46 min
Total LOS HorsePower Hours (Mhhp*hr)	7.850 Mhhp*hr	Third-Party Down Time (min)	1,181 min
Maxima and Averages		**Pressure Analysis**	
Average Treating Pressure (psi)	2,896 psi	Initial ISIP (psi)	2,005 psi
Maximum Wellhead Pressure (psi)	3,673 psi	Initial FG (psi/ft)	0.724 psi/ft
Average Slurry Rate (bpm)	50.0 bpm	Final ISIP (psi)	1,611 psi
Maximum Wellhead Rate (bpm)	51.5 bpm	Final FG (psi/ft)	0.667 psi/ft
Total Fluid Volumes		**Total Fluid Volumes by Fluid Type**	
Pump Down Volume (bbl)	0 bbl	Fresh Water Volume	30 bbl
Total Clean Volume (bbl)	6,620 bbl	HCl-15 Volume	38 bbl
Total Slurry Volume (bbl)	7,355 bbl	LibertyFR Volume	896 bbl
		HCl-7.5 Volume	106 bbl
		25# Linear Guar Volume	218 bbl
		25# Justice Volume	4,816 bbl
		20# Justice Volume	516 bbl

TOTAL 6620 BBLS

Chemicals Billed for Total Job		**Total Proppant Pumped (BOL Weight)**	
LIBERTY CLEAN OUT FLUID G	17 GAL	WHITE SAND 40/70	181,840 lb
AQUCAR 714 (14% GLUT/QUAT BIOCIDE)	79 GAL	WHITE SAND 30/50	333,860 lb
CSA-23 (CLAY STABILITY ADDITIVE)	277 GAL	Proppant Handling & Storage	515,700 lb
FRP-E3-8 (FRICTION REDUCER)	38 GAL		
SFT-82 (GREEN MICELLAR DISPERSION)	251 GAL		
HCL-15 (15% HCl Acid)	2,944 GAL		
LGA-3J (Guar Slurry)	1,542 GAL		
SAFE-BFH (HIGH PH BUFFER)	108 GAL		
XLB-88 (Instant Borate Crosslinker)	297 GAL		
BLE-18 (Low Temp Encap Breaker)	100 LB		
BLR-18 (Raw AP Breaker)	35 LB	NC_WHITE SAND 40/70	
BHE-18 (High Temp Encap Breaker)	110 LB	NC_WHITE SAND 30/50	
Chemicals Billed on Stages		**Chemicals Billed on PumpDown**	
HCL-15 Volume For Frac Use	2,944 GAL		
ACI-97 Volume For Frac Use	12 gal		
ASF-67 Volume For Frac Use	12 gal		
Aqucar 714 Volume For Frac Use	79 gal		
CSA-23 Volume For Frac Use	277 gal		
SFT-82 Volume For Frac Use	251 gal		
FRP-E3-8 Volume For Frac Use	38 gal		
BHE-18 Volume For Frac Use	110 lbs		
BLE-18 Volume For Frac Use	100 lbs		
LGA-3J Volume For Frac Use	1,542 gal		
SAFE-BFH Volume For Frac Use	108 gal		
XLB-88 Volume For Frac Use	297 gal		
Liberty Clean Out Fluid Volume For Frac Use	17 GAL		
BLR-18 Volume For Frac Use	35 lbs		

LIBERTY OILFIELD SERVICES

TimeTracker

Agave Oil & Gas LLC Haas Pad

Engineer	QAQC	Supervisor	CustomerRep	Well	Stage	Type	Date/Time	Party	Main Event	Time	Complete	MHHP	LOS/3rd	Minutes	Notes
Brian Stanley	Ron Smith	Larance Eyman	Joel Mazza	Haas 1-29	1	Single	6/15/17 8:00	LOS	Rig UP	NP			LOS	375	Rig up with double crew
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/15/17 14:15	LOS	Rig UP	NP			LOS	584	Done rigging up front and backside. Wait to flood/bucket test/prime up & pressure test in AM.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/15/17 23:59	LOS	Rig UP	NP			LOS	273	
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 4:32	LOS	Prime UP	NP			LOS	148	Arrive back on location, begin flooding chems, install pop-off due to customer stated 6k working pressure maxx
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 7:00	LOS	Bucket Test	NP			LOS	65	Bucket test blender LA's, route LA4/Bio in recirc to hydro suction manifold.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 8:05	LOS	Prime UP	NP			LOS	15	Roll all 8 pumps and catch good prime.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 8:20	LOS	Pressure Test/SetPops	PUMP			LOS	44	Pressure test pumps and standing iron. Working on fixing weeping D ring on discharge crush cap.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 9:04	LOS	Frac	NPT/DT			LOS	42	Come up to rate, displace acid, perform stepdown test, come back up to rate and send 0.25ppa scour. Formation locked up. Attempt to surge.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 9:46	Customer	Screen out	PUMP		1.66	3rd	24	Attempt to flow back and get back into it
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 10:10	LOS	Frac	NPT/DT			LOS	4	Attempt to get back into it, immediately locked up.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 10:14	Customer	Screen out	NPT/DT			3rd	825	Customer has requested a switch to 25# gel system and has released crew until 6am. Plan is to re-perforate and try and establish injection with 25# linear system in lieu of Slickwater.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/16/17 23:59	Customer	Screen out	NPT/DT			3rd	356	
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/17/17 5:55	LOS	Frac	PUMP	Yes	7.85	LOS	151	Pumped to completion. Customer requested we drop gel to 20# system and ramp up to 5# to conserve fluid.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/17/17 8:26	LOS	5, 10 and 15 min SIP	NP			LOS	15	Customer requested 5, 10, 15.
Brian Stanley	Ron Smith	Mike Garza	Joel Mazza	Haas 1-29	1	Single	6/17/17 8:41	LOS	Rig Down	NP			LOS		Rig down with double crew.

Formation: Niobrara | Customer: Agave Oil & Gas, LLC | Casing: 5.5" 17# | Depth: -7742 | Capacity: 0.0232 bbl/ft

BHST: 170 F | Well Name: Haas 1-29 | Max Pressure | Max HHP

Number of Intervals: 1 | API: 05-039-06677 | 6,000 psi | 7,353 hhp

INTERVAL #	STAGE #	Rate	STAGE TYPE	FLUID TYPE	PROPPANT TYPE	PPA	DESIGN SLURRY RATE	DESIGN CLEAN VOLUME	CLEAN VOLUME		SLURRY VOLUME		PROPPANT			ADDITIVE CONCENTRATIONS										
									DESIGN	ACTUAL	DESIGN (CALC'D)	ACTUAL	STAGE DESIGN	CUMULATIVE STAGE DESIGN	CUMULATIVE JOB DESIGN	HCL-15	ACI-97	ASF-67	Aqucar 714	CSA-23	SFT-82	FRP-E3-8	BHE-18	BLE-18	LGA-3J	SAFE-BFH	XLB-88	BLR-18
		(bpm)					(BPM)	(GAL)	(BBL)	(BBL)	(BBL)	(BBL)	(LBS)	(LBS)	(LBS)	GAL	GPT	GPT	GPT	GPT	GPT	GPT	PPT	PPT	GPT	GPT	GPT	PPT
1	1	10	Breakdown	Fresh Water			10			14.6		15.4																
	2	11.4	Acid	HCl-15			10	1,000	23.8	38.4	23.8	39.2				1000.00	2.00	2.00										
	3	50	Pad	LibertyFR			25	9,000	214.3	278.6	214.3	301.8							0.25	1.00	1.00	0.75						
	4	30	Step Down Test	LibertyFR			25	3,000	71.4	38.0	71.4	45.0							0.25	1.00	1.00	0.75						
	5		Shut Down																									
	6	25	Pad	LibertyFR			25			118.0		119.5							0.25	1.00	1.00	0.75						
	7	27	PLF	LibertyFR	40/70 White	0.25	50	3,000	71.4	151.4	72.2	158.5	750	750	750				0.25	1.00	1.00	0.75						
	8	10	Pad	LibertyFR			50	12,000	285.7	179.2	285.7	189.0							0.25	1.00	1.00	0.75						
	9		Shut Down																									
	10	10	Pad	LibertyFR						10.4		13.0							0.25	1.00	1.00	0.75						
	11		Shut Down																									
	12	10	Breakdown	Fresh Water			10			15.0		16.0																
	13	10	Acid	HCl-7.5			10	1,000	23.8	106.0	23.8	106.0				2000.00	2.00	2.00										
	14	10	Pad	25# Linear Guar			25	12,000	285.7	218.0	285.7	220.0							0.25	1.00	1.00	0.75	0.50		6.25			
	15	50	Pad	25# Justice			25	3,000	71.4	325.0	71.4	336.4							0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	16	50	PLF	25# Justice	40/70 White	0.25	50	3,000	71.4	95.0	72.2	96.6	750	1,500	1,500				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	17	49.5	Pad	25# Justice			25	12,000	285.7	171.0	285.7	174.5							0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	18	50	PLF	25# Justice	40/70 White	0.5	50	3,000	71.4	339.0	73.0	353.5	1,500	3,000	3,000				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	19		Pad	25# Justice			25	12,000	285.7		285.7								0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	20		PLF	25# Justice	40/70 White	0.5	50	3,000	71.4		73.0		1,500	4,500	4,500				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	21		Pad	25# Justice			50	19,650	467.9		467.9								0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	22	50	PLF	25# Justice	40/70 White	1	50	11,950	284.5	301.0	297.4	322.0	11,950	16,450	16,450				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	23	49	PLF	25# Justice	40/70 White	1.5	50	17,500	416.7	480.0	444.9	525.0	26,250	42,700	42,700				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	24	49.9	PLF	25# Justice	40/70 White	2	50	17,500	416.7	473.0	454.4	526.0	35,000	77,700	77,700				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	25	49.9	PLF	25# Justice	40/70 White	3	50	15,300	364.3	394.0	413.7	454.0	45,900	123,600	123,600				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	26	49.9	PLF	25# Justice	40/70 White	4	50	13,050	310.7	302.0	366.9	364.0	52,200	175,800	175,800				0.25	1.00	1.00		0.50		6.25	0.40	1.30	
	27		PLF	25# Justice	40/70 White	4	50						0	175,800	175,800				0.25	1.00	1.00		1.00		6.25	0.40	1.30	
	28	50.1	PLF	25# Justice	30/50 White	2	50	17,500	416.7	426.0	454.4	475.0	35,000	210,800	210,800				0.25	1.00	1.00		1.00		6.25	0.40	1.30	
	29	50.1	PLF	25# Justice	30/50 White	2.5	50	21,800	519.0	589.0	577.8	673.0	54,500	265,300	265,300				0.25	1.00	1.00		1.50		6.25	0.40	1.30	
	30	49.9	PLF	25# Justice	30/50 White	3	50	27,275	649.4	301.0	737.6	347.0	81,825	347,125	347,125				0.25	1.00	1.00			1.50	6.25	0.40	1.30	
	31	50	PLF	25# Justice	30/50 White	3.5	50	23,950	570.2	355.0	660.5	418.0	83,825	430,950	430,950				0.25	1.00	1.00			2.00	6.25	0.40	1.30	
	32	50	PLF	25# Justice	30/50 White	4	50	17,450	415.5	265.0	490.7	318.0	69,800	500,750	500,750				0.25	1.00	1.00			1.00	5.00	0.40	1.30	1.00
	33	50	PLF	20# Justice	30/50 White	4.5	50			169.0		207.0	0	500,750	500,750				0.25	1.00	1.00			1.00	5.00	0.40	1.30	1.00
	34	50	PLF	20# Justice	30/50 White	5	50			347.0		423.0	0	500,750	500,750				0.25	1.00	1.00			1.00	2.50	0.40	1.30	1.00
	35	50	Flush	LibertyFR			50	6,700	159.5	120.0	159.5	119.0							0.25	1.00	1.00	0.75						2.00
	36		Shut Down																									

	Total Design Clean	Total Design Clean	Total Actual Clean	Total Design Slurry	Total Actual (Calc'd) Slurry	Total Design Proppant	Job Design Prop	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
	(GAL)	(BBL)	(BBL)	(BBL)	(BBL)	(LBS)	(LBS)	(GAL)	(gal)	(gal)	(gal)	(gal)	(gal)	(gal)	(gal)	(lbs)	(lbs)	(gal)	(gal)	(gal)	(lbs)
Total Job	**286,625**	**6,824.4**	**6,619.6**	**7,363.9**	**7,355.4**	**500,750**	**500,750**	**3,000**	**12**	**12**	**68**	**271**	**271**	**35**	**120**	**82**	**1,379**	**90**	**291**	**43**	

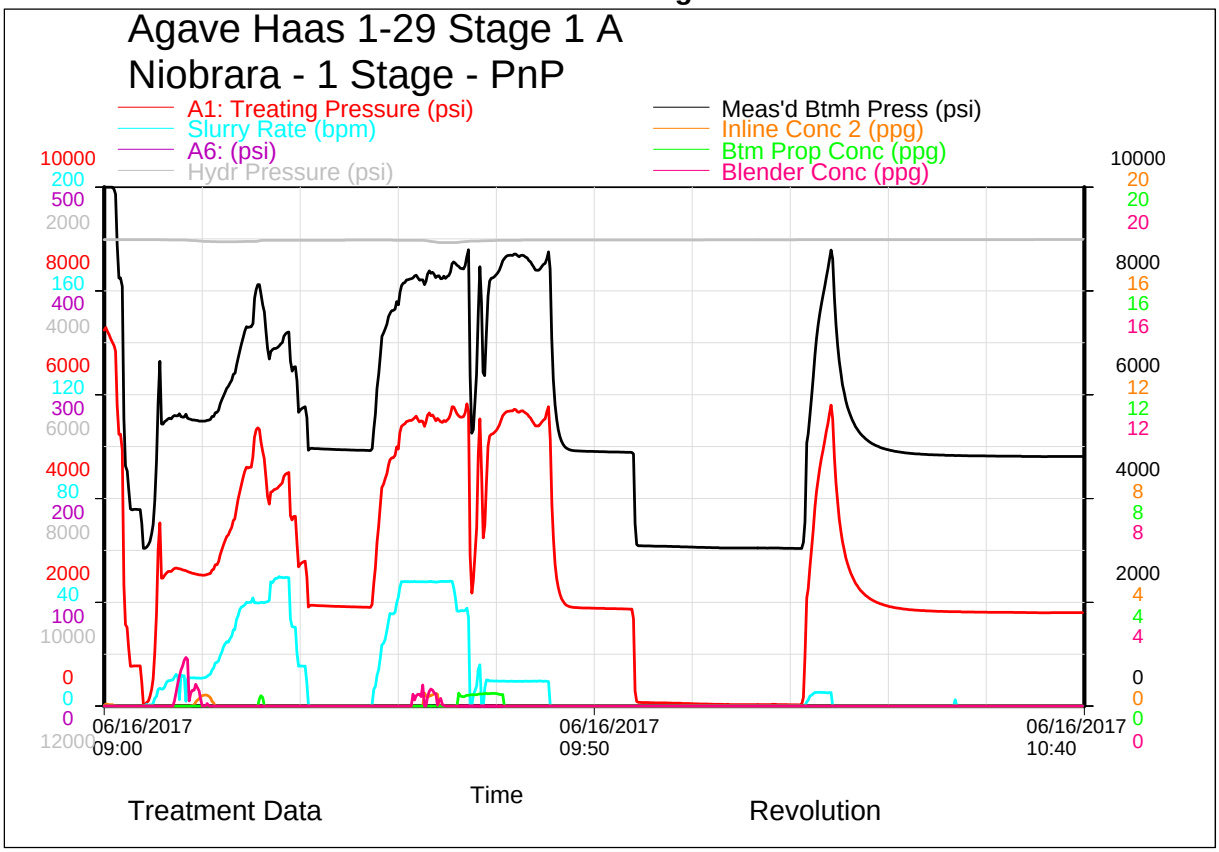
Fluid Volume Summary	Design (BBL)	Actual (BBL)
Fresh Water		30
HCl-15	23.8	38
LibertyFR	802.4	896
HCl-7.5	23.8	106
25# Linear Guar	285.7	218
25# Justice	5,688.7	4,816
20# Justice		516

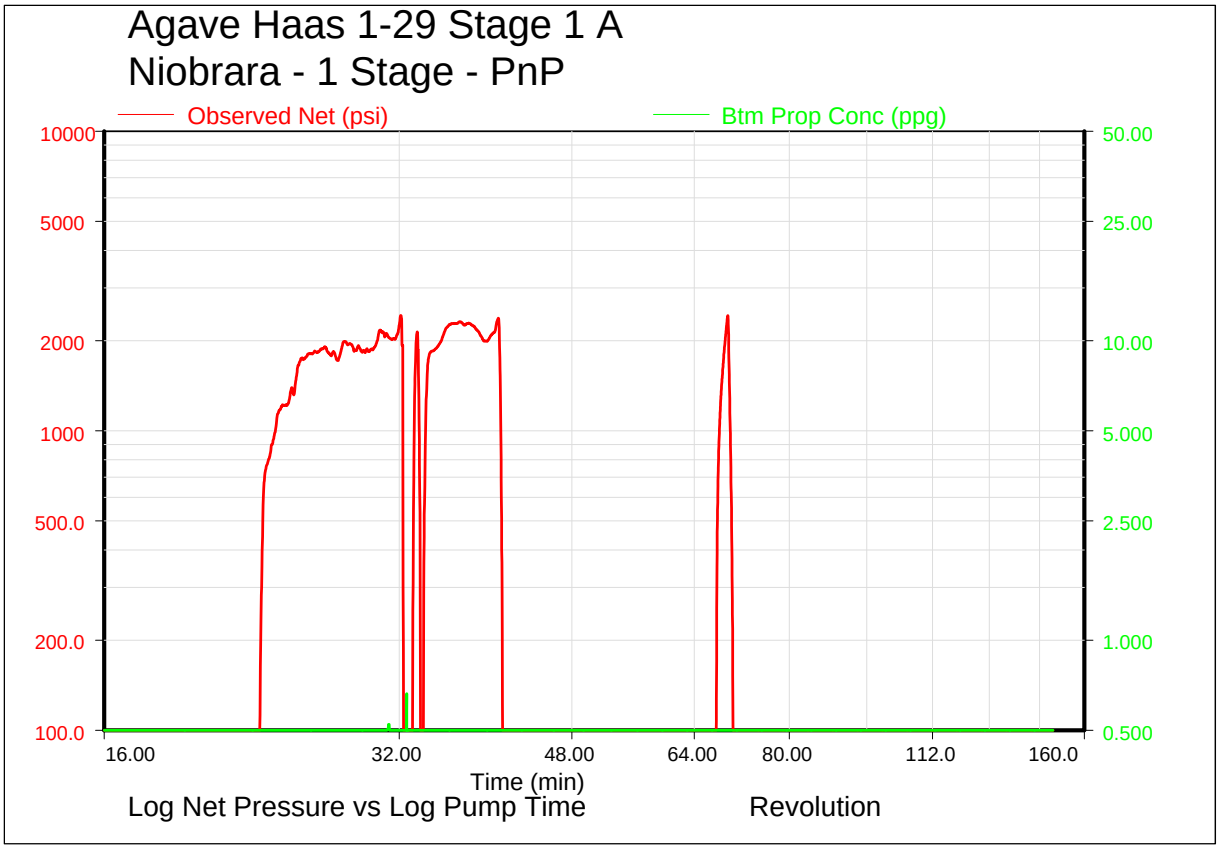
Pump Time
2 hrs 55 min

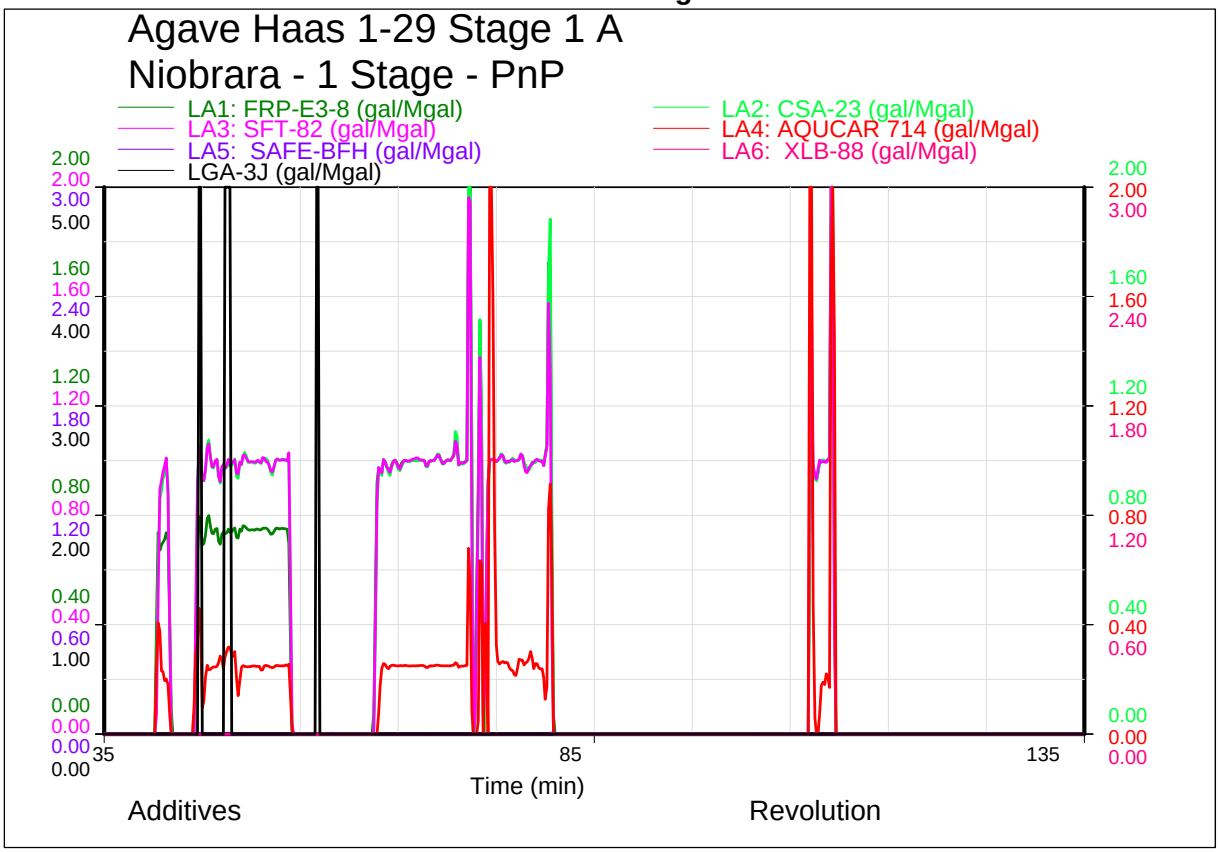
Proppant Type	Pounds
40/70 White	175,800
30/50 White	324,950

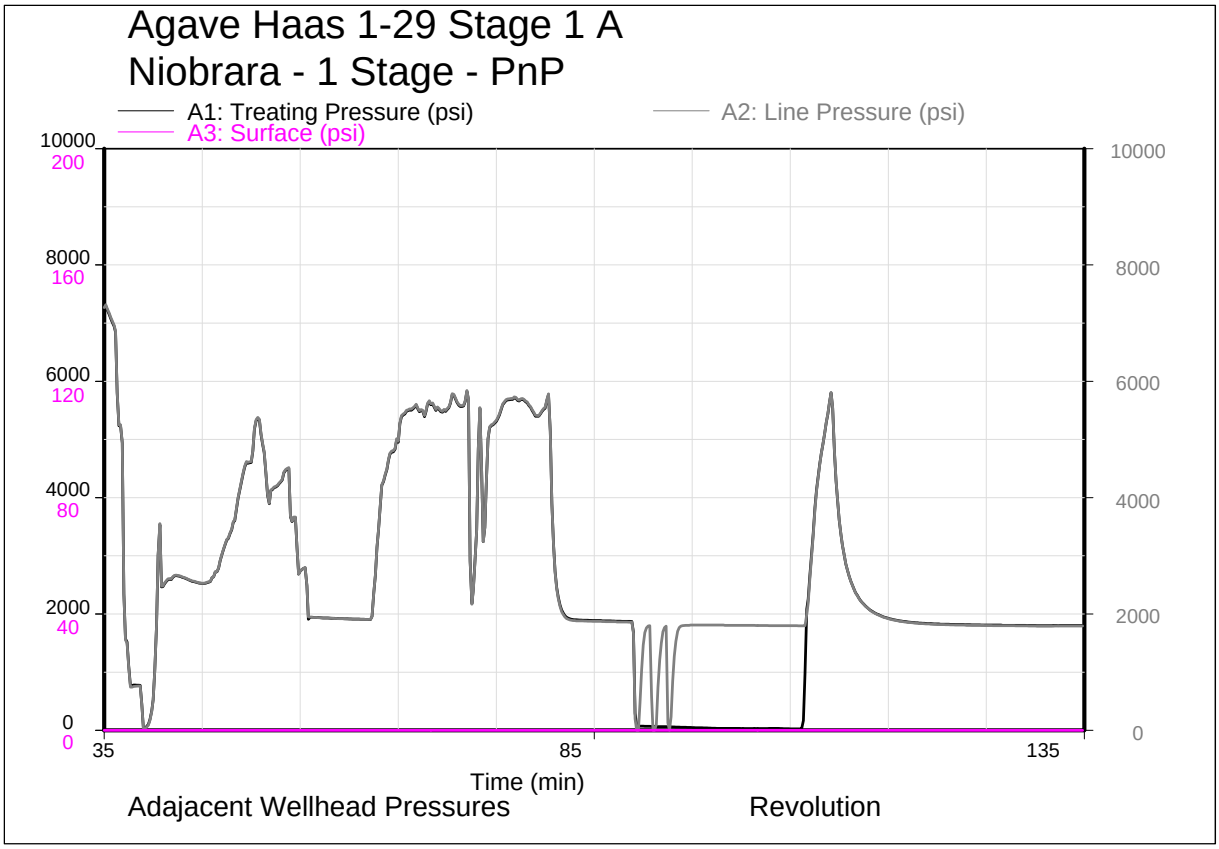
	HCL-15	ACI-97	ASF-67	Aqucar 714	CSA-23	SFT-82	FRP-E3-8	BHE-18	BLE-18	LGA-3J	SAFE-BFH	XLB-88	BLR-18
	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%
	3,450	14	14	78	311	311	40	138	94	1,586	103	335	49

*Above table represents Total Required, Total with Excess, and % Excess

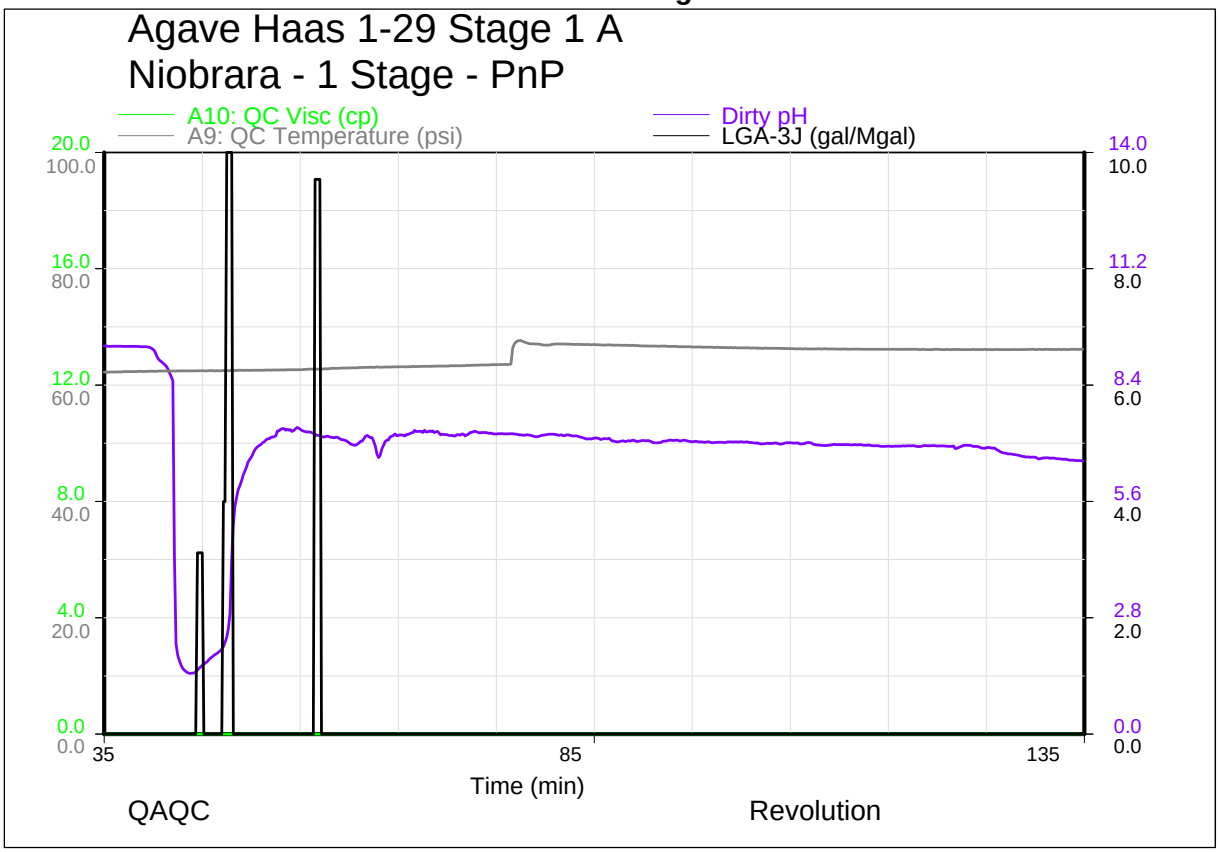

Agave Haas 1-29 Stage 1 A
Niobrara - 1 Stage - PnP
A1: Treating Pressure (psi)
Slurry Rate (bpm)
A6: (psi)
Hydr Pressure (psi)
Meas'd Btmh Press (psi)
Inline Conc 2 (ppg)
Btm Prop Conc (ppg)
Blender Conc (ppg)
06/16/2017 09:00
06/16/2017 09:50
06/16/2017 10:40
Time
Treatment Data
Revolution

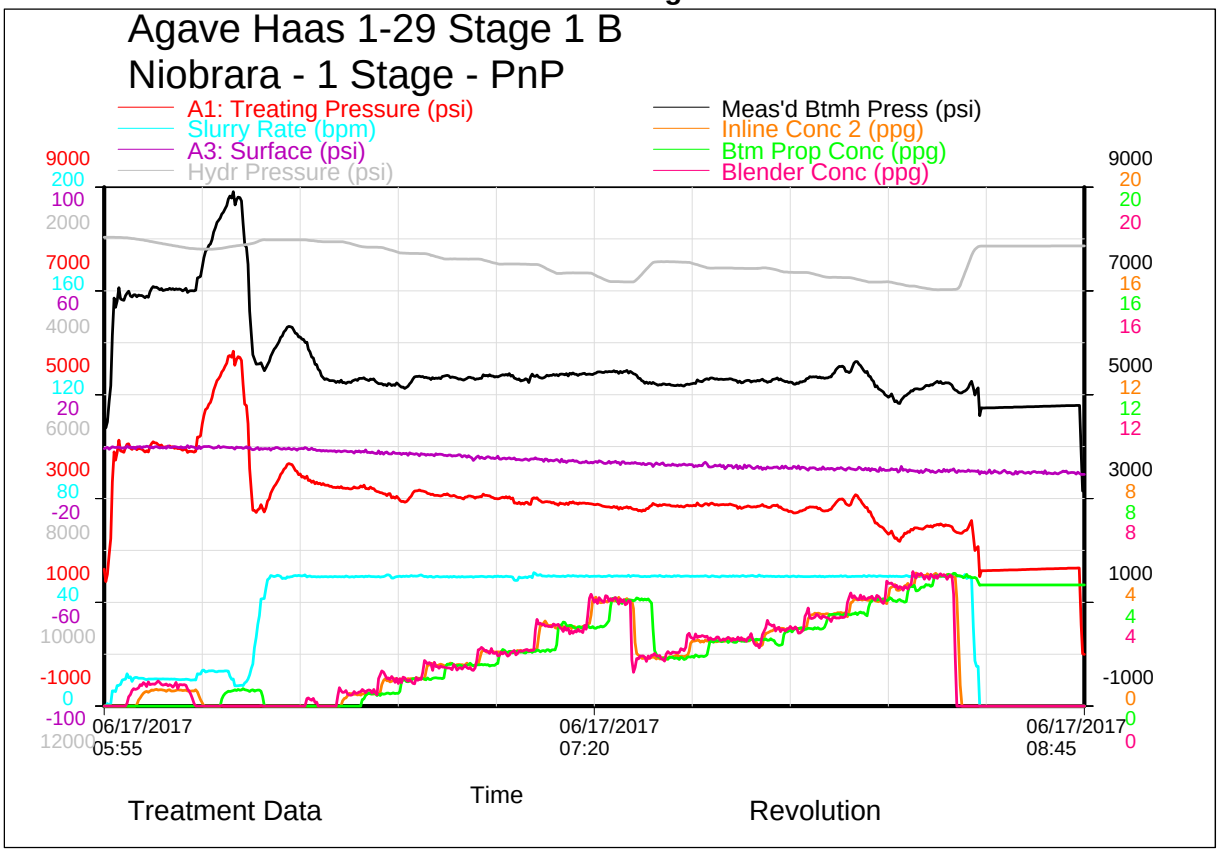

Agave Haas 1-29 Stage 1 A
Niobrara - 1 Stage - PnP
Observed Net (psi)
Btm Prop Conc (ppg)
16.00
32.00
48.00
64.00
80.00
112.0
160.0
Time (min)
Log Net Pressure vs Log Pump Time
Revolution

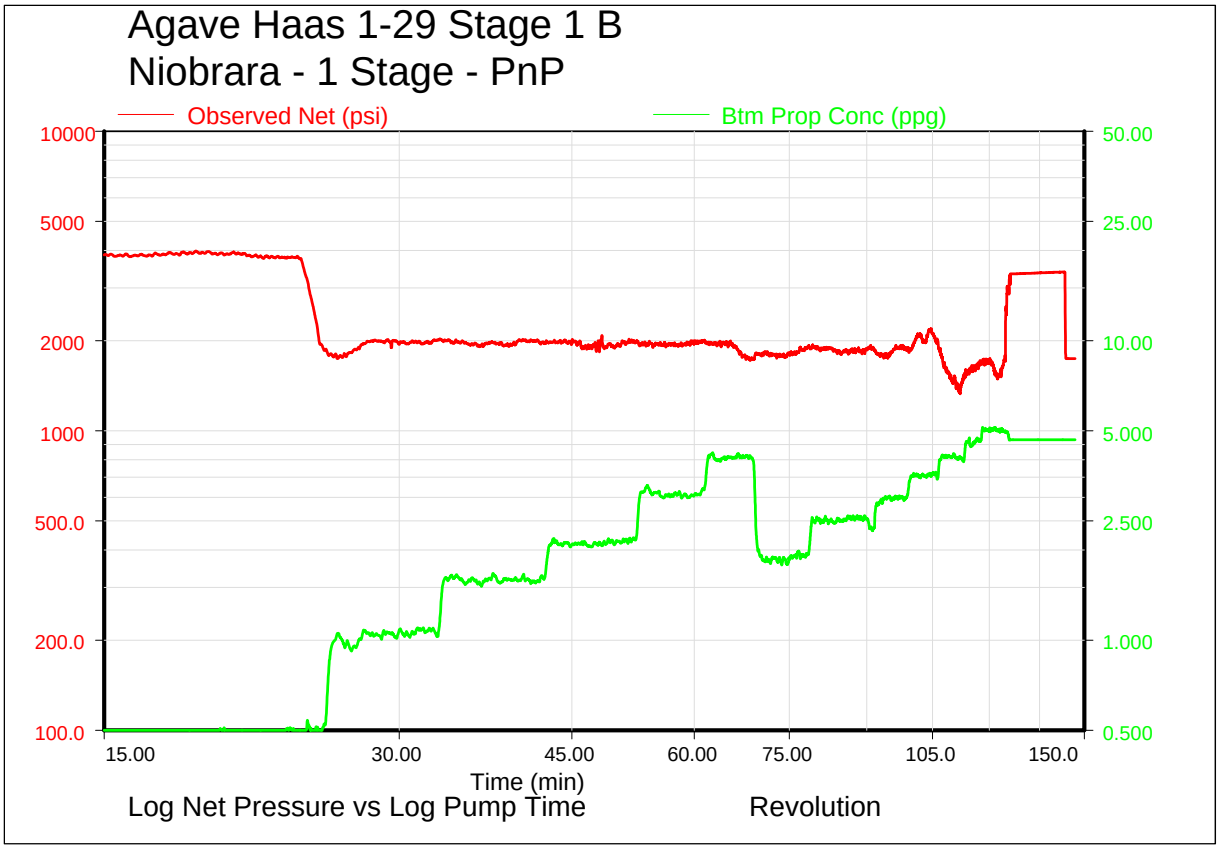

Agave Haas 1-29 Stage 1 A
Niobrara - 1 Stage - PnP
LA1: FRP-E3-8 (gal/Mgal)
LA2: CSA-23 (gal/Mgal)
LA3: SFT-82 (gal/Mgal)
LA4: AQUCAR 714 (gal/Mgal)
LA5: SAFE-BFH (gal/Mgal)
LA6: XLB-88 (gal/Mgal)
LGA-3J (gal/Mgal)
2.00 2.00 3.00 5.00
1.60 1.60 2.40 4.00
1.20 1.20 1.80 3.00
0.80 0.80 1.20 2.00
0.40 0.40 0.60 1.00
0.00 0.00 0.00 0.00
2.00 2.00 3.00
1.60 1.60 2.40
1.20 1.20 1.80
0.80 0.80 1.20
0.40 0.40 0.60
0.00 0.00 0.00
35
85
135
Time (min)
Additives
Revolution

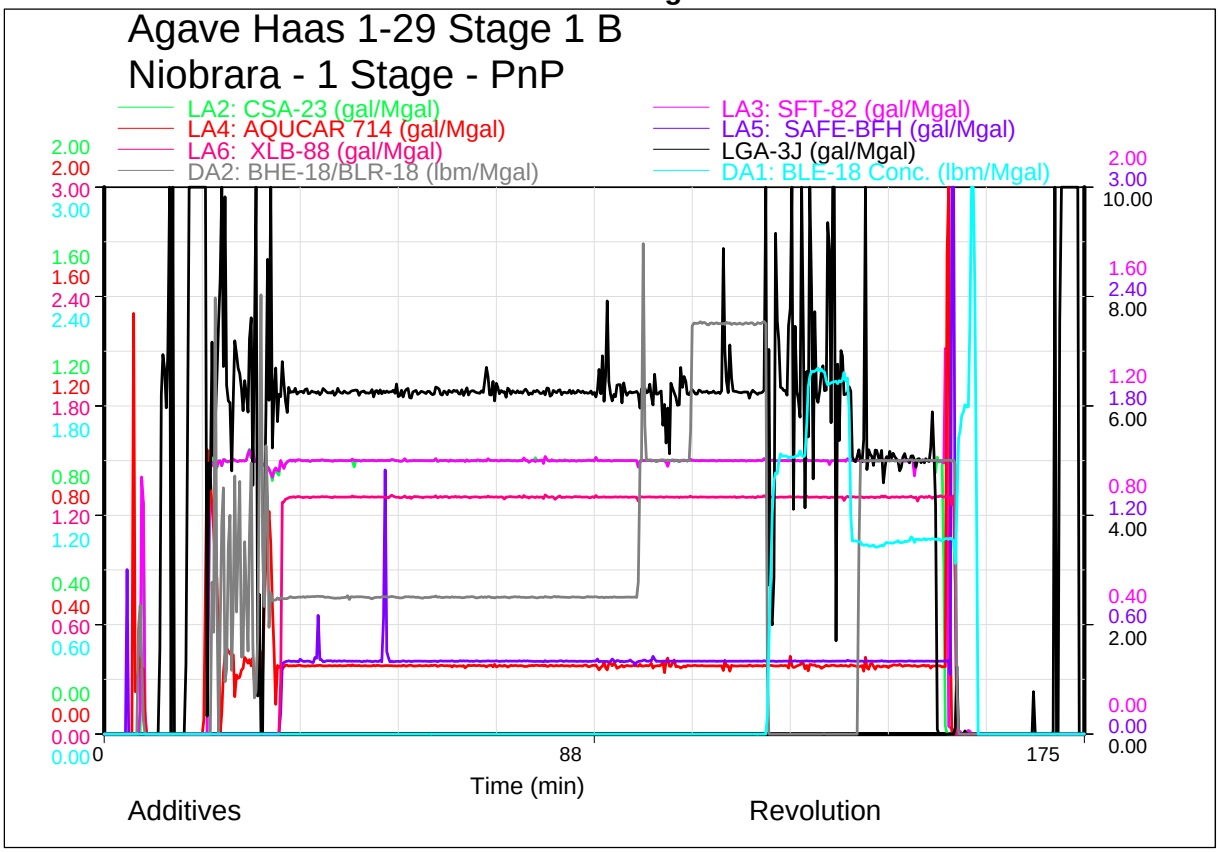

Agave Haas 1-29 Stage 1 A
Niobrara - 1 Stage - PnP
A1: Treating Pressure (psi)
A2: Line Pressure (psi)
A3: Surface (psi)
10000 200
8000 160
6000 120
4000 80
2000 40
0 0
10000
8000
6000
4000
2000
0
35
85
135
Time (min)
Adajacent Wellhead Pressures
Revolution

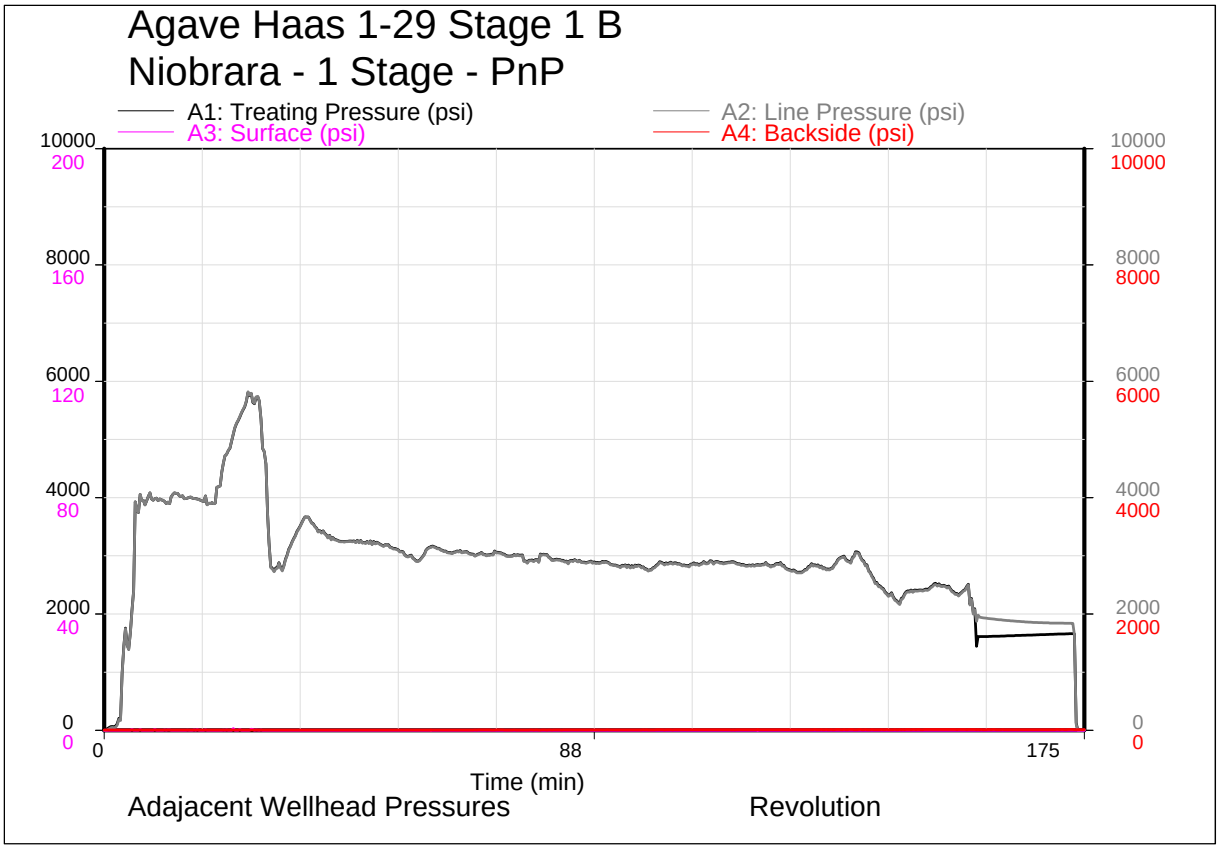
Haas 1-29 Stage 1



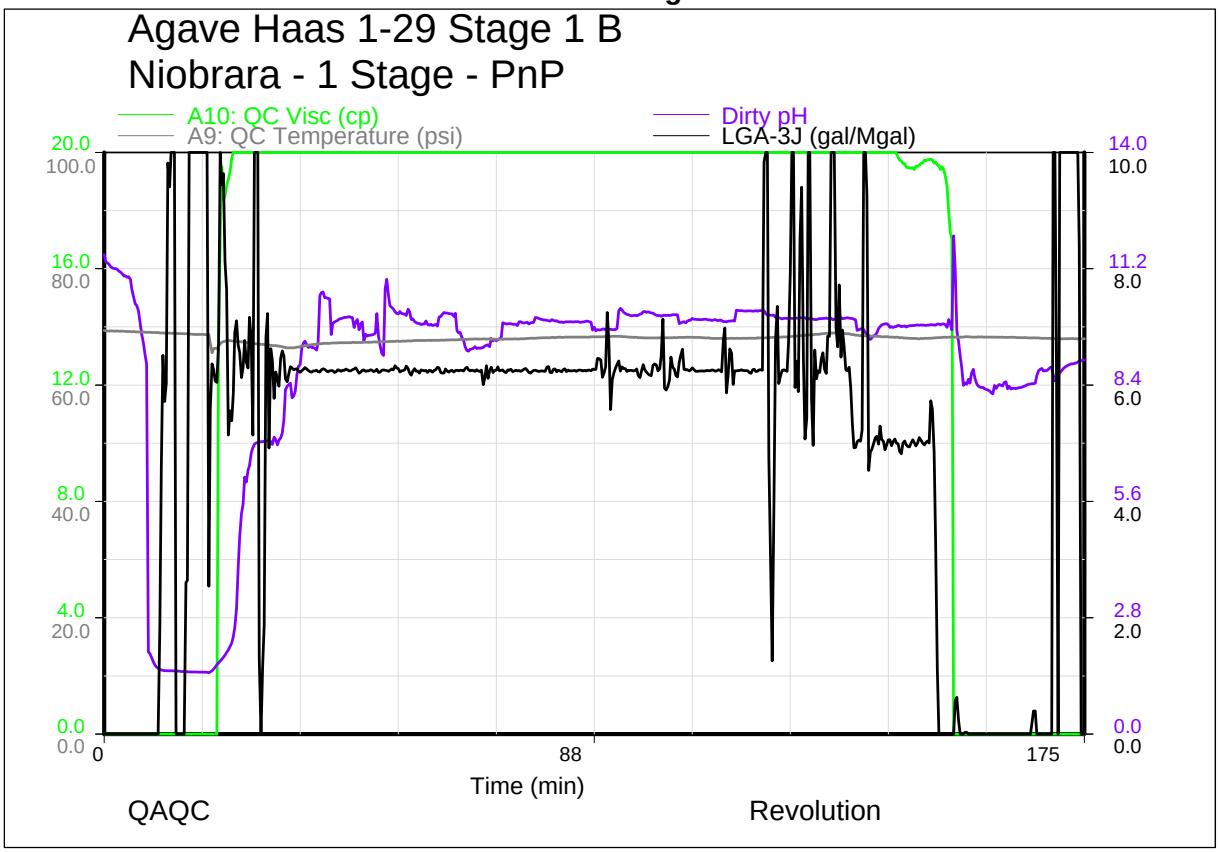

Agave Haas 1-29 Stage 1 B
Niobrara - 1 Stage - PnP
A1: Treating Pressure (psi)
Slurry Rate (bpm)
A3: Surface (psi)
Hydr Pressure (psi)
Meas'd Btmh Press (psi)
Inline Conc 2 (ppg)
Btm Prop Conc (ppg)
Blender Conc (ppg)
9000
200
100
2000
7000
160
60
4000
5000
120
20
6000
3000
80
-20
8000
1000
40
-60
10000
-1000
0
-100
12000
9000
20
20
20
7000
16
16
16
5000
12
12
12
3000
8
8
8
1000
4
4
4
-1000
0
0
0
06/17/2017
05:55
06/17/2017
07:20
06/17/2017
08:45
Time
Treatment Data
Revolution


Agave Haas 1-29 Stage 1 B
Niobrara - 1 Stage - PnP
Observed Net (psi)
Btm Prop Conc (ppg)
10000
5000
2000
1000
500.0
200.0
100.0
50.00
25.00
10.00
5.000
2.500
1.000
0.500
15.00
30.00
45.00
60.00
75.00
105.0
150.0
Time (min)
Log Net Pressure vs Log Pump Time
Revolution


Agave Haas 1-29 Stage 1 B
Niobrara - 1 Stage - PnP
LA2: CSA-23 (gal/Mgal)
LA4: AQUCAR 714 (gal/Mgal)
LA6: XLB-88 (gal/Mgal)
DA2: BHE-18/BLR-18 (lbm/Mgal)
LA3: SFT-82 (gal/Mgal)
LA5: SAFE-BFH (gal/Mgal)
LGA-3J (gal/Mgal)
DA1: BLE-18 Conc. (lbm/Mgal)
Time (min)
Additives
Revolution


Agave Haas 1-29 Stage 1 B
Niobrara - 1 Stage - PnP
A1: Treating Pressure (psi)
A3: Surface (psi)
A2: Line Pressure (psi)
A4: Backside (psi)
Time (min)
Adajacent Wellhead Pressures
Revolution

Haas 1-29 Stage 1B



LIBERTY OILFIELD SERVICES

Stage Summary

INTERVAL #	FLUID VOLUMES									PROPPANT MASSES				PROPPANT MASSES				Time
	Fresh Water Vol	HCl-15 Vol	LibertyFR Vol	HCl-7.5 Vol	25# Linear Guar Vol	25# Justice Vol	20# Justice Vol	TOTAL FLUID	Design vs. Actual Fluid	40/70 White Actual Weight	30/50 White Actual Weight	TOTAL PROP	Design vs. Actual Proppant	40/70 White Screw	30/50 White Screw	TOTAL PROP	Design vs. Actual Proppant	Frac Pump Time
	(BBL)	(BBL)	(BBL)	(BBL)	(BBL)	(BBL)	(BBL)	(BBL)	(% Complete)	(LBS)	(LBS)	(LBS)	(% Complete)	(LBS)	(LBS)	(LBS)	(% Complete)	(MIN)
1	30	38	896	106	218	4,816	516	6,620	97%	181,840	333,860	515,700	103%	182,772	340,654	523,426	105%	151

LIBERTY OILFIELD SERVICES

Pressure Summary

INTERVAL #	OPERATIONS PRESSURE ANALYSIS			MAXIMA		AVERAGES					INITIAL STEPDOWN ANALYSIS				NITIAL SHUT-IN PRESSURE			FINAL SHUT-IN PRESSURES					
	MAXIMUM OPERATING	GLOBAL OVERTRIP	PRESSURE TEST	Pressure	Rate	Pressure	Rate	Visc.	Temp.	pH	INJECTION RATE	NWB FRICTION	PERF. FRICTION	Perfs Open	ISIP	BHISIP	FG	ISIP	BHISIP	5min SIP	10min SIP	15min SIP	FG
	(PSI)	(PSI)	(PSI)	(PSI)	(BPM)	(PSI)	(BPM)	(cP)	(F)		(BPM)	(PSI)	(PSI)	(#)	(PSI)	(PSI)	(PSI/FT)	(PSI)	(PSI)	(PSI)	(PSI)	(PSI)	(PSI/FT)
1	6,000	6,000	7,350	3,673	51.5	2,896	50.0	20.0	70.0	9.79	50.2	1,371	1,109	16	2,005	4,991	0.724	1,611	4,597	1,621	1,637	1,653	0.667

LIBERTY OILFIELD SERVICES

Chemical Summary

INTERVAL #	Category	HCL-15	ACI-97	ASF-67	Aqucar 714	CSA-23	SFT-82	FRP-E3-8	BHE-18	BLE-18	LGA-3J	SAFE-BFH	XLB-88	Liberty Clean Out Fluid	BLR-18
1	StageTicket	2,944	12	12	79	277	251	38	110	100	1,542	108	297	17	35
Total	NoCharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TotalTicket	2,944	12	12	79	277	251	38	110	100	1,542	108	297	17	35
	JobDifference	-56	0	0	11	6	-20	3	-10	18	88	18	6	17	-8
	JobVariance	-1.9%	-1.1%	-1.1%	16.7%	2.3%	-7.3%	8.3%	-8.4%	22.6%	6.3%	20.6%	2.0%	0.0%	-18.4%

June 17, 2017

30/50 White Proppant BOL Summary

30/50 White									
	Delivered: 333,860		-8,910	On Location: 0		StgPmpd: 0	Total Design:	324950	
SI Number	Date	Facility	Vendor BOL	BOL Weight	Left on Location	Box (MB) Number	Well	Stage	Comment
1,001	6/14 11:19	RFI	157501	19,020		466			
1,002	6/14 11:19	RFI	157487	25,990		697			
1,003	6/14 11:19	RFI		25,990		617			
1,004	6/14 11:19	RFI	157498	27,690		484			
1,005	6/14 11:19	RFI		27,690		581			
1,006	6/14 11:19	RFI	157489	25,240		663			
1,007	6/14 11:19	RFI		25,240		1140			
1,008	6/14 11:19	RFI	157488	25,730		766			
1,009	6/14 11:19	RFI		25,730		820			
1,010	6/14 11:19	RFI	157494	27,260		482			
1,011	6/14 11:19	RFI		27,260		1149			
1,012	6/14 11:19	RFI	157491	25,510		529			
1,013	6/14 11:19	RFI		25,510		726			

30/50 White Proppant Summary

Total Delivered									333,860
Left On Location									0
Amount Pumped On Haas 1-29									**333,860**
TOTAL PUMPED									**333,860**

June 17, 2017

40/70 White Proppant BOL Summary

40/70 White									
	Delivered: 181,840		-6,790	On Location: 0		StgPmpd: 0	Total Design: 175,050		
SI Number	Date	Facility	Vendor BOL	BOL Weight	Left on Location	Box (MB) Number	Well	Stage	Comment
1,001	6/14 11:34	RFI	157493	26,600		1449			
1,002	6/14 11:34	RFI		26,600		1436			
1,003	6/14 11:34	RFI	157490	27,800		1472			
1,004	6/14 11:34	RFI		27,800		1445			
1,005	6/14 11:34	RFI	157492	26,310		633			
1,006	6/14 11:34	RFI		26,310		679			
1,007	6/14 11:34	RFI	157502	20,420		1450			

40/70 White Proppant Summary

Total Delivered									181,840
Left On Location									0
Amount Pumped On Haas 1-29									**181,840**
TOTAL PUMPED									**181,840**

LIBERTY
OILFIELD SERVICES

Agave Oil & Gas LLC

Haas #1-29
Single Stage 20# Borate Design

Neal Hageman

02-201703-43

LIBERTY
OILFIELD SERVICES

LOS District	DJ Basin
LOS Sales Contact	Reagan/Frey/Losacano
Proposal Generated By	Ryan Frey
LOS Operations Contact	Tim Hohn

Field / Prospect	
Well/Project Name	Haas #1-29
AFE # / API	05-039-06677
Well Location	NWSE 29 7S62W 6 PM
Well Coordinates	39.40961/-104.3545
State, County	Elbert, CO
Well Acreage	

Completion Type	Plug and Perf
Lateral Length	Vertical
Formation	Niobrara
Cemented/Open Hole	Cemented
Number of Stages	1
Main Fluid Type	Hybrid

LIBERTY OILFIELD SERVICES

Agave Oil & Gas LLC

Haas #1-29

Stage	Step	STAGE TYPE	PPA	FLUID	Proppant		CLEAN VOLUME			SLURRY VOLUME			PROPPANT		ker Concentrati	ADDITIVES Concentrations									
#	#			TYPE	TYPE	Pump rate (BPM)	STAGE (GAL)	(BBL)	CUM. (BBL)	STAGE (GAL)	(BBL)	CUM. (BBL)	STAGE (LBS)	CUM (LBS)	BLR-18 (Raw AP Breaker)	BLE-18 (Low Temp Encap Breaker)	XLB-88 (Instant Borate Crosslinker)	SAFE-BFH (HIGH PH BUFFER)	LGA-3J (Guar Slurry)	HCL-15 (15% HCl Acid)	SFT-82 (GREEN MICELLAR DISPERSION)	FRP-E3-8 (FRICTION REDUCER)	CSA-23 (CLAY STABILITY ADDITIVE)	AQUCAR 714 (14% GLUT/QUAT BIOCIDE)
1	1	Acid		15% HCL		12	1,000	24	24	1000	24	24	0	0						1,000.00				
1	2	Pad		Liberty FR		50	12,000	286	310	12000	286	310	0	0							1.00	0.75	1.00	0.25
1	3	PLF	0.25	Liberty FR	WHITE SAND 40/70	50	3,000	71	381	3034	72	382	750	750							1.00	0.75	1.00	0.25
1	4	Pad		Liberty FR		50	12,000	286	667	12000	286	667	0	750							1.00	0.75	1.00	0.25
1	5	PLF	0.5	Liberty FR	WHITE SAND 40/70	50	2,000	48	714	2045	49	716	1,000	1,750							1.00	0.75	1.00	0.25
1	6	Pad		Liberty FR		50	12,000	286	1,000	12000	286	1,002	0	1,750							1.00	0.75	1.00	0.25
1	7	PLF	0.5	Liberty FR	WHITE SAND 40/70	50	4,000	95	1,095	4090	97	1,099	2,000	3,750							1.00	0.75	1.00	0.25
1	8	Pad		20# Linear Gel		50	19,650	468	1,563	19650	468	1,567	0	3,750					5.00		1.00		1.00	0.25
1	9	PLF	1	20# Linear Gel	WHITE SAND 40/70	50	11,950	285	1,848	12491	297	1,865	11,950	15,700					5.00		1.00		1.00	0.25
1	10	PLF	1.5	20# Linear Gel	WHITE SAND 40/70	50	17,500	417	2,264	18688	445	2,309	26,250	41,950					5.00		1.00		1.00	0.25
1	11	PLF	2	20# Linear Gel	WHITE SAND 40/70	50	17,500	417	2,681	19084	454	2,764	35,000	76,950					5.00		1.00		1.00	0.25
1	12	PLF	3	20# Linear Gel	WHITE SAND 40/70	50	15,300	364	3,045	17377	414	3,178	45,900	122,850					5.00		1.00		1.00	0.25
1	13	PLF	4	20# Linear Gel	WHITE SAND 40/70	50	13,050	311	3,356	15412	367	3,545	52,200	175,050					5.00		1.00		1.00	0.25
1	14	PLF	2	20# Xlink Gel	WHITE SAND 30/50	50	17,500	417	3,773	19084	454	3,999	35,000	210,050		1.00	1.30	0.60	5.00		1.00		1.00	0.25
1	15	PLF	2.5	20# Xlink Gel	WHITE SAND 30/50	50	21,800	519	4,292	24266	578	4,577	54,500	264,550		1.00	1.30	0.60	5.00		1.00		1.00	0.25
1	16	PLF	3	20# Xlink Gel	WHITE SAND 30/50	50	27,275	649	4,941	30977	738	5,314	81,825	346,375		1.00	1.30	0.60	5.00		1.00		1.00	0.25
1	17	PLF	3.5	20# Xlink Gel	WHITE SAND 30/50	50	23,950	570	5,511	27743	661	5,975	83,825	430,200		1.00	1.30	0.60	5.00		1.00		1.00	0.25
1	18	PLF	4	20# Xlink Gel	WHITE SAND 30/50	50	17,450	415	5,927	20608	491	6,465	69,800	500,000	15.00	1.00	1.30	0.60	5.00		1.00		1.00	0.25
1	19	Flush		Liberty FR		50	6,700	160	6,086	6700	160	6,625	0	500,000							1.00	0.75	1.00	0.25
1	20	Shut Down				0	0	0	6,086	0	0	6,625	0	500,000										
								Total		Total	Total		Total			Total	Total	Total	Total	Total	Total	Total	Total	Total
Total Job							255,625	6,086		278,248	6,625		500,000		262	108	140	65	1015	1000	255	39	255	64

Proppant name	S.G.	Total Pounds	Proppant name	S.G.	Total Pounds
WHITE SAND 40/70	2.65	175,050			
WHITE SAND 30/50	2.65	324,950			

Pump Time: 2hr 14min

Fluid System		Total Gals	Fluid System		Total Gals
Liberty Cleanout Fluid		-	20# Xlink Gel		107,975
Liberty FR		51,700	0		-
Treated Water		-	0		-
15% HCL		1,000	0		-
20# Linear Gel		94,950	0		-

General Definitions for Quoted Items - Slick water treatment
Frac Spread: The above specified total reflects the total charges for a minimum frac spread which would include the following: (1) Three hours of stage time (includes fracture treatment);(2) frac pumps capable of quoted rate. Maximum pressure is 9,500psi; (3) one blender; (4) one hydration unit; (5) three chemical trucks; (6) one iron truck; (7) three sand storage units;(8) water suction manifold and frac manifold; (9) two densiometers and two mechanical pop-up valves; (10) one data acquisition and control van; (11) Realtime FracproPT BH Calculations; (12) two supervisors; one e-tech, one mechanic and one engineer; (13) all applicable surcharges except for and excluding winter, slickwater with ceramic and fuel surcharges; and (14) one injection for perf/plug pump down. However, the total charges paid by Company to Contractor will increase in the event that additional equipment, employees or services/work are provided to Company beyond those contemplated in the immediately preceding sentence.
Spread Standby Charge: The frac standby charge specified above shall apply and be payable by the Company to Contractor in all cases where the Contractor is in readiness to begin or resume operations, work or other services for the Company, but Contractor is waiting on orders from the Company to resume operations or waiting on 3rd party operations. This hourly charge shall be prorated by Contractor in fifteen (15) minute increments for all additional hourly charges to be paid by Company to Contractor.
Spread Additional Hours Charge: The frac spread additional hours charge specified above shall apply and be payable by the Company to the Contractor in all cases when cumulative pump time for the stage exceeds 180 minutes (excluding the time for one perforating gun pump-down injection if included) for plug&perf design. In such event, the frac spead additional hours charge shall be paid by the Company to the Contractor for all time in excess of such three (3) hour period which additional hourly charge shall be prorated by Contractor in fifteen (15) minute increments for all additional hourly charges to be paid by Company to Contractor.
Frac-Spread Rig-Up Charge: The frac spread rig-up charge specified above shall be payable to Contractor by Company for each unit provided by Contractor to Company for the first stage of each of Company's wells for which Contractor performs services or work for the Company hereunder and Contractor shall invoice the Company for such amount on the first invoice for the first stage of such well.
Winter Surcharge: The winter surcharge specified above shall be paid by the Company to Contractor for each stage of any well for which Contractor provides work or services to the Company hereunder during the period commencing on October 1st at 0:00 AM CST and ending at 11:59 PM CST on March 31st of each year.
Routine Maintenance: 45 minutes of maintenance is allowed between stages when more than one well is treated on the same pad and will not count against LOS downtime.

LABORATORY REPORT

Agave Oil & Gas

Haas 1-29

June 12, 2017

Submitted by: Scott Arnold

Prepared for: Agave Oil & Gas

Liberty Oilfield Services
Henderson Laboratory
9540 E 104th Ave.
Henderson, CO 80640

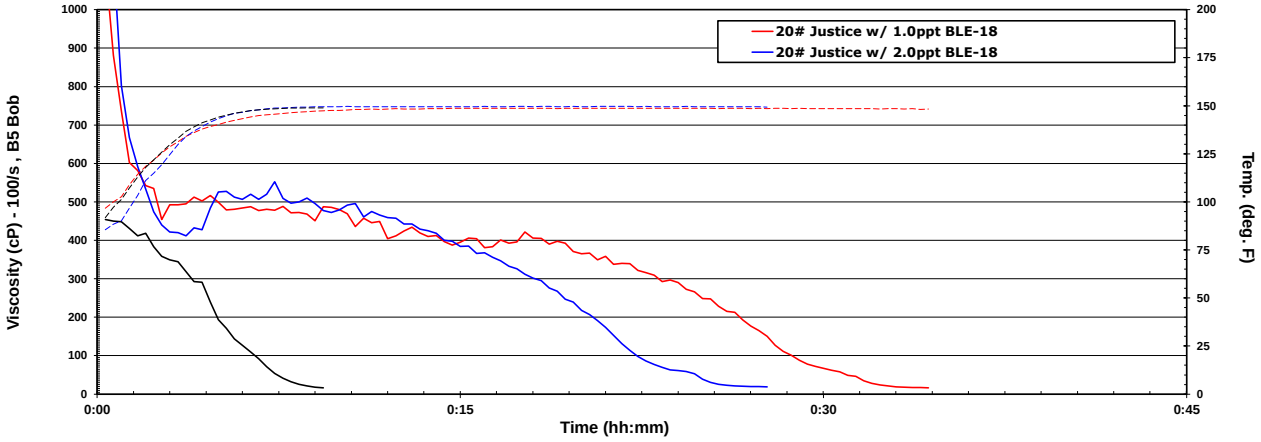
Liberty Oilfield Services
Henderson Laboratory
9540 E 104th Ave.
Henderson, CO 80640

LIBERTY OILFIELD SERVICES

Client: Agave Oil & Gas
Well/Project: Haas 1-29
Formation: Niobrara/Codell
Interval Depth (TVD): Unknown ft.
Est. BHST: 170 deg F.
Submitted by: Scott Arnold

Testing Date(s): June 1, 2017

FLUID RHEOLOGY REPORT



FLUID FORMULATION

Additive Summary

		20# Justice w/ 1.0ppt BLE-18	20# Justice w/ 2.0ppt BLE-18	20# Justice w/ 1.0ppt BLE-18 and 1.0ppt BLR-18
LGA-3J (Guar slurry)	gpt	5.00	5.00	5.00
CSA-23 (Clay Stability Additive)	gpt	1.00	1.00	1.00
BLE-18 (Low Temp Breaker)	ppt	1.00	2.00	1.00
BLR-18 (Raw Breaker)	ppt	X	X	1.00
XLB-88 (Instant Borate X-linker)	gpt	1.30	1.30	1.30
Aquacar 714	gpt	0.25	0.25	0.25
Safe-BFH	gpt	0.40	0.40	0.40
SFT-82	gpt	1.00	1.00	1.00

Water Analysis

	Treated	
Temp deg F	73.6	
SG mg/L	1.000	
SG @ 60F mg/L	1.003	
pH	7.49	
Chloride Cl- mg/L	13	
Potassium K+ mg/L	143	
Sodium Na+ mg/L	152	
Bicarbonates HCO3- mg/L	366	
Iron Fe2+ mg/L	NIL	
Total Iron Fe2+ & Fe3+ mg/L	1	
Calcium Ca 2+ mg/L	40	
Sulfates SO4(2-) mg/L	NIL	
Total Hardness mg/L	60	
Reducing Agents P / NP	NP	
Phosphates PO4(3-) mg/L	6	
TDS mg/L	2,992	

Test Specifications

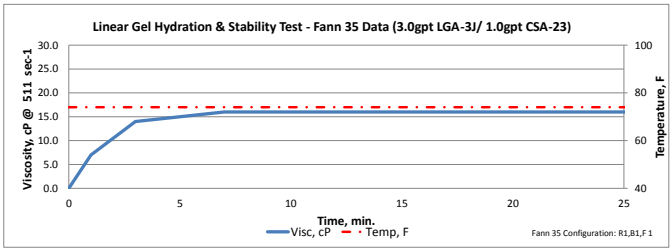
	20# Justice w/ 1.0ppt BLE-18	20# Justice w/ 2.0ppt BLE-18	w/ 1.0ppt BLE-18 and 1.0ppt BLR-18
Temperature, Deg F:	150	150	150
Temperature Ramp?:	No	No	No
Bob Size:	B5	B5	B5
Shear Rate:	100/s	100/s	100/s
API Shear Scan:	No	No	No

Base Gel Summary

Target Viscosity, cP:	16.0	16.0	16.0
Initial Hydration Time, min:	7.0	7.0	7.0
Initial Viscosity, cP:	16.0	16.0	16.0
Gel Adjustment, gpt:	NT	NT	NT
Adjusted Hydrated, cP:	NT	NT	NT
Water Source:	source	source	source

pH Summary

Base Fluid pH:	8.18	8.18	8.18
Buffered pH:	10.48	10.48	10.48
X-link pH:	9.92	9.92	9.92
End pH:	9.61	9.61	9.61



LABORATORY REPORT

Agave Oil & Gas

Haas 1-29

June 16, 2017

Submitted by: Irma Vazquez
Scott Arnold

Prepared for: Agave Oil & Gas

Liberty Oilfield Services
Henderson Laboratory
9540 E 104th Ave.
Henderson, CO 80640

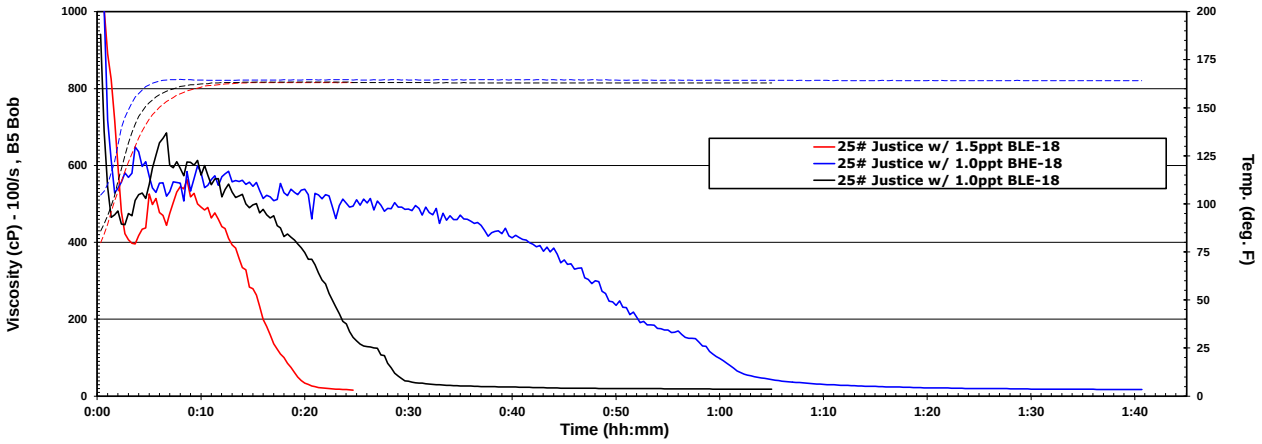
Liberty Oilfield Services
Henderson Laboratory
9540 E 104th Ave.
Henderson, CO 80640

LIBERTY OILFIELD SERVICES

Client: Agave Oil & Gas
Well/Project: Haas 1-29
Formation: Niobrara/Codell
Interval Depth (TVD): Unknown ft.
Est. BHST: 170 deg F.
Submitted by: Irma Vazquez
Scott Arnold

Testing Date(s): June 1, 2017

FLUID RHEOLOGY REPORT



FLUID FORMULATION

Additive Summary

		25# Justice w/ 1.5ppt BLE-18	25# Justice w/ 1.0ppt BHE-18	25# Justice w/ 1.0ppt BLE-18
LGA-3J (Guar slurry)	gpt	6.25	6.25	6.25
CSA-23 (Clay Stability Additive)	gpt	1.00	1.00	1.00
BLE-18 (Low Temp Breaker)	ppt	1.50	X	1.00
BLR-18 (Raw Breaker)	ppt	X	X	X
XLB-88 (Instant Borate X-linker)	gpt	1.30	1.30	1.30
Aquacar 714 (Biocide)	gpt	0.25	0.25	0.25
Safe-BFH (High pH buffer)	gpt	0.35	0.30	0.35
SFT-82 (Surfactant)	gpt	1.00	1.00	1.00
BHE-18 (High Temp Breaker)	ppt	X	1.00	X

Water Analysis

	Treated
Temp deg F	73.6
SG mg/L	1.000
SG @ 60F mg/L	1.003
pH	7.49
Chloride Cl- mg/L	13
Potassium K+ mg/L	143
Sodium Na+ mg/L	152
Bicarbonates HCO3- mg/L	366
Iron Fe2+ mg/L	NIL
Total Iron Fe2+ & Fe3+ mg/L	1
Calcium Ca 2+ mg/L	40
Sulfates SO4(2-) mg/L	NIL
Total Hardness mg/L	60
Reducing Agents P / NP	NP
Phosphates PO4(3-) mg/L	6
TDS mg/L	2,992

Test Specifications

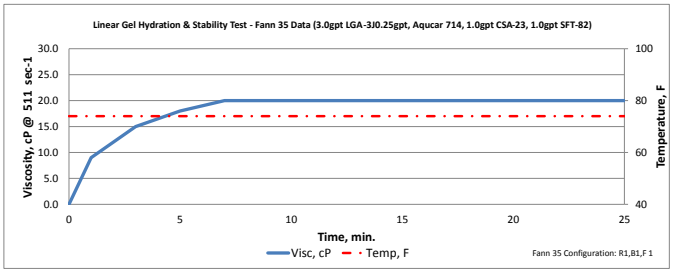
	25# Justice w/ 1.5ppt BLE-18	25# Justice w/ 1.0ppt BHE-18	25# Justice w/ 1.0ppt BLE-18
Temperature, Deg F:	165	165	165
Temperature Ramp?:	No	No	No
Bob Size:	B5	B5	B5
Shear Rate:	100/s	100/s	100/s
API Shear Scan:	No	No	No

Base Gel Summary

Target Viscosity, cP:	21.0	21.0	21.0
Initial Hydration Time, min:	7.0	7.0	7.0
Initial Viscosity, cP:	20.0	20.0	20.0
Gel Adjustment, gpt:	NT	NT	NT
Adjusted Hydrated, cP:	NT	NT	NT
Water Source:	source	source	source

pH Summary

Base Fluid pH:	8.17	8.21	8.28
Buffered pH:	10.52	10.55	10.53
X-link pH:	9.67	9.55	10.05
End pH:	9.48	9.50	9.51



LIBERTY OILFIELD SERVICES

On-Site QC Report

Customer: Agave
Well: Haas 1-29
Date Submitted: 06/15/17

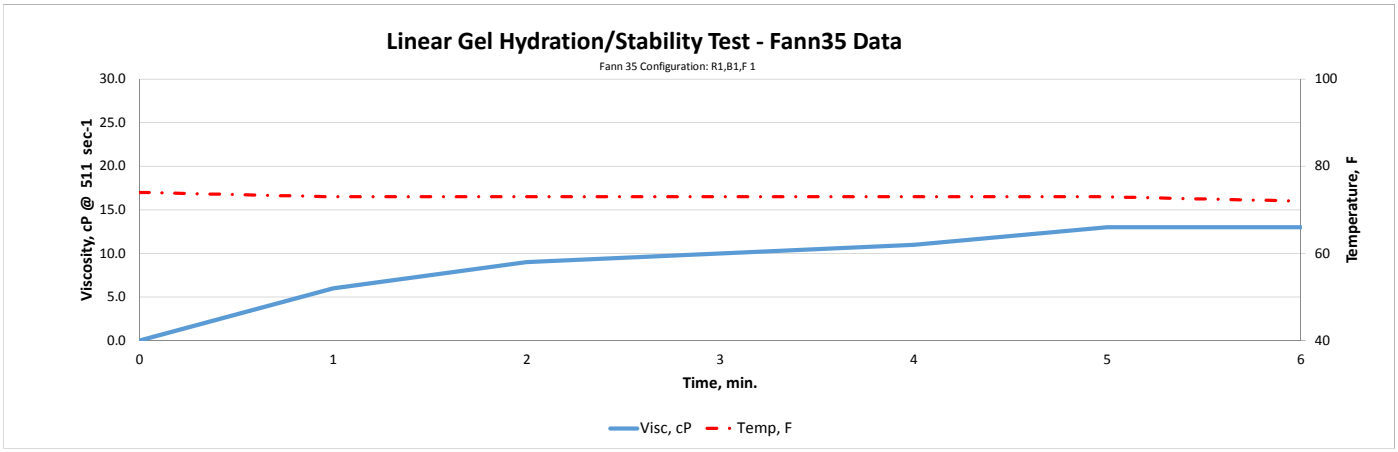
Submitted by: Crystal Salyers

On-Site Fluid Rheology

Fluid Adds		20#	
Product Name	**Function**	**Conc.**	**Unit**
Aqucar 714	Biocide	0.25	gpt
CSA-23	Clay Stabalizer	1.00	gpt
SFT-82	Surfactant	1.00	gpt
FRP-E3-8	Friction Reducer	0.75	gpt
LGA-3J	Guar Slurry	5.00	gpt
Safe-BFH	High pH Buffer	0.40	gpt
XLB-88	Instant Borate Crosslinker	1.30	gpt
	#N/A		gpt

Fluid Properties	
Source Water pH	8.20
Hydration Time, min	6
Linear Visc, cP @ 511/s	13
Linear pH	8.28
Linear Temp,°F	72.8
Buffer pH	10.70
X-linked pH	9.75
X-link Time, min:sec	0:10
Vortex Closure, min:sec	0:06
Crown Time, min:sec	0:10
2 inch lip, min:sec	0:35

Avg. Water Analysis	
Temp, °F	74.1
pH	8.20
Total Hardness, mg/l	NT
Total Iron, mg/l	NT
Chlorides, mg/l	NT
Alkalinity, mg/l	NT
Sulfates, mg/l	NT
Specific Gravity	1.000



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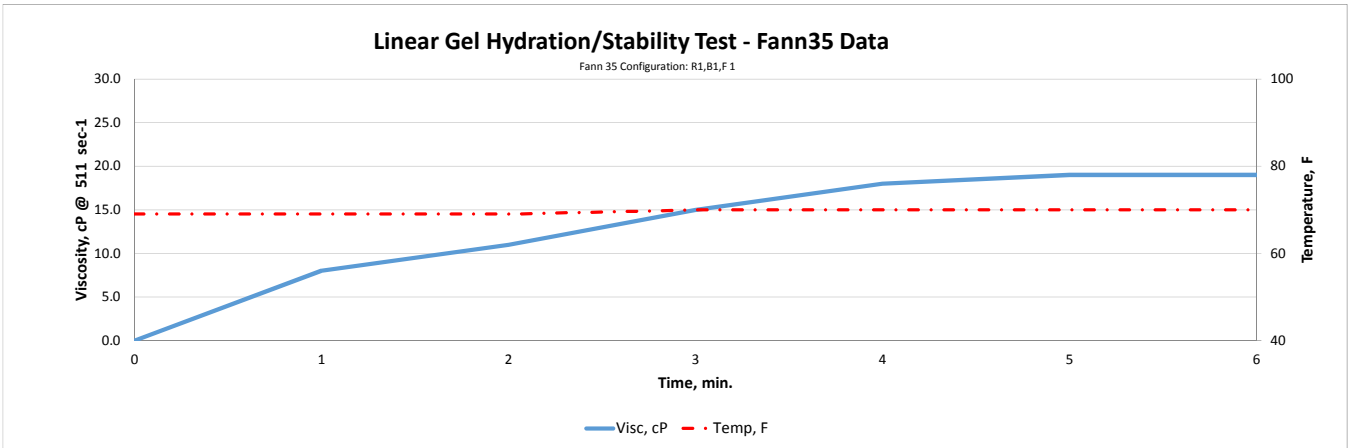
On-Site Fluid Rheology

Fluid Adds		25#	
Product Name	**Function**	**Conc.**	**Unit**
Aqucar 714	Biocide	0.25	gpt
CSA-23	Clay Stabalizer	1.00	gpt
SFT-82	Surfactant	1.00	gpt
FRP-E3-8	Friction Reducer	0.75	gpt
LGA-3J	Guar Slurry	6.25	gpt
Safe-BFH	High pH Buffer	0.40	gpt
XLB-88	Instant Borate Crosslinker	1.63	gpt
	#N/A		gpt

Fluid Properties	
Source Water pH	8.05
Hydration Time, min	6
Linear Visc, cP @ 511/s	19
Linear pH	7.54
Linear Temp,°F	71
Buffer pH	10.48
X-linked pH	9.52
X-link Time, min:sec	0:10
Vortex Closure, min:sec	0:03
Crown Time, min:sec	0:08
2 inch lip, min:sec	0:30

Avg. Water Analysis	
Temp, °F	66.7
pH	8.05
Total Hardness, mg/l	200
Total Iron, mg/l	NT
Chlorides, mg/l	11
Alkalinity, mg/l	NT
Sulfates, mg/l	70
Specific Gravity	1.002



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PER STAGE FLUID RHEOLOGY

Int	Stage	PPA	Clean			Dirty	XL
			Temp	Visc	pH	pH	Time
1	1	0.25	67	21	9.86		
1	2	0.5	68	23	9.88		
1	3	1	67	20	9.62		
1	4	1.5	68	21	10.05		
1	5	2	69	22	10.23		
1	6	3	69	20	10.15		
1	7	4	69	24	9.94		
1	8	4.5	70	18	9.79		
1	9	5	70	14	9.91		

On-Site Live-Load Proppant Sieves

Mesh Size		30/50
Mover #		
Bin #		663
Sieves	Grams	% Sieve
20		
30	1.56	1.56%
40	77.58	77.36%
45	15.38	15.34%
50	3.65	3.64%
70	2.11	2.10%
Pan		
Totals	100.28	100.00%
% Retained		96.34%

Mesh Size		30/50
Mover #		
Bin #		1140
Sieves	Grams	% Sieve
20		
30	1.45	1.45%
40	76.98	76.89%
45	16.47	16.45%
50	3.98	3.98%
70	1.24	1.24%
Pan		
Totals	100.12	100.00%
% Retained		97.31%

Mesh Size		30/50
Mover #		
Bin #		766
Sieves	Grams	% Sieve
20		
30	1.87	1.86%
40	76.51	75.96%
45	16.65	16.53%
50	3.59	3.56%
70	2.11	2.09%
Pan		
Totals	100.73	100.00%
% Retained		96.05%

Mesh Size		30/50
Mover #		
Bin #		820
Sieves	Grams	% Sieve
20		
30	1.58	1.57%
40	77.32	76.91%
45	17.25	17.16%
50	3.14	3.12%
70	1.24	1.23%
Pan		
Totals	100.53	100.00%
% Retained		97.19%

Mesh Size		30/50
Mover #		
Bin #		482
Sieves	Grams	% Sieve
20		
30	2.14	2.13%
40	74.69	74.50%
45	16.57	16.53%
50	4.21	4.20%
70	2.65	2.64%
Pan		
Totals	100.26	100.00%
% Retained		95.22%

Mesh Size		30/50
Mover #		
Bin #		1149
Sieves	Grams	% Sieve
20		
30	1.68	1.66%
40	76.58	75.83%
45	16.54	16.38%
50	3.54	3.51%
70	2.65	2.62%
Pan		
Totals	100.99	100.00%
% Retained		95.71%

Mesh Size		30/50
Mover #		
Bin #		529
Sieves	Grams	% Sieve
20		
30	1.84	1.84%
40	76.58	76.75%
45	15.99	16.03%
50	3.83	3.84%
70	1.54	1.54%
Pan		
Totals	99.78	100.00%
% Retained		96.61%

Mesh Size		30/50
Mover #		
Bin #		726
Sieves	Grams	% Sieve
20		
30	1.87	1.87%
40	77.35	77.36%
45	16.54	16.54%
50	3.58	3.58%
70	0.65	0.65%
Pan		
Totals	99.99	100.00%
% Retained		97.48%

Mesh Size		30/50
Mover #		
Bin #		484
Sieves	Grams	% Sieve
20		
30	1.62	1.62%
40	76.58	76.61%
45	17.54	17.55%
50	2.65	2.65%
70	1.57	1.57%
Pan		
Totals	99.96	100.00%
% Retained		96.81%

Mesh Size		30/50
Mover #		
Bin #		551
Sieves	Grams	% Sieve
20		
30	1.66	1.66%
40	77.58	77.37%
45	16.87	16.82%
50	3.91	3.90%
70	0.25	0.25%
Pan		
Totals	100.27	100.00%
% Retained		98.10%

Mesh Size		30/50
Mover #		
Bin #		697
Sieves	Grams	% Sieve
20		
30	1.83	1.82%
40	76.29	75.95%
45	17.54	17.46%
50	3.54	3.52%
70	1.25	1.24%
Pan		
Totals	100.45	100.00%
% Retained		96.93%

Mesh Size		30/50
Mover #		
Bin #		617
Sieves	Grams	% Sieve
20		
30	1.62	1.63%
40	77.21	77.57%
45	16.4	16.48%
50	2.95	2.96%
70	1.35	1.36%
Pan		
Totals	99.53	100.00%
% Retained		97.02%

Mesh Size		30/50
Mover #		
Bin #		466
Sieves	Grams	% Sieve
20		
30	1.45	1.45%
40	76.38	76.22%
45	17.25	17.21%
50	2.68	2.67%
70	2.45	2.44%
Pan		
Totals	100.21	100.00%
% Retained		96.11%

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On-Site Live-Load Proppant Sieves

Mesh Size		40/70
Mover #		
Bin #		1436
Sieves	Grams	% Sieve
30		
40	2.56	2.56%
50	76.33	76.46%
60	16.25	16.28%
70	3.45	3.46%
100	1.24	1.24%
Pan		
Totals	99.83	100.00%
% Retained		96.19%

Mesh Size		40/70
Mover #		
Bin #		1449
Sieves	Grams	% Sieve
30		
40	2.74	2.73%
50	77.21	76.88%
60	16.25	16.18%
70	2.58	2.57%
100	1.65	1.64%
Pan		
Totals	100.43	100.00%
% Retained		95.63%

Mesh Size		40/70
Mover #		
Bin #		1472
Sieves	Grams	% Sieve
30		
40	2.54	2.53%
50	76.98	76.54%
60	17.22	17.12%
70	2.59	2.58%
100	1.25	1.24%
Pan		
Totals	100.58	100.00%
% Retained		96.23%

Mesh Size		40/70
Mover #		
Bin #		1445
Sieves	Grams	% Sieve
30		
40	3.11	3.10%
50	75.95	75.69%
60	16.54	16.48%
70	3.21	3.20%
100	1.54	1.53%
Pan		
Totals	100.35	100.00%
% Retained		95.37%

Mesh Size		40/70
Mover #		
Bin #		633
Sieves	Grams	% Sieve
30		
40	2.74	2.73%
50	76.25	75.99%
60	16.84	16.78%
70	2.94	2.93%
100	1.57	1.56%
Pan		
Totals	100.34	100.00%
% Retained		95.70%

Mesh Size		40/70
Mover #		
Bin #		679
Sieves	Grams	% Sieve
30		
40	3.54	3.54%
50	74.58	74.64%
60	15.68	15.69%
70	3.58	3.58%
100	2.54	2.54%
Pan		
Totals	99.92	100.00%
% Retained		93.92%

Mesh Size		40/70
Mover #		
Bin #		1450
Sieves	Grams	% Sieve
30		
40	2.68	2.69%
50	75.66	76.07%
60	16.35	16.44%
70	3.54	3.56%
100	1.23	1.24%
Pan		
Totals	99.46	100.00%
% Retained		96.07%

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