



Cement Job Summary

Job Number: Lib1704111033/0	Job Purpose: 02 Production/Long String	Date: 4/11/2017
Customer: MERIT ENERGY COMPANY	Well Name: LongBow	Number: 5-10
County: Grant County	City: Ulysses, Kansas	API/UWI: KS
Cust. Rep:	Phone:	Rig Phone:
Legal Desc: SEC-10-29S-38W	Rig Name: Duke Drilling#9	Distance: 50 miles (one way)
Supervisor: Aldo Espinoza		

Employees:	Emp. ID:	Employees:	Emp. ID:
Saul Loya		Cristian Camacho	
Aldo Espinoza		Ramon Escarcega	
Equipment:			
994-4/467-5		1071-4-545-5	
984-2			

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	7 7/8	30%	4982	5,880		
OPEN HOLE	7 7/8			4,982		
OPEN HOLE	7 7/8					
OPEN HOLE	7 7/8					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	8 5/8	24	8.097	J-55	0	1,480
TOTAL CASING	5 1/2	17	4.892	J55	0	5,880
STAGE TOOL	5 1/2	17	4.892	J55		4,982
SHOE	5 1/2	17	4.892	J55	5,831	5,880

Materials - Pumping Schedule						
STAGE #1						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	HIVIS SWEEP	20	8.40	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	ALLIED 50/50 POZ BLEND - CLASS H	130	13.60	1.63	7.46	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.42	% BWOC	54.6	lbm	
CLC-KOL	KOL-SEAL	5	lb/sk	650.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	32.5	lbm	
CA-500	GYPSUM	4.2	% BWOC	546.0	lbm	
CA-200	SODIUM CHLORIDE	6.21418	% BWOW	807.8	lbm	
CGEL	GEL - BENTONITE	1.68	% BWOC	218.4	lbm	
CD-100	CEMENT DISPERSANT	0.168	% BWOC	21.8	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 3	Displacement	135.5485859	0.00	n/a	n/a	
STAGE #2						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Stg 2 Spacer 1	HIVIS SWEEP	12	8.40	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Stg 2 Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	245	13.60	1.92	9.56	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	



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CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.47	% BWOC	115.2	lbm
CLC-KOL	KOL-SEAL	5	lb/sk	1225.0	lbm
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	61.3	lbm
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Stg 2 Disp. 1	Displacement	115.812563	0.00	n/a	n/a

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Cust. Rep:	State: KS
Phone:	Rig Phone: 0
Distance 50 miles (one way)	Supervisor Aldo Espinoza

TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	AM/PM	CASING	ANNULUS	VOLUME	
4/10/2017					DATE
800pm					on location
830pm					rig up
845pm					casing on bottom
850pm					rig head, brake circulation
					rig down casing crew
900pm					safety meeting
915pm	2500			1	pressure test lines
920pm	320		20	4	20 bbl havis sweep
937pm	200		38	4	130sk/38 bbl slurry
950pm				3	wash pimping lines to pit
952pm					drop plug
956pm	80			3	start displacing
1007pm	120		20	5	20 bbl gone swap to mud
1011pm	120		20	5	40 bbl gone
1015pm	120		20	5	60 bbl gone
1020pm	130		20	5	80 bbl gone
1024pm	320		20	5	100 bbl gone
1026pm	290		10	3	110 bbl slow down to 3 bpm to go thru dv tool
1031pm	500		15	2.5	125 bbl gone slow down to 2.5 to land plug
1033pm	590-1000		10	2.5	135 bbl bump plug
1035pm	0				check floats
1036pm					drop tool opener
1055pm	1200				pressure up, tool isnt there yet
1107pm	820			3	open tool, brake circulation
1120pm					swap to rig pump
4/11/2017					SECOND STAGE
240am	200		12	4	12 bbl havis sweep
247am	60		17	3	cement rat & mouse holes w/50sk-17 bbl
255am	110		67	4	195sk/67 bbl slurry
330am				3	wash pimping lines to pit
335am	50			3	statr displacement
340am	70		20	5	20 bbl gone
344am	70		20	5	40 bbl gone
347am	200		20	5	60 bbl gone
352am	600		20	5	80 bbl gone
358am	1000		20	2.5	100 bbl slow down to 2.5 bpm to land plug
410am	1200-2700		15	2.5	115 bbl bump tool closing plug (top plug)
415am	0				check floats



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					floats holding
430am					rig down
520am					leave location
					good circulation during entire job
					8 5/8 F.E. for next job on location
					13 3/8 circulating swedge on location
					thanks



Customer: MERIT ENERGY COMPANY
Date: Monday, April 10, 2017
Well Name: LongBow # 5-10
Well Location: Ulysses, Kansas
Supervisor: Aldo Espinoza

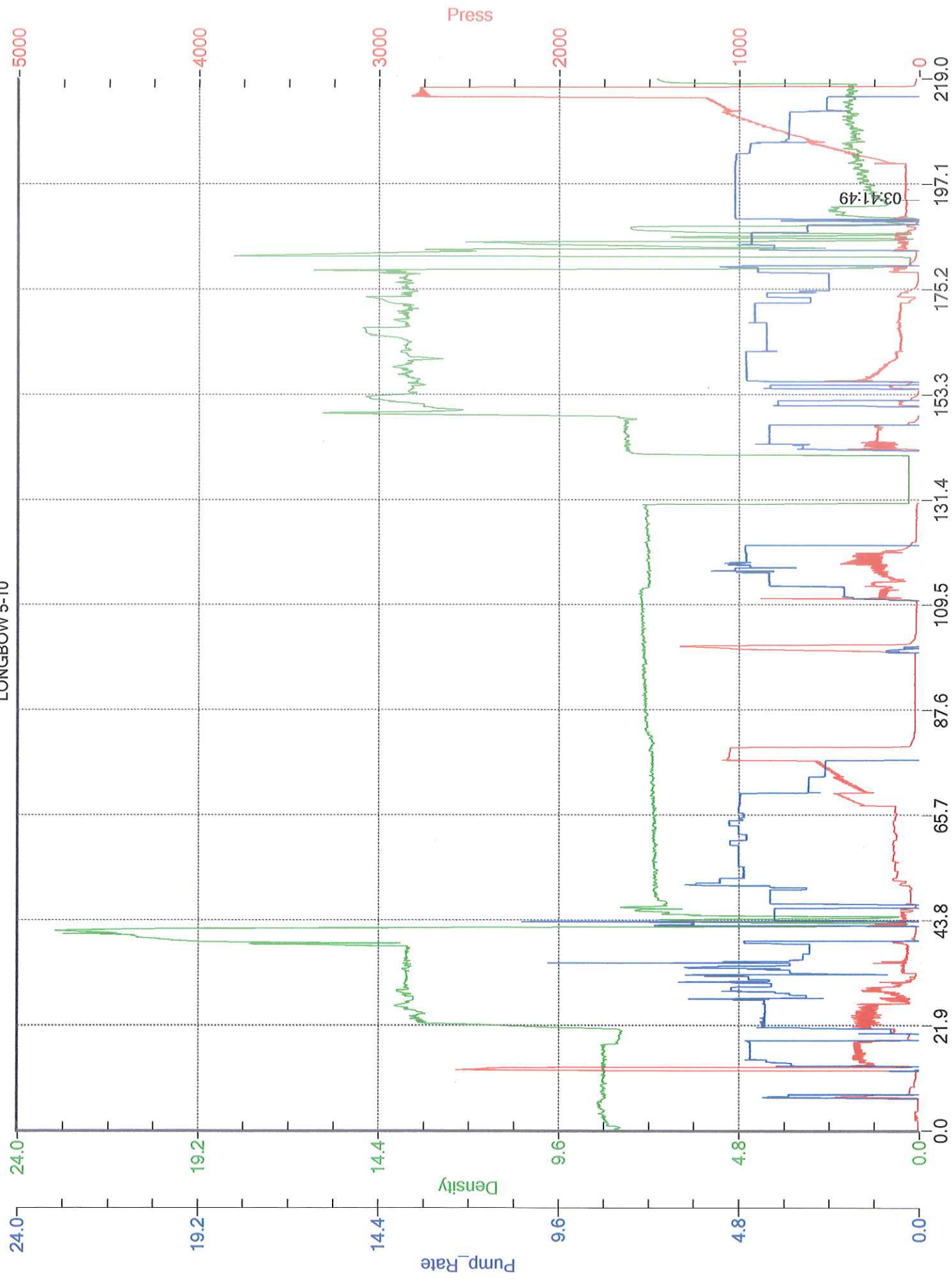
Equipment Operators: Saul Loya - Cristian Camacho - Aldo Espinoza - Ramon Escarcega

Performance	Customer	
Was the appearance of the personnel and equipment satisfactory?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the job performed in a professional manner?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were the calculations prepared and explained properly?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were the correct services dispatched to the job site?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were the services performed as requested?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the job site environment remain unchanged?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the equipment perform in the manner expected?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the materials meet your expectations?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the crew prepared for the job?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the crew prompt in the rig-up and actual job?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were reasonable recommendations given, as requested?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the crew perform safely?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the job performed to your satisfaction?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Customer Signature: *Rodriguez Lopez* Date: 4-11-17

Additional Comments:
Good Job!

MERIT ENERGY LONGBOW 5-10





CEMENT MIXING WATER GUIDELINES

Company Name:

MERIT ENERGY COMPANY

Lease Name:

LongBow # 5-10

County

Grant County

State

KS

Water Source:

TANK

Submitted By:

Aldo Espinoza

Date:

4/10/2017

pH Level

7

Must be less than 8.5

Sulfates

400

Must be less than 1,000 PPM

Chlorides

0

Must be less than 3,000 PPM

Temperature

64

COMMENTS

Thank You

Customer Signature

