



Depend on US

Post Job Report

Merit Energy

GCCU 405W

3/19/2016

5.5" 2-Stage Production Casing

Haskell County, KS





Merit Energy
GCCU 405W
Haskell County, KS

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Merit Energy
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1.0 Executive Summary

Allied Oil & Gas Services would like to thank you for the award of the provision of cementing products and services on the well GCCU 405W intermediate casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 3000 psi. After a successful test we began the job by plugging the rat hole and mouse hole with 50 sacks and then began pumping 12 bbls of HiVis Sweep spacer. We then mixed and pumped the following cements:

1st Stage:

22.23 bbl	65 Sacks of 13.6 ppg
Class A Slurry -	1.92 Yield
10.0% Salt	
6.0% Gypsum	
2.0% Gel	
0.5% CFL-210	
5.0 lb Kol-Seal	
0.25 lb Cellophane Flake	

The first stage was displaced with 10 bbl fresh water and 118 Bbls of WBM. The plug bumped and was pressured to 1300 psi. Upon release the floats held. The stage tool was did not open on five tries. Allied believes cement across the tool prevented tool from opening. Allied suggests switching to a 50/50H cement blend for the first stage of two stage jobs.

All real time data can be view in the Job Summary section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.

Cement Job Summary

Job Number: Lib1603190400		Job Purpose: 04 Port Collar/Stage	
Customer:	MERIT ENERGY COMPANY		Date: 3/19/2016
Well Name: GCCU	Number: #405		API/UWI:
County: Haskell	City: Sublette	State: KS	
Cust. Rep:	Phone:	Rig Phone:	
Distance: 50 miles (one way)	Supervisor: Lenny Baeza		

Employees:	Emp. ID:	Employees:	Emp. ID:
Lenny Baeza		Paul Mazzalongo	
Ramon Escarcega			

Equipment:	Emp. ID:
994-550	774-744

Materials - Pumping Schedule					
STAGE #1					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	HIVIS SWEEP	12	8.40	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	115	13.60	1.92	9.56
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Displacement	128.5979724	8.33	n/a	n/a

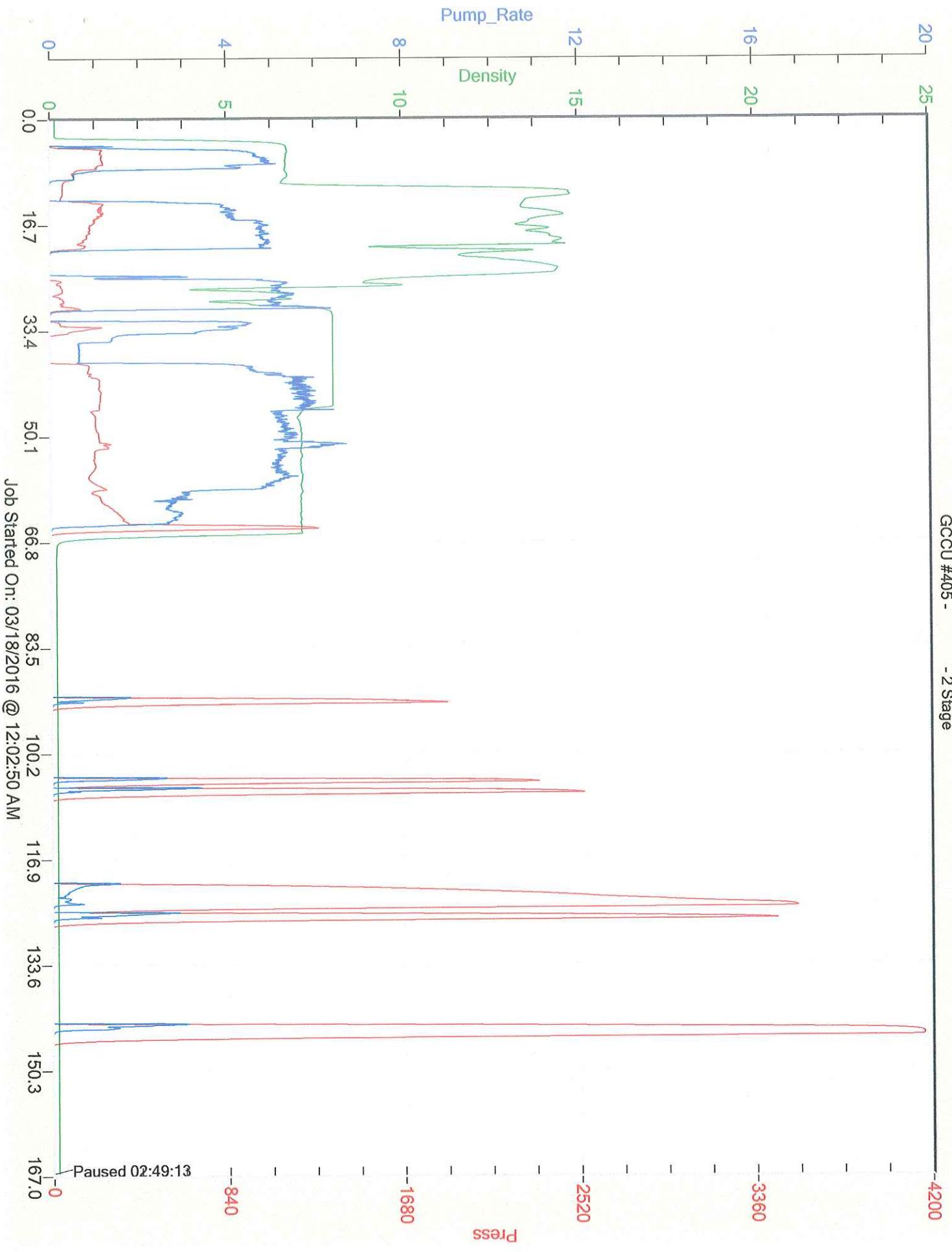
Slurry: Tail 1		Slurry Name: ALLIED SPECIAL BLEND CEMENT - CLASS A				
Quantity:	115 sacks	Blend Vol:	158.18 cu.ft.	cu.ft.	Blend Weight:	13248.4002 lbs
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCAC	CLASS A COMMON	94	% Base Materia	10810.0	lbm	
CA-200	SODIUM CHLORIDE	7.96348	% BWOW	915.8	lbm	
CA-500	GYPSUM	5.64	% BWOC	648.6	lbm	
CGEL	GEL - BENTONITE	1.88	% BWOC	216.2	lbm	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.47	% BWOC	54.1	lbm	
CLC-KOL	KOL-SEAL	5	lb/sk	575.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	28.8	lbm	
Water	Mixing Water	9.56	gal/sk	1099.4	gal	

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County: Haskell	City: Sublette	State: KS				
Cust. Rep:	Phone:	Rig Phone: 0				
Distance: 50 miles (one way)	Supervisor: Lenny Baeza					
DATE	TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	
3/18/2016	8:00pm					ARRIVE ON LOCATION
	11:30pm					SAFETY MEETING
	12:04am	380		12	3	12bbls of super flush ahead
	12:12am	340		34	5	Mixing Lead Cement 65 SK
	12:20am	0		34	0	End of cement washing to pit and dropping plug
	12:27am	0		34	3	Dropped plug and 10bbls

Cement Job Summary

					H2O the rest pumping MUD
					lines to the pits
	12:31am	60		44	2
					10bbls of water gone swap
					to mud total of 118 bbls
	12:36am	230		64	4.5
	12:41am	310		84	4.5
	12:45am	315		104	4.5
	12:49am	320		124	4.5
	12:53pm	330		144	4.5
	12:56am	330		154	3
					slowing down to pass DV
	1:05am	1300		172	3
					Plug
	1:08am	0			
					Released and float holding
	1:11am				
					Dropping Opening Tool
	1:26am	2000			
					Pumping to open tool 2000#
					and Tool not opening
	1:34am	2500			
					2500 psi and tool not opening
	1:55am	3500			
					Talked to company man
					Bring up PSI to 3500 psi
					and tool did not opening
	2:00am				
					getting released from location
	2:00am				
					Plugging Rat/Mouse Hole
	2:45am				
					Rigging down and leaving
					location







CEMENT MIXING WATER GUIDELINES

Company Name: MERIT ENERGY COMPANY

Lease Name: GCCU # #405

County Haskell State KS

Water Source: TANK

Submitted By: Lenny Baeza Date: 3/19/2016

pH Level Good Must be less than 8.5

Sulfates Good Must be less than 1,000 PPM

Chlorides Good Must be less than 3,000 PPM

Temperature 56 Must be less than 100 deg F

COMMENTS

Thank You

Customer Signature 