



Depend on US

Post Job Report

Merit Energy

GCCU 702W

3/22/2016

8.625" Surface Casing

Haskell County, KS





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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 702W.

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 2000 psi. After a successful test we began the job by pumping 10 bbls of Fresh Water spacer. We then mixed and pumped the following cements:

158.95	bbl	350	Sacks of 12.1 ppg
Class A Slurry -		2.55	Yield

- 2.0% Sodium Metasilicate
- 2.0% Gypsum
- 4.0% Gel
- 2.0% Sodium Chloride
- 3.0 % Calcium Chloride
- 0.25 lb Cellophane Flake

31.67	bbl	140	Sacks of 15.2 ppg
Class A Slurry -		1.27	Yield

- 2.0 % Calcium Chloride
- 0.25 lb Cellophane Flake

The top plug was then released and displaced with 101 Bbls of Fresh Water. The plug bumped and was pressured to 1500 psi. Upon release the floats held. 45 bbl cement returned to the pit.

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: Lib1603221655	Job Purpose: 01 Surface
Customer: MERIT ENERGY COMPANY	Date: 3/22/2016
Well Name: GCCU	Number: 702W
County: Haskell	City: Sublette
Cust. Rep:	Phone:
Distance: 50 miles (one way)	Supervisor: Lenny Baeza

Employees:	Emp. ID:	Employees:	Emp. ID:
Oscar Sigala		Ramon Escarcega	
Jose Calderon		Lenny Baeza	

Equipment:	Emp. ID:
994-550	993-1066
955-842	

Materials - Pumping Schedule					
STAGE #1					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	FRESH WATER	10	8.33	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	350	12.10	2.55	14.86
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	CLASS A COMMON	140	15.19	1.27	5.75
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Displacement	101.1294929	8.33	n/a	n/a

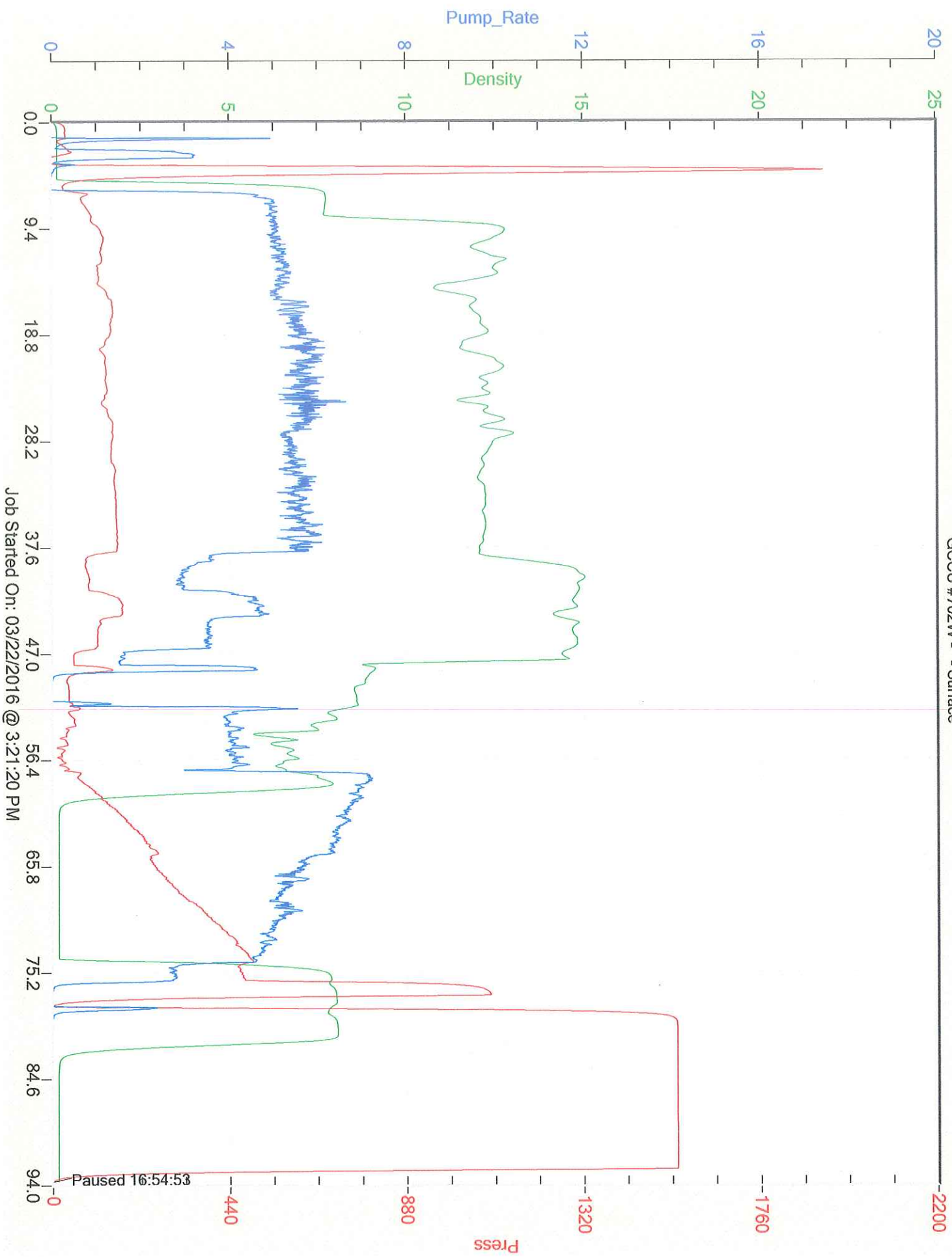
Slurry: Lead 1							Slurry Name: ALLIED MULTI-DENSITY CEMENT - CLASS A Light						
Quantity:	350 sacks	Blend Vol:	441.2 cu.ft.	Blend Weight:	37560.4866 lbs								
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM								
CCAC	CLASS A COMMON	94	% Base Materia	32900.0	lbm								
CA-500	GYPSUM	1.88	% BWOC	658.0	lbm								
CA-400	SODIUM METASILICATE	1.88	% BWOC	658.0	lbm								
Cgel	GEL - BENTONITE	3.76	% BWOC	1316.0	lbm								
CA-200	SODIUM CHLORIDE	2.475676	% BWOW	866.5	lbm								
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	987.0	lbm								
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	175.0	lbm								
Water	Mixing Water	14.86	gal/sk	5201	gal								

Slurry: Tail 1							Slurry Name: CLASS A COMMON						
Quantity:	140 sacks	Blend Vol:	149.88 cu.ft.	Blend Weight:	13493.2 lbs								
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM								
CCAC	CLASS A COMMON	94	% Base Materia	13160.0	lbm								
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	1.88	% BWOC	263.2	lbm								
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	70.0	lbm								
Water	Mixing Water	5.75	gal/sk	805.0	gal								

Job Number: Lib1603221655	Job Purpose: 01 Surface
Customer: MERIT ENERGY COMPANY	Date: 3/22/2016
Well Name: GCCU	Number: 702W
County: Haskell	City: Sublette
Cust. Rep:	Phone:
Distance: 50 miles (one way)	Supervisor: Lenny Baeza

Cement Job Summary

TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	AM/PM	CASING	ANNULUS	VOLUME	
1:00pm					ARRIVE ON LOCATION
2:30pm					SAFETY MEETING
3:21pm	100		2	3	PUMP WATER AHEAD
3:23pm	2000		2	1	Pressure test lines
3:26pm	130		10	4	Rest of H2O ahead
3:28pm	90		168	5	Mixing Lead cement @12.1#
3:58pm	80		199	4	Mxing Tail cement @ 15.2#
4:11pm	0		199	0	Shut down to release plug
4:12pm	40		199		Plug left and started displacement of 124.3 bbls
4:15pm	60		219	6	20bbls gone
4:19pm	120		239	6	40bbls gone
4:24pm	180		259	5	60bbls gone
4:27pm	240		279	5	80bbls gone cement to surface
4:31pm	350		299	5	100bbls gone
4:36pm	430		314	3	115bbls gone slowing down
4:39pm	1000		324	3	124bbls gone and landed the plug
					45 bbls of cement to surface
4:40pm	1500				Testing casing
4:55pm	0				test good rigging down
5:30pm					Leaving location





Customer: MERIT ENERGY COMPANY
Date: Tuesday, March 22, 2016
Well Name: GCCU # 702W
Well Location: Sublette
Supervisor: Lenny Baeza

Equipment Operators: Oscar Sigala - Ramon Escarcega - Jose Calderon - Lenny Baeza

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: 

Date: 3-22-16

Additional Comments: Good Job



CEMENT MIXING WATER GUIDELINES

Company Name:

MERIT ENERGY COMPANY

Lease Name:

GCCU # 702W

County

Haskell

State

KS

Water Source:

TANK

Submitted By:

Lenny Baeza

Date:

3/22/2016

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

68

Must be less than 100 deg F

COMMENTS

Thank You

Customer Signature