



Depend on US

Post Job Report

Merit Energy

GCCU 405

3/16/2016

8.625" Surface Casing

Finney County, KS





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Merit Energy
GCCU 405
Finney County, KS

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 405.

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 2500 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 100 Bbls of Fresh Water. The plug bumped and was pressured to 1560 psi. Upon release the floats held. 31 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: LIB1603160020		Job Purpose: 01 Surface	
Customer: MERIT ENERGY COMPANY			Date: 3/16/2015
Well Name: GCCU		Number: #405	
County: Haskell		Sublette	
City: Sublette		State: KS	
Cust. Rep:		Rig Phone:	
Distance: 50 miles (one way)		Supervisor: Edgar Rodriguez	

Employees:	Emp. ID:	Employees:	Emp. ID:
Edgar Rodriguez	#N/A		
Lenny Baeza	#N/A		
Lorenzo Rios	#N/A		
Oscar Sigala	#N/A		

Equipment:	
	1039
	994
	956
	774
	550
	841
	744

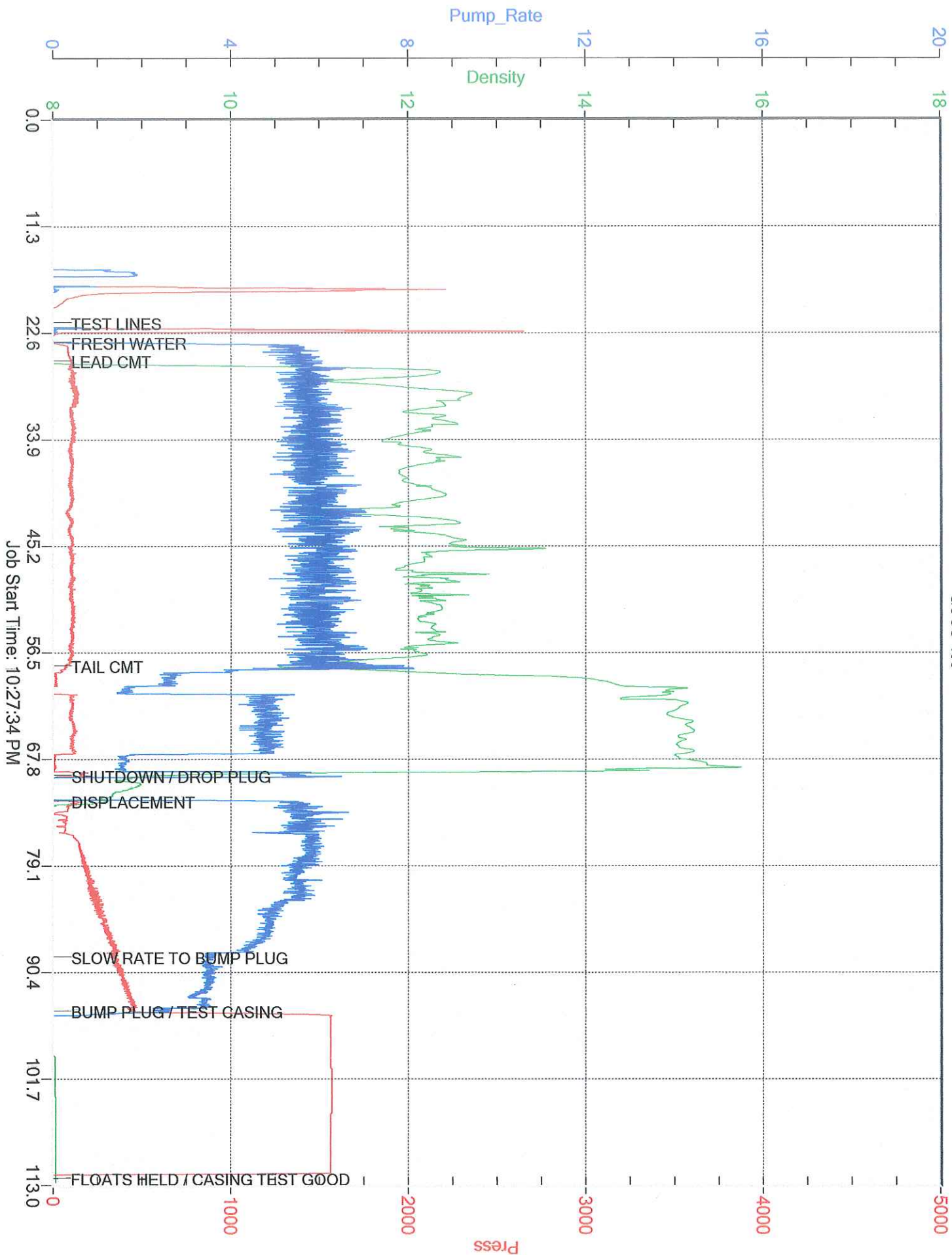
Materials - Pumping Schedule					
STAGE #1					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	FRESH WATER	10	8.33	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	350	12.10	2.55	14.86
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	CLASS A COMMON	140	15.20	1.27	5.75
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Displacement	107.4978489	8.33	n/a	n/a

Slurry: Lead 1						Slurry Name: ALLIED MULTI-DENSITY CEMENT - CLASS A Light	
Quantity:	350 sacks	Blend Vol:	435.37 cu.ft.	Blend Weight:	37472.9866 lbs		
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM		
CCAC	CLASS A COMMON	94	% Base Material	32900.0	lbm		
CA-500	GYP SUM	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	0.25	lb/sk	87.5	lbm		
Water	Mixing Water	14.86	gal/sk	5201	gal		

Slurry: Tail 1						Slurry Name: CLASS A COMMON	
Quantity:	140 sacks	Blend Vol:	147.55 cu.ft.	Blend Weight:	13458.2 lbs		
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM		
CCAC	CLASS A COMMON	94	% Base Material	13160.0	lbm		
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	1.88	% BWOC	263.2	lbm		
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	35.0	lbm		
Water	Mixing Water	5.75	gal/sk	805.0	gal		

Job Number: LIB1603160020		Job Purpose: 01 Surface	
Customer: MERIT ENERGY COMPANY			Date: 3/16/2015
Well Name: GCCU		Number: #405	
County: Haskell		Sublette	
City: Sublette		State: KS	
Cust. Rep:		Rig Phone: 0	
Distance: 50 miles (one way)		Supervisor: Edgar Rodriguez	

DATE	TIME	PRESSURE - (psi)		FLUID PUMPED DATA		COMMENTS
		CASING	ANNULUS	VOLUME	RATE (BPM)	
3/15/2016	7:00:00 PM					ARRIVE ON LOCATION
3/15/2016	7:10:00 PM					SPOT EQUIPMENT
3/15/2016	7:10:00 PM					RIG RUNNING CASING
3/15/2016	9:45:00 PM					CASING ON BOTTOM
3/15/2016	9:52:00 PM					STAB CMT HEAD AND RIG UP LINES TO CIRCULATE
3/15/2016	10:28:00 PM					CASING CREW OUT OF WAY / RIG UP IRON ON GROUND
3/15/2016	10:38:00 PM					SAFETY MEETING
3/15/2016	10:48:00 PM	2500				TEST LINES 2500 PSI
3/15/2016	10:50:00 PM	80		10	5	10 BBLs FRESH WATER
3/15/2016	10:52:00 PM	100		159	6	350 SKS LEAD CMT (159 BBLs @12.1)
3/15/2016	11:28:00 PM	120		32	4	140 SKS TAIL CMT (32 BBLs @15.2)
3/15/2016	11:37:00 PM					SHUTDOWN / DROP PLUG
3/15/2016	11:40:00 PM				4	100 BBLs DISPLACEMENT
3/15/2016	11:54:00 PM	120		69	4	CMT BACK TO SURFACE AT 69 BBLs GONE
3/15/2016	11:59:00 PM	430		90	3	SLOW RATE TO BUMP PLUG
3/16/2016	12:03:00 AM	460		100	3	BUMP PLUG @460 PSI AND UP TO 1560 PSI / TEST CASING
3/16/2016	12:18:00 AM	1560				HELD FLOATS FOR 15 MINUTES / CASING TESTED GOOD / 1 BBL BACK
3/16/2016	12:20:00 AM					END JOB / FULL CIRCULATION ENTIRE JOB / 31 BBLs CMT RETURNS
3/16/2016	12:25:00 AM					RIG DOWN
3/16/2016	1:25:00 AM					CREW LEAVE LOCATION





Customer: MERIT ENERGY COMPANY
 Date: Monday, March 16, 2015
 Well Name: GCCU # #405
 Well Location: Sublette
 Supervisor: Edgar Rodriguez

Equipment Operators: Edgar Rodriguez - Lenny Baeza - Lorenzo Rios - Oscar Sigala

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: Kody Hoza Date: 3-15-16

Additional Comments: Good job!!



CEMENT MIXING WATER GUIDELINES

Company Name:

MERIT ENERGY COMPANY

Lease Name:

GCCU # #405

County

State

Haskell

KS

Water Source:

TANK

Submitted By:

Date:

Edgar Rodriguez

3/16/2015

pH Level

8

Must be less than 8.5

Sulfates

250

Must be less than 1,000 PPM

Chlorides

500

Must be less than 3,000 PPM

Temperature

60

Must be less than 100 deg F

COMMENTS

Thank You

Customer Signature

