

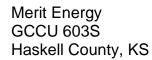
## Depend on US

# Post Job Report

## **Merit Energy**

GCCU 603S 4/10/2016 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 603S.

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:

227.08 bbl	500 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

39.58 bbl	175 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 93 Bbls of Fresh Water. The plug bumped and was pressured to 1500 psi. Upon release the floats held. 90 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

LIB16O4101255 Job Pur	rpose 01 Surface						
MERIT ENERGY COMPANY			Date:				4/10/2016
GCCU		Number:	#603	API/UWI:			
Haskell	City:	Sublette		State:	Ks		
	Phone:		Rig Phone:				
50 miles (one way)		Supervisor			Aldo Espinosa		
Employees:	Emp. ID:		Employees:			Emp. ID:	
'A							
	MERIT ENERGY COMPA GCCU Haskell 50 miles (	MERIT ENERGY COMPANY GCCU Haskell City: Phone: 50 miles (one way)  Employees: Emp. ID:	MERIT ENERGY COMPANY GCCU Number: Haskell City: Sublette Phone: 50 miles (one way)  Employees: Emp. ID:	MERIT ENERGY COMPANY GCCU Number: #603 Haskell City: Sublette Phone: Rig Phone: 50 miles (one way) Supervisor  Employees: Emp. ID: Employees:	MERIT ENERGY COMPANY         Date:           GCCU         Number:         #603         API/UWI:           Haskell         City:         Sublette         State:           Phone:         Rig Phone:         Supervisor           50 miles (one way)         Supervisor         Employees:	MERIT ENERGY COMPANY	MERIT ENERGY COMPANY

ALDO LSF INOL	3				
Lenny Baeza					
JOSE CALDERO	N				
KIRBY HARPER					
Equip	ment:				
984-					
994-550					
956-841	2				
993-1066					
		Materi	als - Pumping S	chedule	
			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	500	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	93	8.33	n/a	n/a

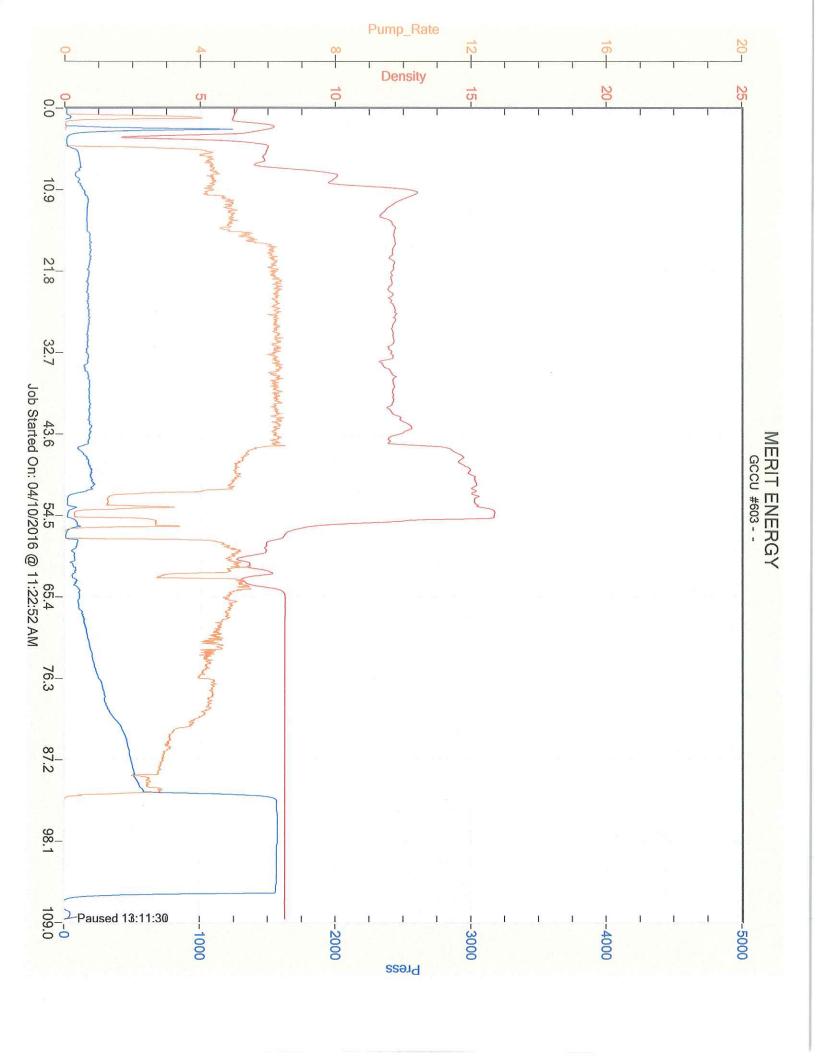
Slurry: Quantity:	500 sacks Blend Vol	630.29 cu.ft.		Blend Weight:	53657.838 lbs
			D ( )		
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM
CCAC	CLASS A COMMON	94	% Base Materia	47000.0	lbm
CA-500	GYPSUM	1.88	% BWOC	940.0	lbm
CA-400	SODIUM METASILICATE	1.88	% BWOC	940.0	lbm
Cgel	GEL - BENTONITE	3.76	% BWOC	1880.0	lbm
CA-200	SODIUM CHLORIDE	2.475676	% BWOW	1237.8	lbm
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	1410.0	Ibm
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	250.0	Ibm
Water	Mixing Water	14.86	gal/sk	7430	gal

Slurry: Tail 1 Slurry N		Slurry Name:	e: CLASS A COMMON							
Quantity:	140 sacks		Blend Vol:	149.88 cu.ft.	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	Ibm				
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE		1.88	% BWOC	263.2	Ibm				
CLC-CPF	CELLOPHANE FLAKES		0.5	lb/sk	70.0	Ibm				
Water	Mixing Water		5.75	gal/sk	805.0	gal				



#### Cement Job Summary

	LIB160410125		01 Surface			In
	MERIT ENERGY	COMPANY		Т		Date: 4/10/20:
Well Name:	GCCU		T.s.	Number:	#603	API/UWI:
County:	Haskell		City:	Sublette	T	State: Ks
Cust. Rep:			Phone:		Rig Phone:	
Distance		miles (one way			Supervisor	Aldo Espinosa
DATE	TIME		RE - (PSI)	Committee of the Commit	/IPED DATA	COMMENTS
	AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	
4/10/2016						ARRIVE ON LOCATION / RIG COMING OUT OF HOLE WITH DRILLPIPE
	1030AM					SPOT EQUIPMENT / RIG UP IRON
						RIG RUNNING CASING
	1100AM					CASING ON BOTTOM
	1115AM					STAB CMT HEAD AND LINES FOR RIG TO CIRCULATE
	1120AM	2000		- 10	0.5	TEST LINES 2000 PSI
	1121AM	100		10	3.5	PUMP FRESH WATER
	1126AM	120		220	5	PUMP 500 SKS OF LEAD CMT 227 BBLS @12.1)
	1208PM	80		10		PUMP 140 SKS OF TAIL CMT 32 BBLS @15.2)
	1221PM			40	3	SHUTDOWN / DROP PLUG
	1226PM	110	-		4	20 BBL GONE
	1230PM	130			4	40 BBL GONE
	1234PM	180		100	4	60 BBL GONE
	1240PM	240		108	4	80 BBL GONE
	1244PM	310			3	100 BL GONE
	1250PM	470	/		3	120 BBL GONE
	1255PM	490				135 BBL GONE, BUMP PLUG
	440014	1500				PRESSURE TEST CASING FOR 15 MIN @ 1500 PSI
	110PM	1500				CHECK FLOATS, FLOATS HOLDING
	125PM					RIG DOWN
	145PM					LEAVE LOCATION
						OR DRI DAGY TO GUREAGE
						90 BBL BACK TO SURFACE
						THE AND CO.
						THANKS
- F						
			-			





#### **CEMENT MIXING WATER GUIDELINES**

Company Name:	MERIT ENERGY COMPANY								
Lease Name:		GCCU ##60	2						
County	State								
	Haskell		Ks						
Water Source:	Charles and the control of the contr	TANK							
Submitted By:		Date:							
	Aldo Espinosa		4/10/2016						
pH Level	7.5		Must be less than 8.5						
Sulfates	300		Must be less than 1,000 PPM						
Chlorides	500		Must be less than 3,000 PPM						
Temperature	75		Must be less than 100 deg F						
COMMENTS									
			8						

Customer Signature

Thank You



Customer:	MERIT ENERGY COMPANY	OIL & C	GAS SERVIO	CES, LLC
Date:	Sunday, April 10, 2016			
Well Name:	GCCU ##603			
Well Location:	Suymonok Haskell 155			
Supervisor:	Aldo Espinosa			
Equipment Operators:	ALDO ESPINOZA - Lenny Baeza - JOSE CALDERON - KIRBY HARPER			
	Performance		Custo	omer
Was the appearance of t	the personnel and equipment satisfactory?	/	Yes	No
Was the job performed i	in a professional manner?		Yes	No
Were the calculations pr	repared and explained properly?		Yes	No
Were the correct service	es dispatched to the job site?		Yes	No
Were the services perfor	rmed as requested?		Yes	No
Did the job site environn	ment remain unchanged?		Yes	No
Did the equipment perfo	prm in the manner expected?		Yes	No
Did the materials meet y	our expectations?		Yes	No
Was the crew prepared t	for the job?		Yes	No
Was the crew prompt in	the rig-up and actual job?		Yes	No
Were reasonable recom	mendations given, as requested?		Yes	No
Did the crew perform sa	fely?		Yes	No
Was the job performed t	to your satisfaction?		Yes	No
Customer Signature:		3		1.0
8		Date: 4	4-10-1	/
Additional Comments:				
		· samolikar		
			T.	