



Depend on US

Post Job Report

Merit Energy

Mabel 1-21

9/23/2016

4.5" Production Casing

Grant County, KS





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Merit Energy
Mabel 1-21
Grant 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 Mabel 1-21.

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 plugging the rat hole and mouse hole with 50 sacks of 60/40/4 and then began pumping 12 bbls of HiVis Sweep spacer. We then mixed and pumped the following cements:

61.55 bbl	180 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 top plug was then released and displaced with 88.4 bbls of Fresh Water. Upon release the floats held.

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: Lib1609231856		Job Purpose: 02 Production/Long String	
Customer: MERIT ENERGY COMPANY			Date: 9/23/2016
Well Name: Mabel		Number: 1-21	
County: Haskell		City: _____	
Cust. Rep: _____		Phone: _____	
Legal Desc: _____		Rig Name: Duke Drilling#9	
Distance: 50 miles (one way)		Supervisor: Hector Esqueda	
State: KS			

Employees:	Emp. ID:	Employees:	Emp. ID:
Hector E		Carlos I.	
Jose C.			
Equipment:			
903-541		870-744	

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	6 1/8	30%	3000	5,780	TAIL CEMENT	
OPEN HOLE	6 1/8			3,000	LEAD CEMENT	
OPEN HOLE	6 1/8					
OPEN HOLE	6 1/8					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	7	23	6.276	J55	0	1,600
TOTAL CASING	4 1/2	13.5	3.92	J55	0	5,780
SHOE	4 1/2	13.5	3.92	J55	5,738	5,780

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	180	13.60	1.92	9.56	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.47	% BWOC	84.6	lbm	
CLC-KOL	KOL-SEAL	5	lb/sk	900.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	45.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Displacement	85.64691632	8.33	n/a	n/a	
STAGE #2						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Stg 2 Tail 1	ALLIED 40/60/4 POZ BLEND - CLASS A	50	13.84	1.41	6.80	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	

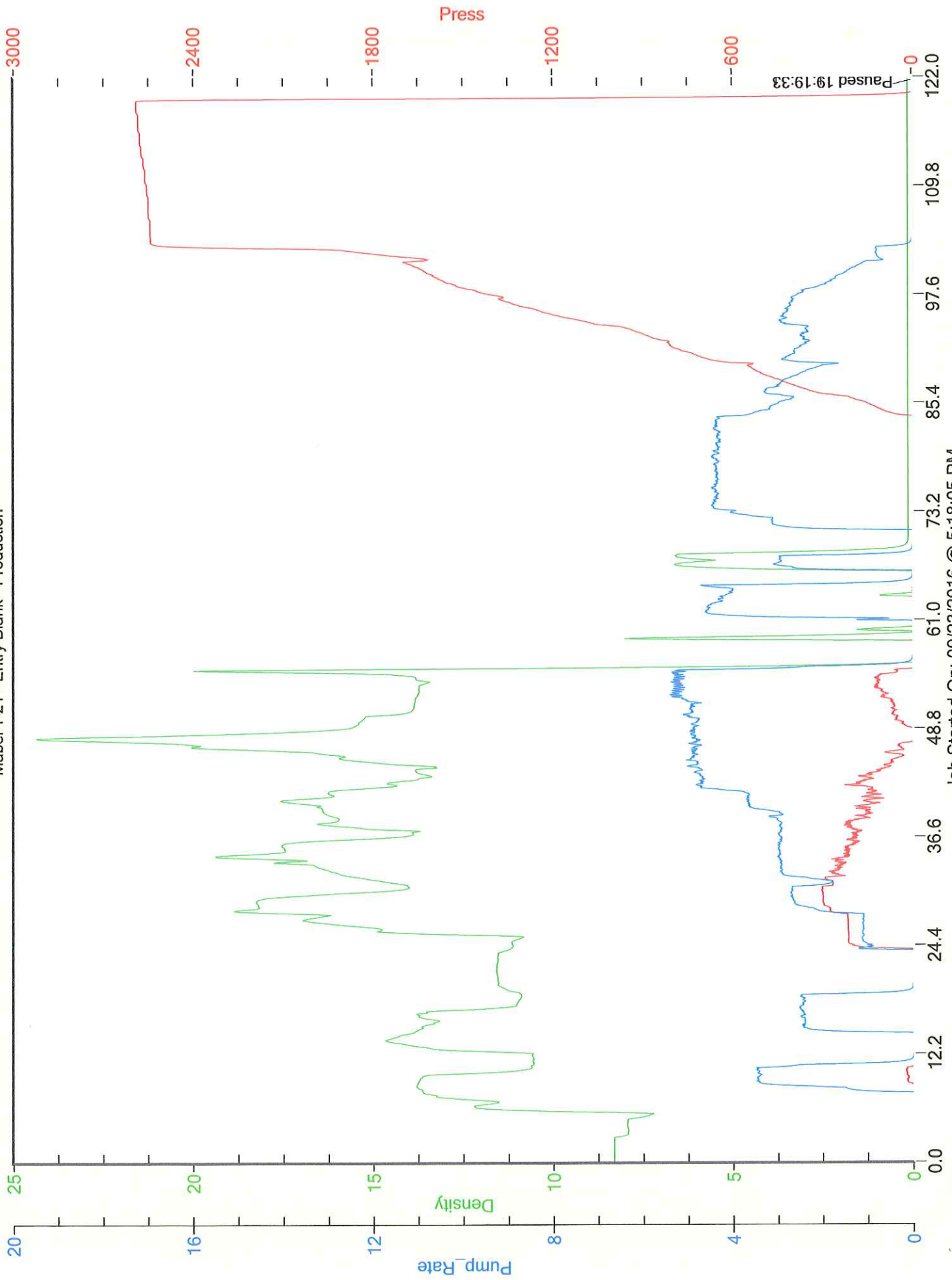
Job Number: Lib1609231856		Job Purpose: 02 Production/Long String	
Customer: MERIT ENERGY COMPANY			Date: 9/23/2016
Well Name: Mabel		Number: 1-21	
County: Haskell		City: _____	
Cust. Rep: _____		Phone: _____	
Legal Desc: _____		Rig Name: Duke Drilling#9	
Distance: 50 miles (one way)		Supervisor: Hector Esqueda	
State: KS			



Cement Job Summary

Cust. Rep:		Phone:		Rig Phone: 0	
Distance 50 miles (one way)			Supervisor Hector Esqueda		
TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	
14:00					Arrived to location
15:39					Rig up head
16:00					Rig up iron
16:10					prime up
16:45					start mixing 12bbls of FR on pump
17:19	0		5	1.5	start plugging mouse hole @13.84#
17:24					shut down switch over to Rat hole
17:27	0		7.5	2.4	start plugging rat hole @13.84#
17:32					shut down switch over to the manifold
17:37	220		12	2.0	start 12 bbl FR spacer
17:44	250		61	5	start tail cement @13.60#
18:09					shut down (drop plug) and wash up
					tub to the pit before displacing
18:24	0		88.4	4.5	Start the 88.4bbl of 4% KCL
					displacement
18:49	1350		80	2.6	80 bbls of displacement gone
					shut down and hold the plug for
					15 minutes to test the casing
19:11	0				released the pressure and the plug
					released from rig @ 20:30

Merit Energy Company
Mabel 1-21 - Entry Blank - Production



Job Started On: 09/23/2016 @ 5:18:05 PM



Company Name:

MERIT ENERGY COMPANY

Lease Name:

Mabel # 1-21

County

State

Haskell

KS

Water Source:

TANK

Submitted By:

Date:

Hector Esqueda

9/23/2016

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



Customer: MERIT ENERGY COMPANY
Date: Friday, September 23, 2016
Well Name: Mabel # 1-21
Well Location: _____
Supervisor: Hector Esqueda

Equipment Operators: Hector E - Carlos I. - Jose C.

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

Customer Signature:  Date: 9-23-16

Additional Comments:
Good job.