



Depend on US

Post Job Report

Merit Energy

White Bear 16-1

9/25/2016

8.625" Surface Casing

Haskell County, KS





Table of Contents:

1.0 Executive Summary.....3

2.0 Job Summary.....4

 2.1 Job Event Log.....4

 2.2 Job Chart.....5

3.0 Water Testing.....6

4.0 Customer Satisfaction Survey.....7



Merit Energy
White Bear 16-1
Haskell 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 White Bear 16-1.

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:

181.66	bbl	400	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 94 Bbls of Fresh Water. The plug bumped and was pressured to 900 psi. 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: Lib1609251329	Job Purpose: 01 Surface
Customer: MERIT ENERGY COMPANY	Date: 9/25/2016
Well Name: White Bear	Number: 16-1
County: Haskell	City: Sublete
Cust. Rep:	Phone:
Legal Desc:	Rig Name: Duke Drilling#9
Distance: 50 miles (one way)	Supervisor: Hector Esqueda

Employees:	Emp. ID:	Employees:	Emp. ID:
Hector E		Carlos I.	
Victor G		Jose C.	

Equipment:
903-541
774-1066
956-841

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	12 1/4	110%	1345	1,580	TAIL CEMENT	
OPEN HOLE	12 1/4	110%	0	1,345	LEAD CEMENT	
OPEN HOLE	12 1/4			0		
OPEN HOLE	12 1/4					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
TOTAL CASING	8 5/8	24	8.097	J-55	0	1,580
SHOE	8 5/8	24	8.097	J-55	1,538	1,580

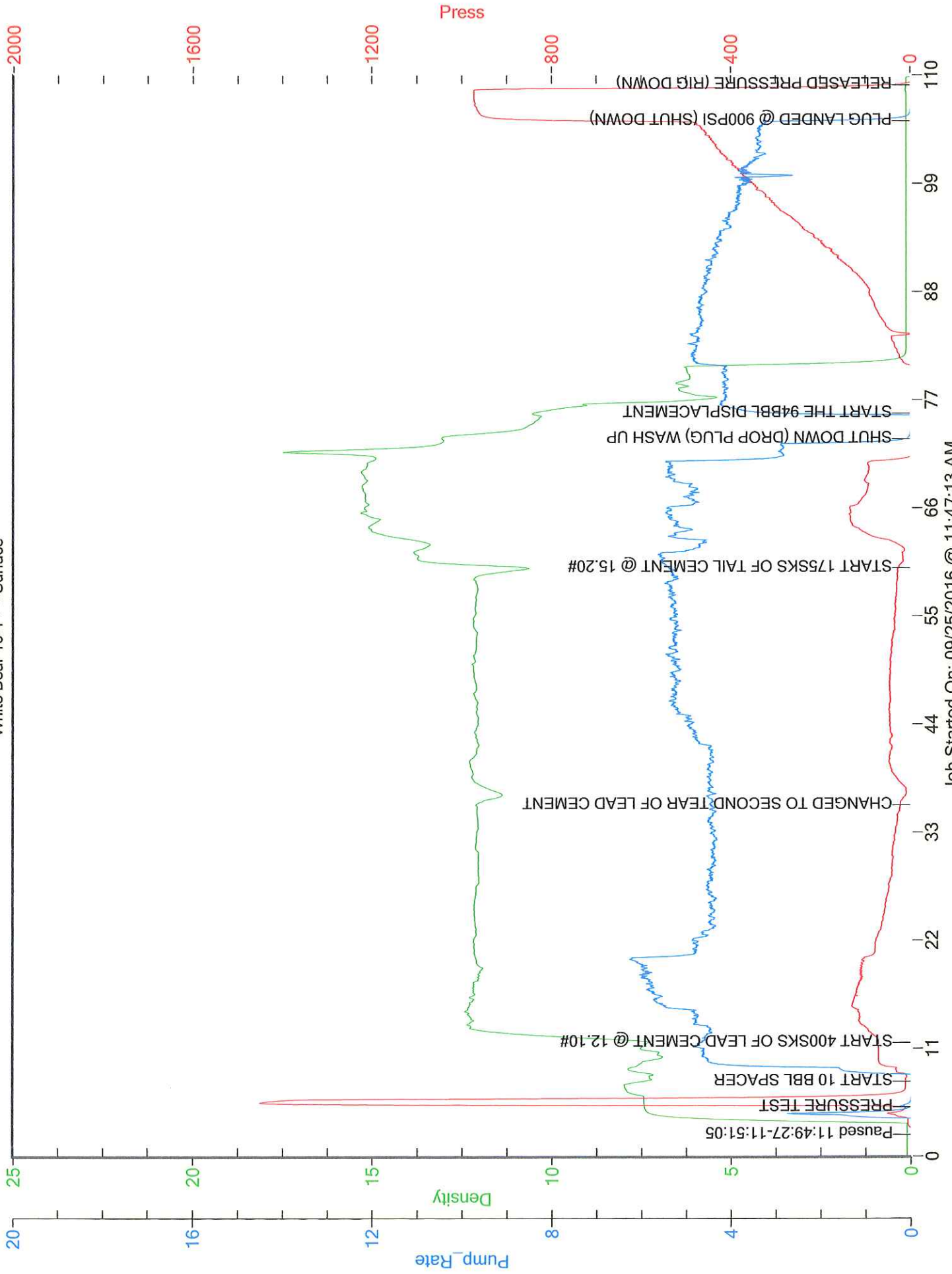
Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	Fresh Water	10	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	400	12.10	2.55	14.86	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	1128.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	200.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	CLASS A COMMON	175	15.20	1.27	5.74	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	1.88	% BWOC	329.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	87.5	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Displacement	97.94531495	8.33	n/a	n/a	

Job Number: Lib1609251329	Job Purpose: 01 Surface
Customer: MERIT ENERGY COMPANY	Date: 9/25/2016
Well Name: White Bear	Number: 16-1
County: Haskell	City: Sublete
Cust. Rep:	Phone:
Distance: 50 miles (one way)	Rig Name: Duke Drilling#9
	Supervisor: Hector Esqueda
	0

Cement Job Summary

TIME AM/PM	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
8:30					arrived to location
					waiting on casing crew
10:30					rig up
11:30					prime up
11:52	70		10	4.5	start the 10bbl spacer
11:55	80		181	4.7	start the 400 sks of lead cement @12.10#
12:20	0			5.5	switched to second tear of lead cement
12:42	100		39	5.5	start the 175 sks of tail cement @15.2#
12:56					shut down (drop the plug) wash up tub
12:59	0		94	4	start the 94 bbl displacement
13:03	0		10	4.3	10bbls gone
13:06	40		20	4.8	20 bbls gone
13:09	50		30	4.5	30 bbls gone
13:11	100		40	4.5	40 bbls gone
13:14	170		50	4.6	50 bbls gone
13:17	250		60	4.3	60 bbls gone
13:21	320		70	4	70 bbls gone
13:24	410		80	3.5	80 bbls gone
13:27	480		90	3.5	90 bbls gone
13:29	900		94		plug landed at 900PSI (shut down)
					wait a few minutes to make sure the
					plug help
13:32					released pressure
					Rig down

Merit Energy Company
White Bear 16-1 - - Surface



Job Started On: 09/25/2016 @ 11:47:13 AM



CEMENT MIXING WATER GUIDELINES

Company Name: MERIT ENERGY COMPANY

Lease Name: White Bear # 16-1

County Haskell State KS

Water Source: TANK

Submitted By: Hector Esqueda Date: 9/25/2016

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

[Empty box for comments]

Customer Signature *Rolny [Signature]*

Thank You



Customer: MERIT ENERGY COMPANY
Date: Sunday, September 25, 2016
Well Name: White Bear # 16-1
Well Location: Sublete
Supervisor: Hector Esque

Equipment Operators: Carlos, Victor and Jose

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: <i>Rodry Esque</i>	Date: <i>9-25-16</i>	
Additional Comments:	<i>Good job!</i>	