

ANADARKO PETROLEUM CORP - EBUS
DO NOT MAIL - PO BOX 4995
THE WOODLANDS, Texas

Helen E. Karich Unit #1

Basic

Post Job Summary **Squeeze Perfs**

Prepared for:	John Strahan
Date Prepared:	8/24/2010
Version: 1	

Service Supervisor: Jason Keleher

Submitted by: Wes Aaron

HALLIBURTON

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)		Comments
08/23/2010 09:30		Arrive at Location from Service Center							
08/23/2010 09:40		Assessment Of Location Safety Meeting							
08/23/2010 10:36		Test Lines							PRESSURE TEST4000 PSI
08/23/2010 10:39		Pump Spacer 1	2.5	10				1520.0	SET INJECTION RATE
08/23/2010 10:50		Pump Cement	2	40				1150.0	195 SKS G NEAT MIXED AT 15.8 PPG WITH SUPPLIED WATER
08/23/2010 11:08		Pump Displacement	2.5	16				1620.0	SUPPLIED WATER
08/23/2010 11:15		Shutdown							RIG STINGS OUT OF RETAINER APPROX 15'.
08/23/2010 11:16		Circulate Well	4	66				1190.0	CIRCULATED WELL. 12 BBL CEMENT BACK
08/23/2010 11:40		End Job							

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2800699	Quote #:	Sales Order #: 7585140
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Webb, Larry	
Well Name: Helen E. Karich		Well #: Unit #1	API/UWI #: 05-123-07851-00
Field: WATTENBERG	City (SAP): PLATTEVILLE	County/Parish: Weld	State: Colorado
Legal Description: Section NENE32 Township 3N Range 66W			
Lat: N 40.185 deg. OR N 40 deg. 11 min. 7.548 secs.		Long: W 104.796 deg. OR W -105 deg. 12 min. 14.58 secs.	
Contractor: Basic		Rig/Platform Name/Num: .	
Job Purpose: Squeeze Perfs			
Well Type: Producing Well		Job Type: Squeeze Perfs	
Sales Person: FLING, MATTHEW		Srvc Supervisor: KELEHER, JASON	MBU ID Emp #: 437348

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AARON, WESLEY J		403606	BRICKER, DANIEL Z		475710	CONGDON, RICHARD S.		320306
COPELAND, GEORGE Willard		429242	KELEHER, JASON E		437348	SAUTER, MARK		410526

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248053C	12 mile	10829456	12 mile	11410470C	12 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL		Total is the sum of each column separately
--------------	--	--

Job**Job Times**

Formation Name					Called Out	Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom			23 - Aug - 2010	07:00	MST
Form Type		BHST			On Location	23 - Aug - 2010	09:30	MST
Job depth MD	4430. ft	Job Depth TVD	4430. ft		Job Started	23 - Aug - 2010	10:35	MST
Water Depth		Wk Ht Above Floor			Job Completed	23 - Aug - 2010	11:40	MST
Perforation Depth (MD)	From	900.00 ft	To	901.00 ft	Departed Loc	23 - Aug - 2010	12:30	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Perforation Interval								4430.	4430.	.	.
Production Casing	Used		4.5	4.052	10.5			.	8009.	.	8009.
Tubing	Used		2.375	1.995	4.6			.	4160.	.	.
Perforation Interval								4150.	4151.	.	.

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Squeeze Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	195.0	sacks	15.8	1.15	4.99	3.0	4.99
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.989 Gal	FRESH WATER							

Calculated Values

Pressures

Volumes

Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	

Rates

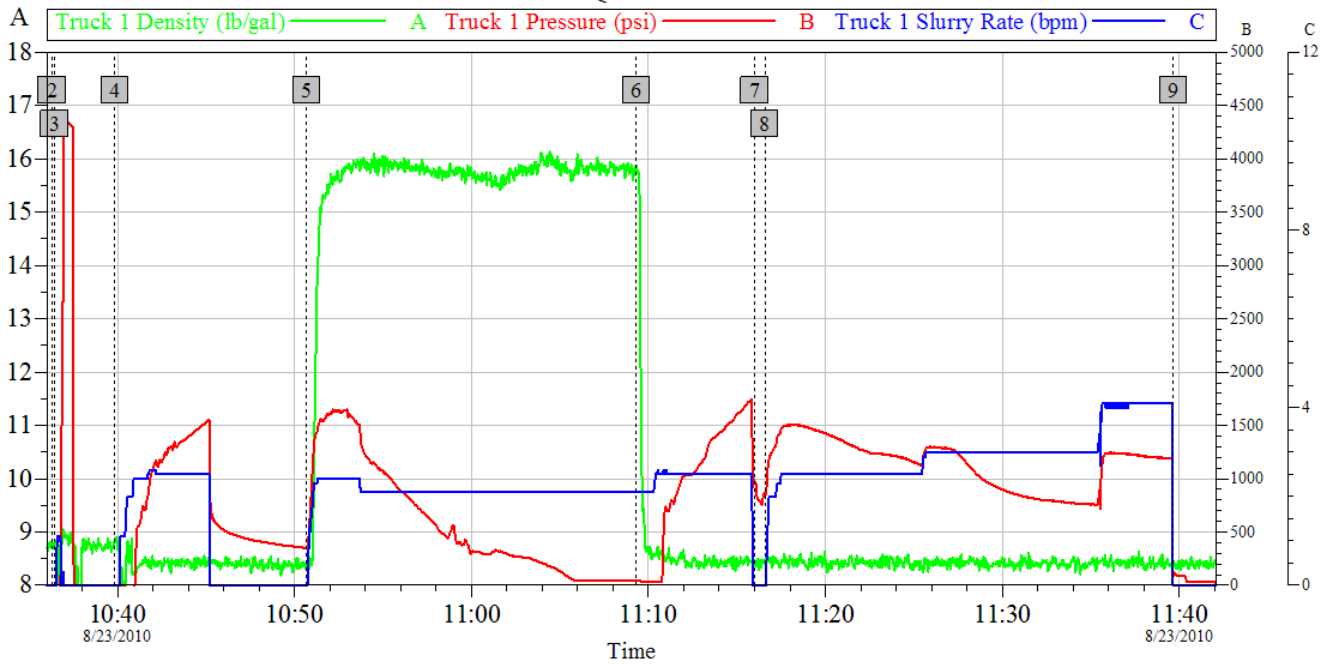
Circulating		Mixing		Displacement		Avg. Job	
Cement Left In Pipe	Amount	66 ft	Reason	Shoe Joint			
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID

The Information Stated Herein Is Correct

Customer Representative Signature

HALLIBURTON

ANADARKO - HELEN E KARICH UNIT #1 SQUEEZE



Global Event Log

1 Starting Job	10:23:09	2 Start Job	10:36:18	3 Test Lines	10:36:26
4 Pump Spacer 1	10:39:51	5 Pump Cement	10:50:41	6 Pump Displacement	11:09:19
7 Shutdown	11:16:00	8 Circulate Well	11:16:35	9 Shutdown	11:39:40
10 End Job	11:43:35	11 Ending Job	11:53:56		

Customer: ANADARKO
Well Description: SQUEEZE

Job Date: 23-Aug-2010
UWI: 05-123-07851-00

Sales Order #: 7585140

OptiCem v6.4.2
23-Aug-10 11:55