

CARRIZO OIL & GAS INC - EBUS

Pergamos 3-44-7-60

EXTREME/#/19

Post Job Summary

Cement Surface Casing

Date Prepared: 12/08/2011
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: PLIENESS, RYAN

Wellbore Geometry

Job Tubulars					MD		TVD		Excess	Shoe Joint Length
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft	%	ft
Open Hole Section	Open Hole		12.250		0.00	1,422.00			0.00	
Casing	Surface Casing	9.63	8.921	36.00	0.00	1,419.00			100.00	80.00

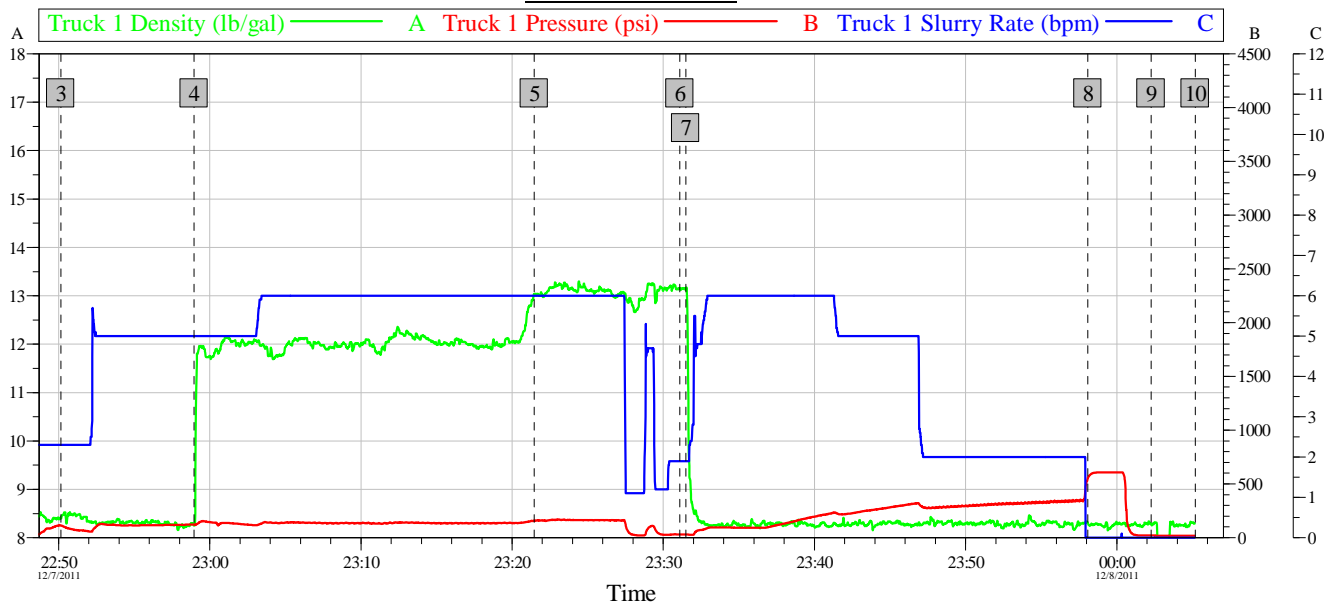
HALLIBURTON

Pumping Schedule

Stage / Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Water Spacer	8.33	5.00	40.0 bbl	40.0 bbl
1	2	Cement Slurry	Swiftcem 12#	12.00	5.00	305.0 sacks	305.0 sacks
1	3	Cement Slurry	SWIFTCEM 13#	13.00	5.00	100.0 sacks	100.0 sacks
1	4	Spacer	Water Displacement	8.33	5.00	103.0 bbl	103.0 bbl

Data Acquisition

CARRIZO OIL & GAS PERGOMAS 3-44-7-60
9.625 SURFACE



Global Event Log

Intersection			TID	TIP	TISR	Intersection			TID	TIP	TISR
1	Starting Job	12/7/2011 22:30:02	-0.010	-16.00	0.000	2	Start Job	12/7/2011 22:39:58	-0.010	-1.000	0.000
3	Pump Spacer 1	12/7/2011 22:50:09	8.400	113.4	2.300	4	Pump Lead Cement	12/7/2011 22:58:58	8.250	121.0	5.000
5	Pump Tail Cement	12/7/2011 23:21:28	13.02	156.9	6.000	6	Drop Top Plug	12/7/2011 23:31:06	13.16	30.00	1.900
7	Pump Displacement	12/7/2011 23:31:29	13.13	29.00	1.900	8	Bump Plug	12/7/2011 23:58:05	8.302	554.1	0.000
9	End Job	12/8/2011 00:02:16	8.281	20.00	0.000	10	Ending Job	12/8/2011 00:05:11	8.290	18.00	0.000

Customer: CARRIZO OIL & GAS
Well Description: 9.625 SURFACE

Job Date: 07-Dec-2011
THANKS LARRY LAVALLEY AND CREW

Sales Order #: 9115287

HALLIBURTON
OptiCem v6.4.2
08-Dec-11 00:06

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
12/07/2011 00:02		End Job						RIG DOWN TO LEAVE LOCATION HEAD BACK TO CAMP
12/07/2011 22:39		Start Job						RIG CIRCULATED 1 HOUR PRIOR TO CEMENTING
12/07/2011 22:40		Test Lines					2000.0	DID NOT TEST LINES DUE TO TEMP AT 6 DEGREES
12/07/2011 22:50		Pump Spacer 1	6	40			113.0	RIG WATER SPACER
12/07/2011 22:58		Pump Lead Cement	6	134			121.0	305 SKS SWIFTCES B2 MIXED @ 12PPG
12/07/2011 23:21		Pump Tail Cement	6	35			156.0	100 SKS SWIFTCES B2 MIXED @ 13PPG
12/07/2011 23:31		Shutdown					30.0	DID NOT CLEAN PUMP AND LINES
12/07/2011 23:31		Drop Top Plug					29.0	PRELOADED HWE PLUG
12/07/2011 23:31		Pump Displacement	6	103.5			305.0	RIG WATER WITH NO ADDITIVES CALCULATED 85 BBLS CEMENT BACK TO SURFACE. GOT CEMENT BACK TO SURFACE AT 65 BBLS AWAY. 40 BBLS CEMENT BACK TO SURFACE
12/07/2011 23:58		Bump Plug	2				554.0	CALCULATED PRESSURE TO LAND WAS 591 PSI . CALCULATED PRESSURE TO LIFT WAS 605 PSI.

The Road to Excellence Starts with Safety

Sold To #: 301228	Ship To #: 2895355	Quote #:	Sales Order #: 9115287
Customer: CARRIZO OIL & GAS INC - EBUS	Customer Rep: HARRIS, TOM		
Well Name: Pergamos	Well #: 3-44-7-60	API/UWI #: 05-123-33955	
Field:	City (SAP): RAYMER	County/Parish: Weld	State: Colorado
Lat: N 40.598 deg. OR N 40 deg. 35 min. 52.08 secs.	Long: W 104.07 deg. OR W -105 deg. 55 min. 47.28 secs.		
Contractor: EXTREME	Rig/Platform Name/Num: #19		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: FLING, MATTHEW	Srvc Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARRAS, JOSEPH Corey		405168	DIRKS, RICHARD E		485940	FLYNN, SHAD Michael		476484
LAVALLEY, LARRY P		419296						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11064535	80 mile	11362287C	80 mile	11518549	80 mile	11526488	80 mile
5707C	80 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

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	1422. ft	1422. ft	6. ft			

Job Times

Called Out	Date	Time	Time Zone
On Location	07 - Dec - 2011	10:00	MST
Job Started	07 - Dec - 2011	15:30	MST
Job Completed	07 - Dec - 2011	22:39	MST
Job Completed	08 - Dec - 2011	00:02	MST
Departed Loc	08 - Dec - 2011	00:45	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
Open Hole				12.25				.	1422.		
Surface Casing	Unknown		9.625	8.921	36.		N-80	.	1419.		

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	Water Spacer		40.00	bbl	8.33	.0	42.0	5.0	
2	Swiftcem 12#	SWIFTCEM (TM) SYSTEM (452990)	305.0	sacks	12.	2.47	14.56	5.0	14.56
		0.25 lbm	POLY-E-FLAKE (101216940)						
		14.56 Gal	FRESH WATER						
3	SWIFTCEM 13#	SWIFTCEM (TM) SYSTEM (452990)	100.0	sacks	13.	1.94	10.61	5.0	10.61
		0.25 lbm	POLY-E-FLAKE (101216940)						
		10.61 Gal	FRESH WATER						
4	Water Displacement		103.00	bbl	8.33	.0	42.0	5.0	
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	80 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					

