
CHEVRON - MID-CONTINENT EBIZ

SKR 698-04-AV-12
PICEANCE
Garfield County , Colorado

Cement Production Casing

02-Feb-2009

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2695767	Quote #:	Sales Order #: 6480301
Customer: CHEVRON - MID-CONTINENT EBIZ		Customer Rep: MEIER, DAN	
Well Name: SKR		Well #: 698-04-AV-12	API/UWI #:
Field: PICEANCE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Contractor: H&P 318		Rig/Platform Name/Num: H&P 318	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HARTLEY, RICHARD		Srvc Supervisor: DANIEL, EVERETT	MBU ID Emp #: 337325

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNOLD, EDWARD John	5.75	439784	CLARKE, GERALD C	5.75	441763	DANIEL, EVERETT Dean	5.75	337325
HOEFER, FREEMAN Dennis	5.75	369666	WILKE, ANDREW J	5.75	398822			

Equipment

HES Unit #	Distance-1 way						
10296148C	60 mile	10533645	60 mile	10592964	60 mile	10951246	60 mile
10988978	60 mile	11057896	60 mile	6334	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2/2/09	5.75	3.5						
TOTAL	5.75	3.5	<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone
				Called Out	02 - Feb - 2009	14:20 MST
Form Type			BHST	On Location	02 - Feb - 2009	18:00 MST
Job depth MD	6099. ft		Job Depth TVD	6099. ft	Job Started	02 - Feb - 2009 20:57 MST
Water Depth			Wk Ht Above Floor	5. ft	Job Completed	02 - Feb - 2009 22:15 MST
Perforation Depth (MD)	From		To	Departed Loc	02 - Feb - 2009	23:45 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

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 4 1/2, HWE, 3.65 MIN/4.14 MA	1	EA		

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	Dyed Spacer		40	bbl	8.33	.0	.0	.0	
2	Lead Cement	VARICEM (TM) CEMENT (452009)	305	sacks	12.8	1.6	7.31		
3	Tail Cement	VARICEM (TM) CEMENT (452009)	610	sacks	13.2	1.47	6.32		
4	KCL Displacement		93.3	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	93.3	Shut In: Instant		Lost Returns		Cement Slurry	246.6	Pad	
Top Of Cement	88	5 Min		Cement Returns		Actual Displacement	93.3	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	
Rates									
Circulating	6	Mixing	6.5	Displacement	8	Avg. Job	7		
Cement Left In Pipe	Amount	48 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					

The Road to Excellence Starts with Safety

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Customer: CHEVRON - MID-CONTINENT EBIZ		Customer Rep: MEIER, DAN	
Well Name: SKR	Well #: 698-04-AV-12	API/UWI #:	
Field: PICEANCE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: H&P 318		Rig/Platform Name/Num: H&P 318	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HARTLEY, RICHARD		Srvc Supervisor: DANIEL, EVERETT	MBU ID Emp #: 337325

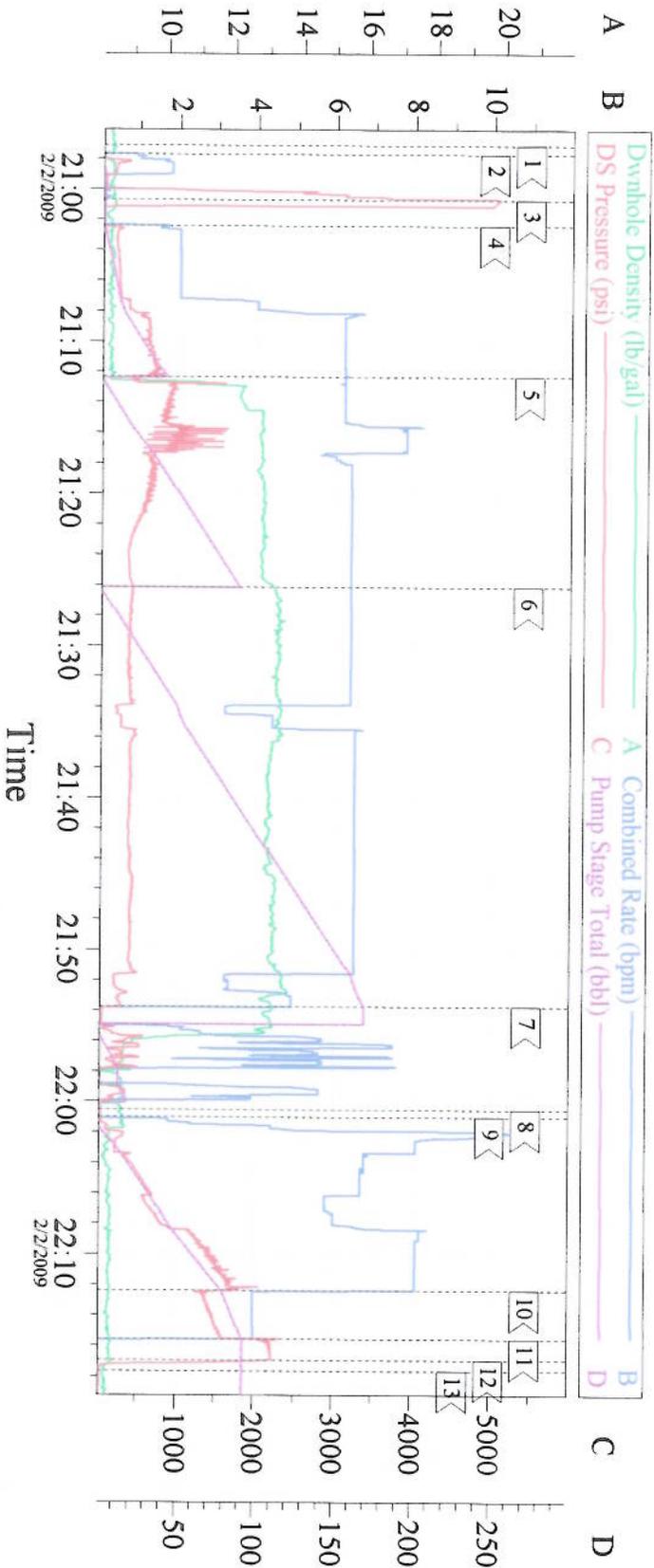
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/02/2009 14:20							
Depart Yard Safety Meeting	02/02/2009 16:30							Discussed driving conditions, possible hazards, convoy order and safety concerns.
Depart from Service Center or Other Site	02/02/2009 16:45							Checked out HES pump (Elite 1)-660- Iron Trailer
Arrive at Location from Service Center	02/02/2009 18:00							Crew arrived on location on time
Assessment Of Location Safety Meeting	02/02/2009 18:05							
Comment	02/02/2009 18:15							Consult with Co. Rep. Verified calculations and materials on location including H2O and Cement totals
Safety Meeting - Pre Rig-Up	02/02/2009 18:30							
Rig-Up Equipment	02/02/2009 18:40							Iron to Rig, Iron to pit, 660, Silo, Two Water Lines
Rig-Up Completed	02/02/2009 19:45							
Safety Meeting - Pre Job	02/02/2009 20:45							Discussed job procedures and safety issues
Start Job	02/02/2009 20:57							
Prime Pumps	02/02/2009 20:57		2	2			190.0	Fresh Water
Test Lines	02/02/2009 21:00		0.5	0.1			5100.0	Fresh Water
Pump Spacer 1	02/02/2009 21:02		6	40			660.0	Polyflake H2O Spacer

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	02/02/2009 21:12		6.5	86.9			1024. 0	305 sks of VARICEM @ 12.8# - 1.60 yield - 7.31 H2O requirement
Shutdown	02/02/2009 21:15							
Pump Tail Cement	02/02/2009 21:19		6.5	159.7			432.0	610 sks of VARICEM@ 13.2# - 1.47 yield - 6.32 H2O requirement
Clean Lines	02/02/2009 21:53							
Drop Top Plug	02/02/2009 22:00							Co. Rep. verified plug leaving container.
Pump Displacement	02/02/2009 22:01		8	93.3			1760. 0	2 percent KCL Water
Slow Rate	02/02/2009 22:12		4	83			1400. 0	
Bump Plug	02/02/2009 22:15		4	93.3			1540. 0	Bumped plug @ 700 psi over
Check Floats	02/02/2009 22:16						2230. 0	Floats Held
End Job	02/02/2009 22:17							
Safety Meeting - Pre Rig-Down	02/02/2009 22:20							Discussed job procedures and safety issues
Rig-Down Equipment	02/02/2009 22:30							
Rig-Down Completed	02/02/2009 23:30							
Safety Meeting - Departing Location	02/02/2009 23:35							Discussed driving conditions, possible hazards, convoy order and safety concerns.
Depart Location for Service Center or Other Site	02/02/2009 23:45							

Total Depth = 6099 , Total Casing = 6066 , Shoe Joint =48 , Mud Weight =10.2# . Casing remained stationary throughout job and was chained down.278 bbls of H2O were used for the job and 40 bbls were used for clean up (before dropping plug and after the job) The plug landed at calculated displacement and the floats held.

Thank you for using Grand Junction Halliburton Dean Daniel & Crew

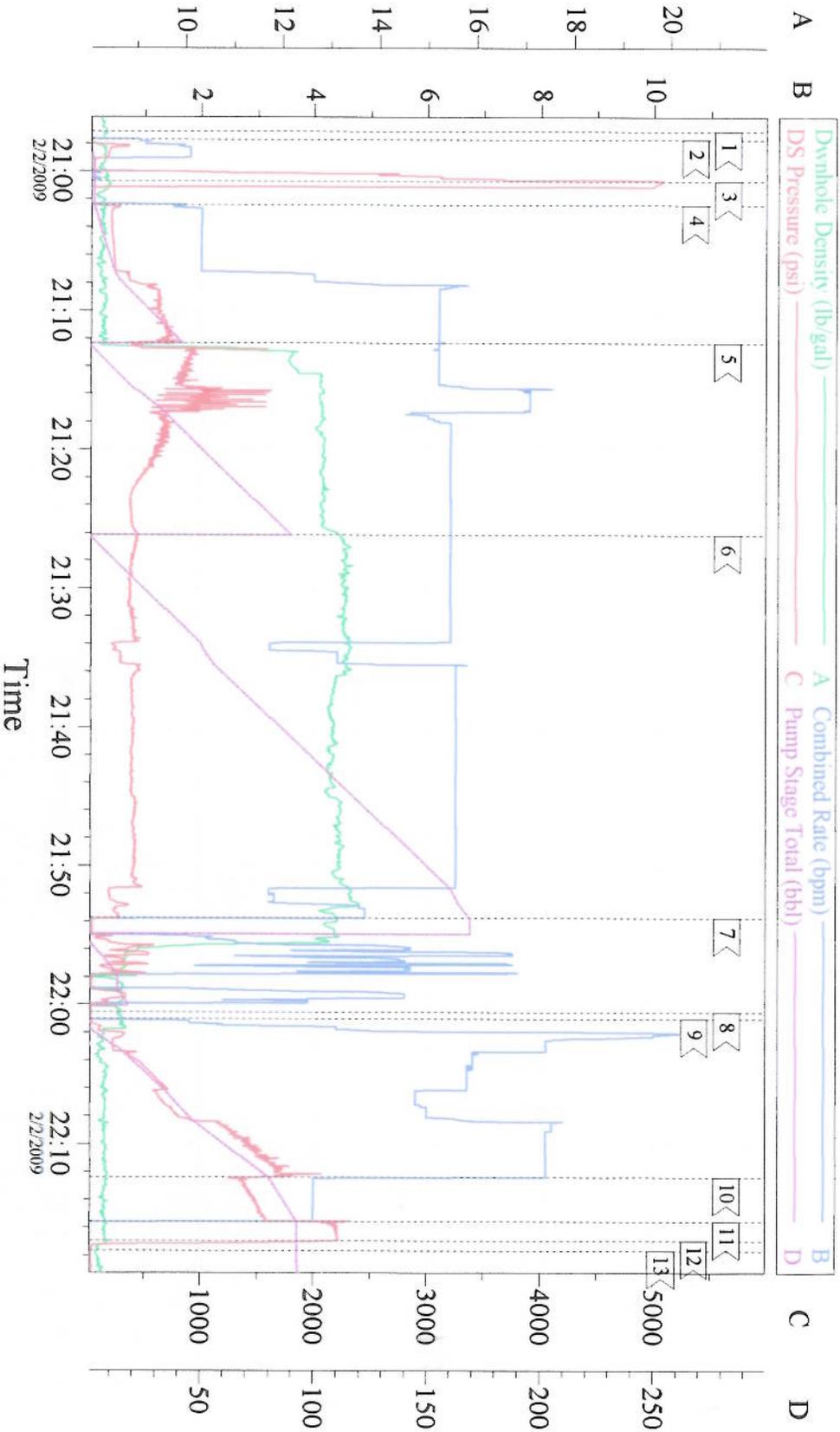
4 1/2 LONG STRING H&P 318



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|------|-----------------------|----------|------|------------------|----------|------|-------------------|----------|
| 1 < | Start Job | 20:57:09 | 2 < | Prime Lines | 20:57:44 | 3 < | Test Lines | 21:00:43 |
| 4 < | Pump Spacer 1 | 21:02:26 | 5 < | Pump Lead Cement | 21:12:21 | 6 < | Pump Tail Cement | 21:26:08 |
| 7 < | Shut Down/Clean Lines | 21:53:44 | 8 < | Drop Top Plug | 22:00:32 | 9 < | Pump Displacement | 22:01:01 |
| 10 < | Slow Rate | 22:12:22 | 11 < | Bump Plug | 22:15:33 | 12 < | Check Floats | 22:16:55 |
| 13 < | End Job | 22:17:38 | | | | | | |

Customer: Chevron Well Number: SKR 698-04-AV-12 Supervisor: Dean Daniel	Job Date: 2/2/2009 Co. Rep: Elmer Tatum HES Unit: Elite 1
Ticket #: 6480301 ADC Used: YES Operator: Dennis Hoefler	CamWin v1.7.2 02-Feb-09 22:36

4 1/2 LONG STRING H&P 318



Customer: Chevron	Job Date: 2/2/2009	Ticket #: 6480301
Well Number: SKR 698-04-AV-12	Co. Rep: Elmer Tatum	ADC Used: YES
Supervisor: Dean Daniel	HES Unit: Elite 1	Operator: Dennis Hoefler