

# CHEVRON - MID-CONTINENT EBIZ

SKR 598-36-BV-22

PICEANCE

Garfield County, Colorado

## Cement Surface Casing

23-Feb-2009

## Job Site Documents

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**Job Site Documents**



## The Road to Excellence Starts with Safety

Sold To #: 338668		Ship To #: 2695503		Quote #:		Sales Order #: 6481160	
Customer: CHEVRON - MID-CONTINENT EBIZ				Customer Rep: DOHERTY, ED			
Well Name: SKR		Well #: 598-36-BV-22		API/UWI #:			
Field: PICEANCE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Contractor: H&P 316		Rig/Platform Name/Num: H&P 316					
Job Purpose: Cement Surface Casing							
Well Type: Development Well		Job Type: Cement Surface Casing					
Sales Person: DUNNING, DUSTIN		Srvc Supervisor: LEIST, JAMES		MBU ID Emp #: 362787			
<b>Job Personnel</b>							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
BREES, MICHAEL	4	459034	DICKEY, MATTHEW	4	457739	HAMMOND, DENNIS C	4
Robert			Allan				287025
HAYES, JESSE Doug	4	403601	LEIST, JAMES R	4	362787	MALONE, FLOYD	4
						Wayne	393379
<b>Equipment</b>							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10297346	120 mile	10567589C	120 mile	10710872	120 mile	10951249	120 mile
10995027	120 mile	11057893	120 mile	11071559	120 mile		
<b>Job Hours</b>							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
2-22-09	3	1	2-23-09	1	1		
TOTAL		Total is the sum of each column separately					
<b>Job</b>				<b>Job Times</b>			
Formation Name				Date			
Formation Depth (MD) Top				Time			
Bottom				Time Zone			
Form Type				Called Out			
BHST				22 - Feb - 2009			
Job depth MD				On Location			
1065. ft				22 - Feb - 2009			
Job Depth TVD				Job Started			
1065. ft				22 - Feb - 2009			
Water Depth				Job Completed			
Wk Ht Above Floor				23 - Feb - 2009			
4. ft				00:18			
Perforation Depth (MD) From				Departed Loc			
To				23 - Feb - 2009			
				02:00			
				MST			
<b>Well Data</b>							
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
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>							
Description				Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA				1	EA		
PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI				1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI				1	JOB		
<b>Tools and Accessories</b>							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
<b>Miscellaneous Materials</b>							
Gelling Agt		Conc		Surfactant		Conc	
Treatment Fld		Conc		Inhibitor		Conc	
				Acid Type		Qty	
				Sand Type		Size	
						Conc	%
						Qty	

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	DYE SPACER AND POLYFLAKE		30	bbl	.	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	142	sacks	12.3	2.38	13.75		
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	140	sacks	12.8	2.11	11.75		
4	DISPLACEMENT		63.9	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	63.9	Shut In: Instant		Lost Returns	0	Cement Slurry	112.8	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	1	Actual Displacement	63.9	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating	6	Mixing	6	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount 49.3 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					



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Well Name: SKR			Well #: 598-36-BV-22		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 316			Rig/Platform Name/Num: H&P 316				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: DUNNING, DUSTIN			Srvc Supervisor: LEIST, JAMES			MBU ID Emp #: 362787	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/22/2009 15:00							TP-1053, TD-1085, S.J.- 49.30, MUD#-9, HOLE- 12.25
Pre-Convoy Safety Meeting	02/22/2009 15:00							WITH ALL HES PERSONNEL
Crew Leave Yard	02/22/2009 15:30							GOOD CIRULATION THROUGHOUT JOB, NO PIPE MOVEMENT DURING JOB
Arrive At Loc	02/22/2009 20:00							
Assessment Of Location Safety Meeting	02/22/2009 20:10							WITH ALL HES PERSONNEL, WET AND MUDDY RIGUP AREA
Pre-Rig Up Safety Meeting	02/22/2009 20:20							WITH ALL HES PERSONNEL
Rig-Up Completed	02/22/2009 21:20							
Pre-Job Safety Meeting	02/22/2009 23:00							WITH ALL ON LOCATION PERSONNEL
Start Job	02/22/2009 23:26							
Pressure Test	02/22/2009 23:26							3300PSI
Pump Spacer 1	02/22/2009 23:28		2		30		278.0	DYE AND POLYFLAKE SPACER
Pump Lead Cement	02/22/2009 23:41		6		60.2		273.0	142 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK
Pump Tail Cement	02/22/2009 23:52		6		52.6		260.0	140 SKS, 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK, SLOWED RATE AT END TO KEEP DENISTY IN CMT

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	02/23/2009 00:01							
Drop Top Plug	02/23/2009 00:03							TOP PLUG HAS LEFT THE PLUG CONTAINER
Pump Displacement	02/23/2009 00:03		6		63.9		260.0	FRESH WATER
Slow Rate	02/23/2009 00:14		3		53		242.0	TO BUMP PLUG
Bump Plug	02/23/2009 00:17		3		63.9		265.0	
Check Floats	02/23/2009 00:18						1382. 0	THE FLOATS ARE HOLDING
End Job	02/23/2009 00:18							
Pre-Rig Down Safety Meeting	02/23/2009 00:25							WITH ALL HES PERSONNEL
Rig-Down Completed	02/23/2009 01:00							
Pre-Convoy Safety Meeting	02/23/2009 01:30							WITH ALL HES PERSONNEL
Crew Leave Location	02/23/2009 01:45							
Comment	02/23/2009 01:46							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW



# CHEVRON

## 8 5/8 SURFACE

