

**CHEVRON - MID-CONTINENT EBIZ  
11111 S WILCREST DR - DO NOT MAIL  
HOUSTON, Texas**

SKR  
SKR 698-04-AV

**H&P 318/H&P/318**

## **Post Job Summary**

# **Cement Surface Casing**

Prepared for:  
Date Prepared:  
Version: 1

Service Supervisor: Main, Chad

Submitted by:

**HALLIBURTON**

### The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2695767	Quote #:	Sales Order #: 6434567
Customer: CHEVRON - MID-CONTINENT EBIZ	Customer Rep: Meier, Dan		
Well Name: SKR	Well #: 698-04-AV	API/UWI #: 05-045-17516	
Field: SKINNER RIDGE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.559 deg. OR N 39 deg. 33 min. 33.304 secs.	Long: W 108.338 deg. OR W -109 deg. 39 min. 41.771 secs.		
Contractor: H&P 318	Rig/Platform Name/Num: H&P 318		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: DUNNING, DUSTIN	Srv Supervisor: Main, Chad	MBU ID Emp #: 335770	

#### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CLARKE, GERALD C	8.5	441763	HODO, RICHARD Leon	8.5	413108	HOEY, ROBERT Ross	8.5	399757
Main, Chad	8.5	335770						

#### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219244C	120 mile	10784080	120 mile	10804579	120 mile	10951244	120 mile

#### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
01/10/09	8.5	4						
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	1019. ft	1019. ft				
							Wk Ht Above Floor			3. ft

#### Job Times

Date	Time	Time Zone
10 - Jan - 2009	04:00	MST
10 - Jan - 2009	08:00	MST
10 - Jan - 2009	13:45	MST
10 - Jan - 2009	14:38	MST
10 - Jan - 2009	16:31	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
12 1/4 Open Hole Section				12.25					1030.		
8 5/8 Surface Casing	Unknown		8.625	8.097	24.				1030.		

#### Sales/Rental/3<sup>rd</sup> Party (HES)

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		

#### 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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	DYED AND POLYFLAKE SPACER		50.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	150.0	sacks	12.3	2.38	13.75		13.75
	13.418 Gal	FRESH WATER							
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	155.0	sacks	12.8	2.11	11.75		11.75
	11.483 Gal	FRESH WATER							
4	H2O DISPLACEMENT		62.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	61.3	Shut In: Instant		Lost Returns	0	Cement Slurry	121.8	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	61.3	Treatment	
Frac Gradient		15 Min		Spacers	50	Load and Breakdown		Total Job	
Rates									
Circulating	7	Mixing	7	Displacement	7	Avg. Job	7		
Cement Left In Pipe	Amount	44.55 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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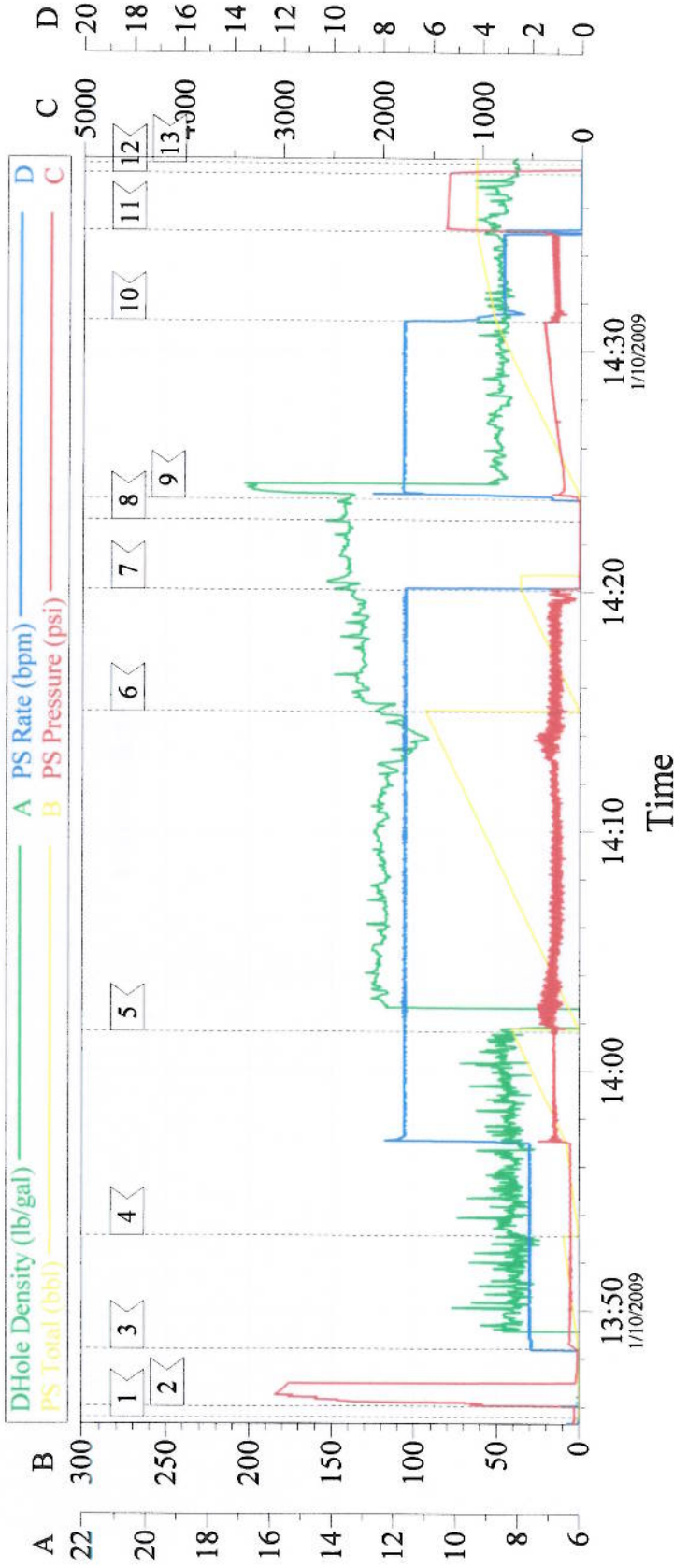
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	01/10/2009 08:00							TD 1019' CSG 1008.65' SJ 44.55' MUD 9.9 PPG
Assessment Of Location Safety Meeting	01/10/2009 08:10							RIG WAS STILL RUNNING CASING WHEN HES ARRIVED
Pre-Rig Up Safety Meeting	01/10/2009 10:50							
Rig-Up Equipment	01/10/2009 11:00							
Pre-Job Safety Meeting	01/10/2009 12:00							AFTER SAFETY MEETING HES WAITED ON RIG TO FIX THEIR PUMP AND THERE WAS FLUID COMING OUT FROM THE NEXT WELL OVER PER CUSTOMER HES WAS TOLD TO PUMP THE JOB
Rig-Up Completed	01/10/2009 12:10							RIG CIRCULATED ON WELL 1 HR BEFORE STARTING CEMENT JOB
Start Job	01/10/2009 13:45							WELL WAS NOT PUMPED ON FOR 1 HR WHILE RIG WAS FIXING PROBLEMS
Pressure Test	01/10/2009 13:46						3000. 0	NO PIPE MOVEMENT DURING CEMENT JOB
Pump Spacer 1	01/10/2009 13:48		7	50			90.0	H2O SPACER WITH POLYFLAKE IN IT HES HAD FULL CIRCULATION ENTIRE JOB



## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	01/10/2009 14:01		7	63.6			289.0	150 SKS AT 12.3 PPG 2.38 FT3/SK 13.75 GAL/SK
Pump Tail Cement	01/10/2009 14:14		7	58.2			255.0	155 SKS AT 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	01/10/2009 14:20							
Drop Top Plug	01/10/2009 14:22							
Pump Displacement	01/10/2009 14:23		7	61.3			230.0	DISPLACE WITH H2O
Bump Plug	01/10/2009 14:34		4	61.3			1243. 0	HES RETURNED TO SURFACE 25 BBLs OF CEMENT
Check Floats	01/10/2009 14:37							FLOATS HELD
End Job	01/10/2009 14:38							
Pre-Rig Down Safety Meeting	01/10/2009 14:45							
Rig-Down Equipment	01/10/2009 14:55							
Rig-Down Completed	01/10/2009 16:00							
Depart Location for Service Center or Other Site	01/10/2009 16:30							
Other	01/10/2009 16:31							THANK YOU FOR USING HALLIBURTON GRAND JUNCTION

# 8 5/8 SURFACE



## Event Log

1	Start Job	13:45:33	2	Pressure Test	13:46:01	3	Pump H2O and Polyflake	13:48:24
4	Pump H2O Spacer	13:53:07	5	Pump Lead Cement	14:01:37	6	Pump Tail Cement	14:14:58
7	Shutdown	14:20:03	8	Drop Plug	14:22:57	9	Start Displacement	14:23:50
10	Slowed Rate	14:31:14	11	Bump Plug	14:34:58	12	Check Floats	14:37:21
13	End Job	14:37:46						

Customer: CHEVRON  
Well Description: 8 5/8 CASING  
Company Rep: DAN MEIER

Job Date: 01/10/09  
Well Name & # SKR 698-04-AV-12  
Supervisor: Chad Main

Ticket #: 6434567  
Truck # ZS4  
Operator: Richard Hodo

CemWin v1.7.2  
10-Jan-09 14:53