

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

SKR
SKR 598-36-AV-20

H&P 318/H&P/318

Post Job Summary

Cement Surface Casing

Prepared for:
Date Prepared:
Version: 1

Service Supervisor: FEUERBORN, JOHN

Submitted by:

HALLIBURTON

The Road to Excellence Starts with Safety

The Road to Excellence Starts With Safety			
Sold To #: 338668	Ship To #: 2666610	Quote #:	Sales Order #: 6194791
Customer: CHEVRON - MID-CONTINENT EBIZ		Customer Rep: MEIER, DAN	
Well Name: SKR		Well #: 598-36-AV-20	API/UWI #:
Field: SKINNER RIDGE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
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: HARTLEY, RICHARD		Srvc Supervisor: FEUERBORN, JOHN	MBU ID Emp #: 381677

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A		371353	FEUERBORN, JOHN William		381677	PACHEO, DUSTIN		449405
WOOLERY, JEREMY		368214						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10551730C	120 mile	10719771	120 mile	10724567C	120 mile	10938665	120 mile
10995025	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9-26-08	4	1						
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name					Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out		
Form Type		BHST			On Location	26 - Sep - 2008	15:00
Job depth MD	1278. ft	Job Depth TVD	1278. ft		Job Started	26 - Sep - 2008	18:00
Water Depth		Wk Ht Above Floor	4. ft		Job Completed	26 - Sep - 2008	18:56
Perforation Depth (MD)	From		To		Departed Loc		

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
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Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 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
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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	PolyFlake Dyed Spacer		20.0	bbl	.	.0	.0	.0	
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	229.0	sacks	12.3	2.38	13.75		
	0.432 Gal	FRESH WATER							
3	VersaCem Tail Cement	VERSACEM (TM) SYSTEM (452010)	164.0	sacks	12.8	2.11	11.75		11.75
	0.347 Gal	FRESH WATER							
4	Fresh Water Displacement			bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	75.5	Shut In: Instant		Lost Returns		Cement Slurry	158	Pad	
Top Of Cement	0	5 Min		Cement Returns	50	Actual Displacement	75.5	Treatment	
Frac Gradient		15 Min		Spacers	50	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	6	Displacement	10	Avg. Job	7		
Cement Left In Pipe	Amount	0 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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Sold To #: 338668	Ship To #: 2666610	Quote #:	Sales Order #: 6194791
Customer: CHEVRON - MID-CONTINENT EBIZ	Customer Rep: MEIER, DAN		
Well Name: SKR	Well #: 598-36-AV-20	API/UWI #:	
Field: SKINNER RIDGE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: H&P 318	Rig/Platform Name/Num: H&P 318		
Job Purpose: Cement Surface Casing	Ticket Amount:		
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: HARTLEY, RICHARD	Srv Supervisor: FEUERBORN, JOHN	MBU ID Emp #: 381677	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Yard Safety Meeting	09/26/2008 12:50							
Crew Leave Yard	09/26/2008 13:00							
Arrive At Loc	09/26/2008 15:00							
Safety Meeting - Assessment of Location	09/26/2008 15:10							
Other	09/26/2008 15:15							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	09/26/2008 15:20							
Rig-Up Equipment	09/26/2008 15:25							
Other	09/26/2008 16:30							RIG CIRCULATING ON BOTTOM
Pre-Job Safety Meeting	09/26/2008 17:30							
Start Job	09/26/2008 17:55							
Test Lines	09/26/2008 18:00							2000psi ON TRUCK AND LINES
Pump Spacer 1	09/26/2008 18:01		6	50			245.0	H2O LAST 20 BBLS HAS DYE AND POLYFLAKE IN IT
Pump Lead Cement	09/26/2008 18:12		6	97			305.0	229sks PUMPED AT 12.3ppg
Pump Tail Cement	09/26/2008 18:30		6	61.6			250.0	164sks PUMPED AT 12.8ppg
Drop Top Plug	09/26/2008 18:45							PLUG AWAY
Pump Displacement	09/26/2008 18:46		10				725.0	H2O
Other	09/26/2008 18:52		2	65			300.0	SLOW RATE

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	09/26/2008 18:56		2	75.9			1425. 0	
Check Floats	09/26/2008 19:01							HOLDING
End Job	09/26/2008 19:02							GOOD RETURNS PIPE LEFT STATIC 50 BBLS TO SURFACE
Post-Job Safety Meeting (Pre Rig-Down)	09/26/2008 19:10							
Safety Meeting - Departing Location	09/26/2008 21:00							
Crew Leave Location	09/26/2008 21:15							

Event Log											
Intersection			pp	Intersection			pp	Intersection			pp
1	START JOB	18:00:26	23.00	2	TEST LINES	18:01:02	1171	3	PUMP SPACER	18:02:50	18.00
4	PUMP LEAD CMT	18:13:56	209.5	5	PUMP TAIL CMT	18:31:43	247.5	6	DROP PLUG	18:46:57	18.77
7	PUMP DISPLACEMENT	18:47:33	242.6	8	SLOW RATE	18:53:58	548.4	9	BUMP PLUG	18:58:06	1412
10	CHECK FLOATS	19:02:39	1352	11	END JOB	19:03:15	29.00				

Customer:	CHEVERON	Job Date:	9-26-08	Ticket #:	6197491
Well Number:	598-36-AV-20	Pump:	ELITE 2	ADC Used:	YES
Supervisor:	JOHN FEUERBORN	Company Rep.:	RANDY MORGAN	Operator:	JEREMY WOOLERLY

EVENT #	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job					
6	Test Lines	2000.0				
9	H2O spacer	50.0				
13	Lead Cement	97.0	229	12.3	2.38	13.75
15	Tail Cement	61.6	164	12.8	2.11	11.75
22	Drop Plug					
23	Displace with H2O	75.9				
26	Land Plug	274psi+1000				
2	Release Psi / Job Over					
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH	FLOAT COLLAR	BBL/FT	H2O REQ.	
75.87	1243	50.00	1193.00	0.0636	290	
PSI TO LIFT	438	*****Use Mud Scales on Each Tier*****				
Total Displacement	75.87					
CALCULATED DIFFERENTIAL PSI		274	TOTAL FLUID PUMPED		285	
Collapse	1370	Burst	2950	SO#	6194791	