
CHEVRON - MID-CONTINENT EBIZ

**SKR 598-36-BV-13
SKINNER RIDGE
Garfield County , Colorado**

Cement Production Casing **07-Feb-2009**

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2695488	Quote #:	Sales Order #: 6487047
Customer: CHEVRON - MID-CONTINENT EBIZ	Customer Rep:		
Well Name: SKR	Well #: 598-36-BV-13	API/UWI #:	
Field: SKINNER RIDGE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Contractor: H&P 316	Rig/Platform Name/Num: H&P 316		
Job Purpose: Cement Production Casing			
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: HARTLEY, RICHARD	Srv Supervisor: BROST, ROBERT	MBU ID Emp #: 394382	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BLANCHETTE, JAMES George	13	371360	BROST, ROBERT W	13	394382	BROWN, TRAVIS A	13	396848
LESLIE, MICHAEL D	13	320605	morey, steve	13	453277	steel, ben	13	458599
STEMPKY, MICHAEL J	13	392967						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025118	120 mile	10026594C	120 mile	10829469	120 mile	10872429	120 mile
10897909	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2/7/09	9	1.5						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Wk Ht Above Floor	Perforation Depth (MD)	From	To	Deparated Loc	Date	Time	Time Zone
				BHST	7408. ft	7408. ft	4. ft					07 - Feb - 2009	11:00	MST
												07 - Feb - 2009	15:00	MST
												07 - Feb - 2009	21:59	MST
												07 - Feb - 2009	23:37	MST
												07 - Feb - 2009	02:30	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
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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		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PORT. DAS W/CEMWIN;ACQUIRE W/HES, 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	4.5"	1	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	4.5"	1	
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	Polyflake and Dyed Spacer		50	bbl	.	.0	.0	.0	
2	Lead Cement	VARICEM (TM) CEMENT (452009)	325	sacks	12.8	1.6	7.31		
3	Tail Cement	VARICEM (TM) CEMENT (452009)	875	sacks	13.2	1.47	6.32		
4	KCL Displacement		114	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	114	Shut In: Instant		Lost Returns	No	Cement Slurry	321	Pad	
Top Of Cement	surface	5 Min		Cement Returns	No	Actual Displacement	114	Treatment	
Frac Gradient		15 Min		Spacers	50	Load and Breakdown		Total Job	
Rates									
Circulating	rig	Mixing	7.5	Displacement	8	Avg. Job	7.5		
Cement Left In Pipe	Amount	46 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-13		API/UWI #:		
Field: SKINNER RIDGE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat:				Long:			
Contractor: H&P 316			Rig/Platform Name/Num: H&P 316				
Job Purpose: Cement Production Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Production Casing				
Sales Person: HARTLEY, RICHARD			Srvc Supervisor: BROST, ROBERT			MBU ID Emp #: 394382	

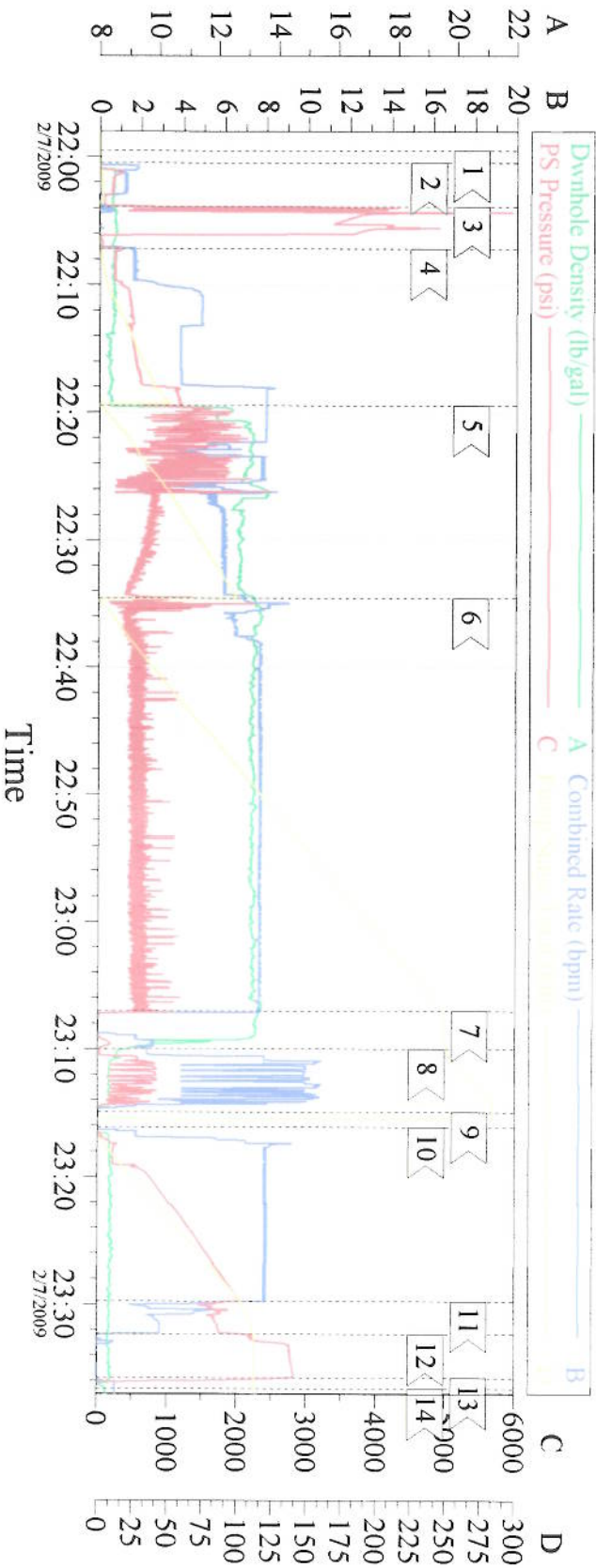
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/07/2009 10:30							4 1/2" production 7 7/8"hole 11.1ppg mud 7408td 7382tp 46shoe 1008 8 5/8"32# cs
Safety Huddle	02/07/2009 12:00							seatbelts no cell phones watch following distance and wildlife
Arrive At Loc	02/07/2009 15:00							
Assessment Of Location Safety Meeting	02/07/2009 15:15							walk threw rigup looking for haz little muddy and some ice
Rig-Up Equipment	02/07/2009 15:30							
Rig-Up Completed	02/07/2009 16:30							rig still cs at1500 50+ joints at 1630 rig tagged at 2030
Safety Meeting - Pre Job	02/07/2009 21:23							attn by rig crew pump crew comp rep
Start Job	02/07/2009 21:59		2	3			300.0	fill lines fresh water
Pressure Test	02/07/2009 22:03						5000.0	good test no leaks
Pump Spacer 1	02/07/2009 22:06		5	50			1119.0	50bls dyed and polyflake first 20 with dye and poly
Pump Lead Cement	02/07/2009 22:19		8	93			1000.0	325sks 12.8ppg 1.6yield 7.31h2o
Pump Tail Cement	02/07/2009 22:34		8	229			659.0	875sks 13.2ppg 1.47yield 6.32h2o
Shutdown	02/07/2009 23:07							
Clean Lines	02/07/2009 23:08							to pit
Drop Top Plug	02/07/2009 23:16							plug left container

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	02/07/2009 23:16		8	114			1997. 0	kcl water 1 bag per 10 bls slow last ten bls to 3 bls min
Bump Plug	02/07/2009 23:33						2760. 0	took 1000 over
Check Floats	02/07/2009 23:35						2839. 0	floats held 1.5bls to truck
End Job	02/07/2009 23:36							good circ during job
Safety Meeting - Pre Rig- Down	02/07/2009 23:45							
Safety Meeting - Departing Location	02/08/2009 02:25							thank you Robert Brost and crew

Chevron

4 1/2" production



Event Log

1	start job	21:59:33	2	fill lines	22:00:31	3	test lines	22:03:55
4	pump spcr	22:07:12	5	pump lead cmt	22:19:29	6	pump tail cmt	22:34:35
7	shut down	23:07:00	8	clean lines	23:10:00	9	drop plug	23:14:56
10	pump disp	23:16:06	11	slow rate	23:29:45	12	bump plug	23:32:22
13	check floats	23:35:45	14	end job	23:36:37			

Customer:	chevron	Job Date:	2/7/09	Ticket #:	6487047
Well Description:	production	CEMENTER	Robert Brost	ADC USED	YES
LEASE	SKR	WELL #	598-36-BV-13	CO REP	Johnathan