
CHEVRON - MID-CONTINENT EBIZ

**SKR 598-36-BV-11
SKINNER RIDGE
Garfield County , Colorado**

Cement Surface Casing
29-Dec-2008

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2695485	Quote #:	Sales Order #: 6408774
Customer: CHEVRON - MID-CONTINENT EBIZ	Customer Rep: DOHERTY, ED		
Well Name: SKR	Well #: 598-36-BV-11	API/UWI #: 05-045-16936	
Field: SKINNER RIDGE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.567 deg. OR N 39 deg. 33 min. 59.958 secs.	Long: W 108.347 deg. OR W -109 deg. 39 min. 12.204 secs.		
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	Srv Supervisor: LEIST, JAMES	MBU ID Emp #: 362787	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARPENTER, MARK Alan	7	442360	HAYES, JESSE Doug	7	403601	JAMISON, PRICE W	7	229155
LEIST, JAMES R	7	362787						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10055148	120 mile	10547378	120 mile	10616651C	120 mile	10719786	120 mile
10741109	120 mile	10973565	120 mile	6345	120 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12-29-08	8	1						
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	1445. ft	1445. ft				
							Wk Ht Above Floor			

Job Times

Called Out	Date	Time	Time Zone
On Location	28 - Dec - 2008	22:00	MST
Job Started	29 - Dec - 2008	05:00	MST
Job Completed	29 - Dec - 2008	11:31	MST
Departed Loc	29 - Dec - 2008	12:38	MST
	29 - Dec - 2008	14:00	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,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	8.625	1	
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	PolyFlake Dyed Spacer		50	bbl	.	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	230	sacks	12.3	2.38	13.75		
	2 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	2 %	ECONOLITE (100001580)							
	0.3 %	VERSASET, 55 LB SK (101376573)							
	5.64 lbm	SALT, 100 LB BAG (100003652)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	0.25 %	D-AIR 3000 (101007446)							
	13.75 Gal	FRESH WATER							
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	149	sacks	12.8	2.11	11.75		
	2 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	2 %	ECONOLITE (100001580)							
	0.3 %	VERSASET, 55 LB SK (101376573)							
	5.64 lbm	SALT, 100 LB BAG (100003652)							
	11.75 Gal	FRESH WATER							
4	Fresh Water Displacement		85.3	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	85.3	Shut In: Instant		Lost Returns	0	Cement Slurry	153.4	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	40	Actual Displacement	85.3	Treatment	
Frac Gradient		15 Min		Spacers	50	Load and Breakdown		Total Job	
Rates									
Circulating	6 RIG	Mixing	7	Displacement	8	Avg. Job	7.5		
Cement Left In Pipe	Amount	47.45 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					

2.50

The Road to Excellence Starts with Safety

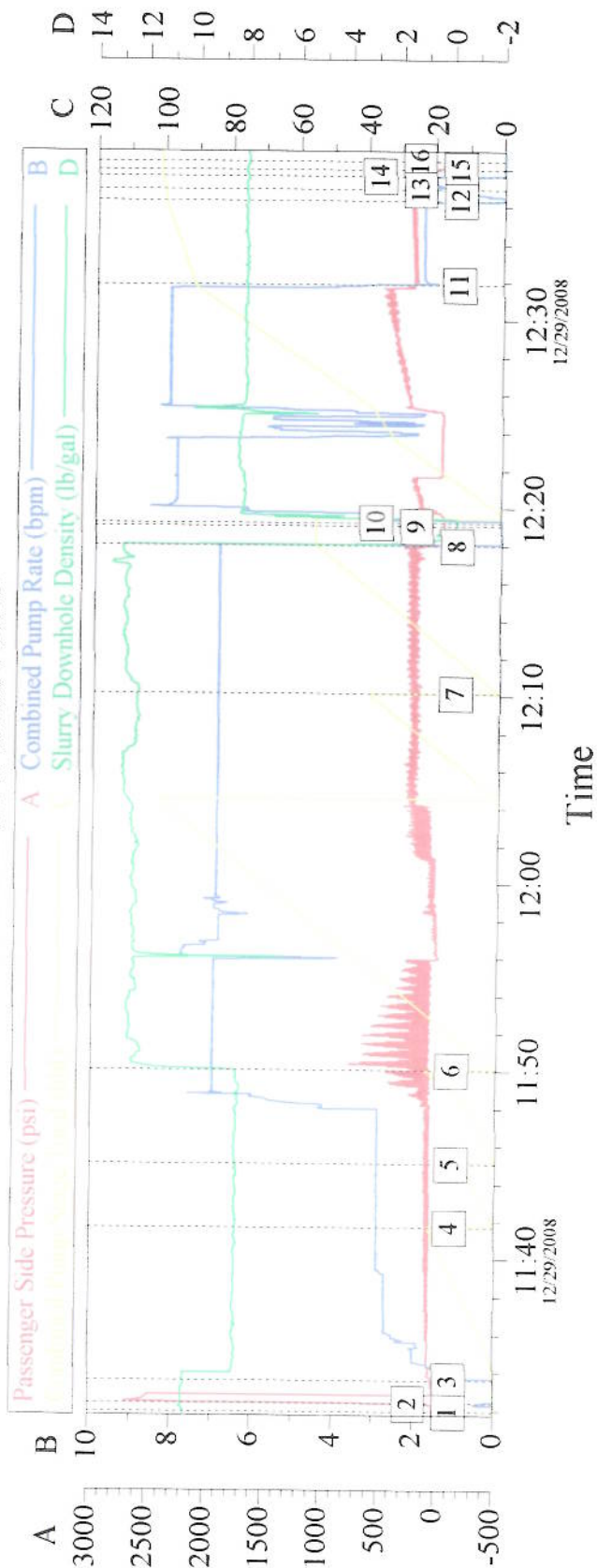
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Field: SKINNER RIDGE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
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Contractor: H&P 316			Rig/Platform Name/Num: H&P 316				
Job Purpose: Cement Surface 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	
Pump Spacer 1	12/29/2008 13:48		3		10		102.0	POLYFLAKE
Pump Spacer 1	12/29/2008 13:48		3		20		122.0	H2O
Call Out	12/29/2008 13:48							
Pre-Convoy Safety Meeting	12/29/2008 13:48							WITH ALL HES PERSONNEL
Crew Leave Yard	12/29/2008 13:48							
Arrive At Loc	12/29/2008 13:48							STILL RUNING CASING
Assessment Of Location Safety Meeting	12/29/2008 13:48							WITH ALL HES PERSONNEL
Pre-Rig Up Safety Meeting	12/29/2008 13:48							WITH ALL HES PERSONNEL
Rig-Up Completed	12/29/2008 13:48							
Pre-Job Safety Meeting	12/29/2008 13:48							WITH ALL ON LOCATION PERSONNEL
Start Job	12/29/2008 13:48							TP-1415, TD-1445, S.J.-47.45, HOLE-12 1/4 GOOD CIRULATION THROUGHOUT JOB
Pressure Test	12/29/2008 13:48						2000.0	
Pump Spacer 1	12/29/2008 13:48		3		20		123.0	H2O SPACER
Pump Lead Cement	12/29/2008 13:48		7		97.5		210.0	230 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK
Pump Tail Cement	12/29/2008 13:48		7		55.9		201.0	149 SKS, 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	12/29/2008 13:48							
Drop Top Plug	12/29/2008 13:48							AWAY
Pump Displacement	12/29/2008 13:48		8		85.3		367.0	H2O, HAD A PROBLEM WITH THE OPERATOR BUMPED A VALVE AND 30% FLOW FOR 3 MIN.
Slow Rate	12/29/2008 13:48		2		75		268.0	
Bump Plug	12/29/2008 13:49							PLUG NEVER BUMPED PUMPED ADD 1.5 BBLS PER COMPANY REP
Check Floats	12/29/2008 13:49							HOLDING
End Job	12/29/2008 13:49							
Pre-Rig Down Safety Meeting	12/29/2008 13:49							WITH ALL HES PERSONNEL
Rig-Down Completed	12/29/2008 13:49							
Pre-Convoy Safety Meeting	12/29/2008 13:49							WITH ALL HES PERSONNEL
Crew Leave Location	12/29/2008 13:49							
Comment	12/29/2008 13:49							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW

CHEVRON OFFLINE SURFACE



Event Log

1	START JOB	11:31:55	2	PRESSURE TEST	11:32:21	3	H2O SPACER	11:33:35
4	POLYFLAKE SPACER	11:41:42	5	H2O SPACER	11:45:06	6	PUMP LEAD CMT	11:50:04
7	PUMP TAIL CMT	12:10:08	8	SHUTDOWN	12:18:00	9	DROP TOP PLUG	12:19:02
10	PUMP DISPLACEMENT	12:19:12	11	SLOW RATE	12:31:52	12	SHUTDOWN	12:36:18
13	PUMP DISPLACEMENT	12:36:55	14	SHUTDOWN	12:37:37	15	CHECK FLOATS	12:37:58
16	END JOB	12:38:25						

Customer:	CHEVRON	Job Date:	12/29/08	Ticket #:	6408774
Well Desc:	SKR 598-36-BV-11	JOB TYPE:	OFF LINE SURFACE	ADC USED	YES
COMPANY REP:		SURVICE SUPERVISOR	JAMES LEIST	OPPERATOR	MARK CARPENDER ELITE4