
CHEVRON - MID-CONTINENT EBIZ

**SKR 698-04-AV-03
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 #: 2695747		Quote #:		Sales Order #: 6408747	
Customer: CHEVRON - MID-CONTINENT EBIZ				Customer Rep: KAVANDER, CHAD			
Well Name: SKR			Well #: 698-04-AV-03			API/UWI #: 05-045-17230	
Field: SKINNER RIDGE		City (SAP): DEBEQUE		County/Parish: Garfield		State: Colorado	
Lat: N 39.559 deg. OR N 39 deg. 33 min. 33.379 secs.				Long: W 108.339 deg. OR W -109 deg. 39 min. 41.382 secs.			
Contractor: H&P 318			Rig/Platform Name/Num: H&P318				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: DUNNING, DUSTIN			Srv Supervisor: ANDREWS, ANTHONY			MBU ID Emp #: 321604	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ANDERSON, ADAM S		456683	ANDREWS, ANTHONY Michael		321604	BORSZICH, STEPHEN A		412388
KUKUS, CRAIG A		369124						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10296148C	120 mile	10297346	120 mile	10829467	120 mile	10969711	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	8.5	4						

TOTAL Total is the sum of each column separately

Job

Formation Name	Top	Bottom	Job Times	Date	Time	Time Zone
Formation Depth (MD)			Called Out	29 - Dec - 2008	02:00	MST
Form Type		BHST	On Location	29 - Dec - 2008	08:00	MST
Job depth MD	1003. ft	Job Depth TVD	Job Started	29 - Dec - 2008	14:33	MST
Water Depth		Wk Ht Above Floor	Job Completed	29 - Dec - 2008	15:12	MST
Perforation Depth (MD)	From	To	Departed Loc	29 - Dec - 2008	16:45	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			
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)	155	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)	160	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		60.8	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	60.8	Shut In: Instant		Lost Returns	N	Cement Slurry	125.8	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	60.8	Treatment	
Frac Gradient		15 Min		Spacers	50	Load and Breakdown		Total Job	236.6
Rates									
Circulating	RIG	Mixing	8	Displacement	8-3	Avg. Job	8		
Cement Left In Pipe	Amount	47 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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Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well		Job Type: Cement Surface Casing					
Sales Person: DUNNING, DUSTIN		Srvc Supervisor: ANDREWS, ANTHONY			MBU ID Emp #: 321604		

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/29/2008 02:00							
Pre-Convoy Safety Meeting	12/29/2008 02:45							
Depart from Service Center or Other Site	12/29/2008 03:00							
Arrive At Loc	12/29/2008 08:00							
Assessment Of Location Safety Meeting	12/29/2008 08:15							
Other	12/29/2008 08:30							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	12/29/2008 13:15							
Rig-Up Equipment	12/29/2008 13:30							
Pre-Job Safety Meeting	12/29/2008 14:00							
Start Job	12/29/2008 14:33							TD: 1016 TP: 1003 SJ: 47' MW: 9.2 PPG
Test Lines	12/29/2008 14:34							1500 PSI TEST
Pump Spacer	12/29/2008 14:35		4	30			60.0	FRESH H2O
Pump Spacer	12/29/2008 14:42		8	20			252.0	DYED SPACER WITH POLYFLAKE
Pump Lead Cement	12/29/2008 14:45		8	65.7			356.0	155 SKS @ 12.3 PPG 2.38YLD
Pump Tail Cement	12/29/2008 14:53		8	60.1			258.0	160 SKS @ 12.8PPG 2.11YLD
Shutdown	12/29/2008 15:01							
Drop Plug	12/29/2008 15:02							

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	12/29/2008 15:02		8		60.8		152.0	
Slow Rate	12/29/2008 15:09		3	50			228.0	
Bump Plug	12/29/2008 15:11		3	60.8			719.0	
Check Floats	12/29/2008 15:12							
End Job	12/29/2008 15:12							GOOD CIRCULATION THROUGHOUT JOB. PIPE WAS LEFT STATIC/ HELD DOWN BY TOP DRIVE. PLUG BUMPED AT CALCULATED DISPLACEMENT. CIRCULATED 30 BBLS CEMENT TO SURFACE.
Post-Job Safety Meeting (Pre Rig-Down)	12/29/2008 15:15							4 ADD HOURS CHARGED.
Rig-Down Equipment	12/29/2008 15:30							
Pre-Convoy Safety Meeting	12/29/2008 16:30							
Crew Leave Location	12/29/2008 16:45							THANK YOU FOR CHOOSING HALLIBURTON CEMENTING OF GRAND JUNCTION, COLORADO ANTHONY ANDREWS AND CREW

Event Log		
Intersection	PP	Intersection
1 START JOB	14:33:34 5,000	2 TEST LINES
4 PUMP DYED SPACER	14:42:22 252.5	5 PUMP LEAD CEMENT
7 SHUTDOWN	15:01:47 19.88	8 DROP PLUG
10 SLOW RATE	15:09:13 228.4	11 BUMP PLUG
13 END JOB	15:12:58 -4,000	

Customer: CHEVRON
Lease: SKR
Well #: 698-04-AV-03

Job Date: 12/29/08
Supervisor: ANTHONY ANDREWS
Pump Truck: 10296148

Ticket #: 6408747
ADC Used?: YES
Company Rep: CHAD KAVENDER

CemWin v1.7.2
29-Dec-08 15:33