
CHEVRON - MID-CONTINENT EBIZ

SKR 698-04-AV-11
SKINNER RIDGE
Garfield County , Colorado

Cement Surface Casing
01-Jan-2009

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2695766	Quote #:	Sales Order #: 6417202
Customer: CHEVRON - MID-CONTINENT EBIZ		Customer Rep:	
Well Name: SKR	Well #: 698-04-AV-11	API/UWI #: 05-045-17228	
Field: SKINNER RIDGE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.559 deg. OR N 39 deg. 33 min. 33.217 secs.		Long: W 108.338 deg. OR W -109 deg. 39 min. 41.702 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: KOHL, KYLE		Srvc Supervisor: DEROSA, JAY	MBU ID Emp #: 338788

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BETZ, KEITH A		442854	BETZ, KLAYTON Alan		446140	DEROSA, JAY M		338788
RAYA, MIKE T		373406						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10616651C	120 mile	10829466	120 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1-1-09	4	1.5						
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	31 - Dec - 2008	22:30	MST
Form Type	BHST		Job Started	01 - Jan - 2009	03:00	MST
Job depth MD	1320. ft	Job Depth TVD	Job Started	01 - Jan - 2009	06:07	MST
Water Depth		Wk Ht Above Floor	Job Completed	01 - Jan - 2009	07:27	MST
Perforation Depth (MD)	From	To	Departed Loc	01 - Jan - 2009	10:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/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, HW/E, 7.20 MIN/8.09 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	8 5/8	1	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	8 5/8	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	DYE SPACER WITH POLYFLAKE		50	bbl	8.33	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	235	sacks	12.3	2.38	13.75		13.75
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160	sacks	12.8	2.11	11.75		11.75
4	H2O DISPLACEMENT		77.7	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	77.7	Shut In: Instant		Lost Returns	no	Cement Slurry	159.7	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	37bbbls	Actual Displacement	77.7	Treatment	
Frac Gradient		15 Min		Spacers	50bbbls	Load and Breakdown		Total Job	
Rates									
Circulating	Rig	Mixing		7	Displacement	10	Avg. Job		
Cement Left In Pipe	Amount	41.5 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					

The Road to Excellence Starts with Safety

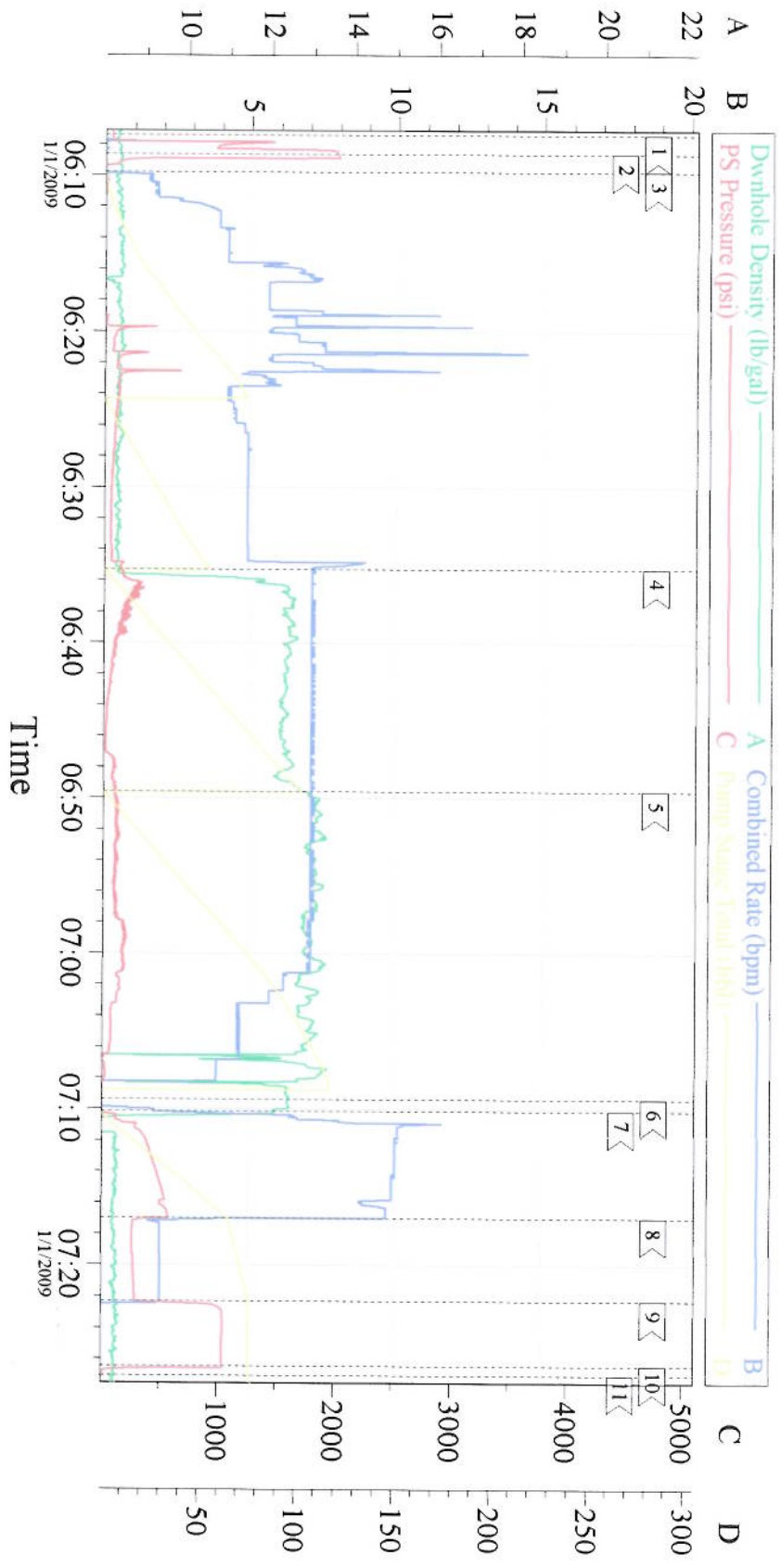
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Contractor: H&P 318		Rig/Platform Name/Num: H&P 318	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: KOHL, KYLE		Srvc Supervisor: DEROSA, JAY	MBU ID Emp #: 338788

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/31/2008 22:30							
Pre-Convoy Safety Meeting	01/01/2009 01:00							
Arrive At Loc	01/01/2009 03:00							
Pre-Rig Up Safety Meeting	01/01/2009 03:30							
Rig-Up Equipment	01/01/2009 03:30							
Wait on Customer or Customer Sub-Contractor Equip	01/01/2009 04:30							Rig running remainder of casing
Wait on Customer or Customer Sub-Contractor Equipm	01/01/2009 05:30							
Pre-Job Safety Meeting	01/01/2009 05:30							
Start Job	01/01/2009 06:07	1						
Test Lines	01/01/2009 06:08	2					1900.0	
Pump Spacer	01/01/2009 06:09	3	2	50			3.0	H2O Spacer with Poly-E-Flake and green dye. 50 bbls spacer per Co Rep. request.
Pump Lead Cement	01/01/2009 06:35	4	7	99.6			212.0	235 sks @ 12.3 ppg 2.38 ft3/sk 13.75 gal/sk
Pump Tail Cement	01/01/2009 06:49	5	7	60.13			105.0	160 sks @ 12.8 ppg 2.11 ft3/sk 11.75 gal/sk
Drop Top Plug	01/01/2009 07:09	6						
Pump Displacement	01/01/2009 07:10	7	10				302.0	Fresh water
Slow Rate	01/01/2009 07:17	8	2	65			270.0	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	01/01/2009 07:22	9	2	77.7			1002.0	Plug down
Check Floats	01/01/2009 07:26	10						Floats held. Good returns throughout entire job. Pipe was not reciprocated during job. 37 bbls cement to surface.
End Job	01/01/2009 07:27	11						Thanks for using Halliburton, Jay DeRosa and crew.
Post-Job Safety Meeting (Pre Rig-Down)	01/01/2009 07:45							
Rig-Down Equipment	01/01/2009 08:00							
Pre-Convoy Safety Meeting	01/01/2009 10:00							
Depart Location for Service Center or Other Site	01/01/2009 10:00							

Signature _____

8 5/8 SURFACE



Event Log

1	Start Job	06:07:27	2	Test Lines	06:08:40	3	Pump H2O Spacer	06:09:49
4	Pump Lead Cement	06:35:17	5	Pump Tail Cement	06:49:34	6	Drop Top Plug	07:09:24
7	Pump Displacement	07:10:08	8	Slow Rate	07:17:00	9	Bump Plug	07:22:18
10	Check Floats	07:26:28	11	End Job	07:27:02			

Customer:	Chevron	Job Date:	1-1-09	Ticket #:	6417202
Well Description:	8 5/8 Surface	CEMENTER:	Jay DeRosa	ADC USED:	YES
LEASE:	SKR Well # 698-04-AV-11	Truck Elite 4 Oper- Klayton Betz		CO REP:	Kyle