
CHEVRON - MID-CONTINENT EBIZ

SKR 598-36-BV-06
PICEANCE
Garfield County , Colorado

Cement Surface Casing
01-Mar-2009

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2695480	Quote #:	Sales Order #: 6537244
Customer: CHEVRON - MID-CONTINENT EBIZ	Customer Rep: MOELLER, RONNIE		
Well Name: SKR	Well #: 598-36-BV-06	API/UWI #: 05-045-16945	
Field: PICEANCE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.567 deg. OR N 39 deg. 34 min. 0.199 secs.	Long: W 108.347 deg. OR W -109 deg. 39 min. 12.218 secs.		
Contractor: H&P 316	Rig/Platform Name/Num: H&P316		
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 #
ANDREWS, ANTHONY Michael		321604	ANGLESTEIN, TROY Edward WM		436099	GREGORY, JON D		439067
HAAS, MICHAEL C		455469	HOEFER, FREEMAN Dennis		369666	MCCOMBS, MARK I		442689
VIGIL, JOSHUA Quentin		447606						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3/1/09	6	4						
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	1044. ft	1044. ft	5. ft				01 - Mar - 2009	11:00	MST	
											01 - Mar - 2009	18:00	MST	
											01 - Mar - 2009	21:07	MST	
											01 - Mar - 2009	21:50	MST	
											02 - Mar - 2009	00:00	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
Open Hole				12.25					1050.		1050.
Surface Casing	Unknown		8.625	8.097	24.				1050.		1050.

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PLUG,CMTG,TOP,8 5/8,HVE,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	DYE SPACER		30	bbl	.	.0	.0	.0			
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	130	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)	134	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	DISPLACEMENT		62.3	bbl	.	.0	.0	.0			
Calculated Values			Pressures			Volumes					
Displacement	62.3	Shut In: Instant		Lost Returns	N	Cement Slurry	105.5	Pad			
Top Of Cement	SURFACE	5 Min		Cement Returns	10	Actual Displacement	62.3	Treatment			
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	197.8		
Rates											
Circulating	RIG	Mixing	7	Displacement	7-2	Avg. Job	7				
Cement Left In Pipe	Amount	44 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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Legal Description:							
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Contractor: H&P 316			Rig/Platform Name/Num: H&P316				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: DUNNING, DUSTIN			Srv 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	03/01/2009 11:00							
Pre-Convoy Safety Meeting	03/01/2009 11:45							
Pre-Convoy Safety Meeting	03/01/2009 12:15							
Crew Leave Yard	03/01/2009 12:30							
Arrive At Loc	03/01/2009 18:00							
Assessment Of Location Safety Meeting	03/01/2009 18:05							
Other	03/01/2009 18:10							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	03/01/2009 18:20							
Rig-Up Equipment	03/01/2009 18:30							
Pre-Job Safety Meeting	03/01/2009 20:30							
Start Job	03/01/2009 21:07							TD: 1044 TP: 1024 SJ: 44 MW: 8.9PPG
Test Lines	03/01/2009 21:08							2000 PSI TEST
Pump Spacer	03/01/2009 21:10		4	30			103.0	WITH DYE AND POLY FLAKE (CUSTOMER SUPPLIED DYE)
Pump Lead Cement	03/01/2009 21:20		7	55.1			154.0	130 SKS @ 12.3 PPG 2.38 YLD
Pump Tail Cement	03/01/2009 21:28		7	50.4			287.0	134 SKS @ 12.8PPG 2.11YLD
Shutdown	03/01/2009 21:35							
Drop Plug	03/01/2009 21:36							

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	03/01/2009 21:37		7		62.3		278.0	
Slow Rate	03/01/2009 21:43		2	50			248.0	
Bump Plug	03/01/2009 21:48		2	62.3			1240.0	
Check Floats	03/01/2009 21:49							
End Job	03/01/2009 21:50							GOOD CIRCULATION THROUGHOUT JOB. PIPE WAS LEFT STATIC THROUGHOUT JOB. PIPE WAS HELD DOWN BY TOP DRIVE. CIRCULATED 10 BBLS CEMENT TO PIT.
Post-Job Safety Meeting (Pre Rig-Down)	03/01/2009 22:00							NO ADD HOURS CHARGED.
Rig-Down Equipment	03/01/2009 22:30							
Crew Leave Location	03/02/2009 00:00							THANK YOU FOR CHOOSING HALLIBURTON CEMENTING OF GRAND JUNCTION, COLORADO ANTHONY ANDREWS AND CREW

8 5/8" SURFACE



Event Log											
Intersection				Intersection				Intersection			
		pp				pp				pp	
1	START JOB	21:07:35	26.00	2	TEST LINES	21:08:21	1971	3	PUMP SPACER	21:10:03	103.4
4	PUMP LEAD CEMENT	21:20:04	154.0	5	PUMP TAIL CEMENT	21:28:29	287.9	6	SHUTDOWN	21:35:22	34.94
7	DROP PLUG	21:36:35	26.00	8	PUMP DISPLACEMENT	21:37:19	278.2	9	SLOW RATE	21:43:43	248.0
10	BUMP PLUG	21:48:39	1240	11	CHECK FLOATS	21:49:25	125.1	12	END JOB	21:50:02	28.00

Customer: CHEVRON		Job Date: 3/1/09		Ticket #: 6537244	
Lease: SKR		Supervisor: ANTHONY ANDREWS		ADC Used?: YES	
Well #: 598-36-BV-06		Pump Truck: 10871245		Company Rep: RONNIE MOELLER	