
OXY GRAND JUNCTION EBUSINESS

**CC 697-08-06B
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
24-Mar-2011**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344034		Ship To #: 2844457		Quote #:		Sales Order #: 7838983	
Customer: OXY GRAND JUNCTION EBUSINESS				Customer Rep: Combs, Henry			
Well Name: CC			Well #: 697-08-06B			API/UWI #: 05-045-18148	
Field: GRAND VALLEY		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Lat: N 39.542 deg. OR N 39 deg. 32 min. 31.049 secs.				Long: W 108.238 deg. OR W -109 deg. 45 min. 42.52 secs.			
Contractor: H&P Drilling			Rig/Platform Name/Num: H&P 353				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: DUNNING, DUSTIN			Srvc Supervisor: SMITH, CHRISTOPHER			MBU ID Emp #: 452619	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BATH, KYLE Thomas		477632	BLANCHETTE, JAMES George		371360	SALAZAR, PAUL Omar		445614
SILVERTHORN, AARON Jacob		491305	SMITH, CHRISTOPHER Scott		452619			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10533645	120 mile	10951251	120 mile	11139328	120 mile	11164589	120 mile
11560046	120 mile	11562538	120 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL	Total is the sum of each column separately							
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Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	23 - Mar - 2011	02:00	MST
Form Type	BHST		Job Started	23 - Mar - 2011	08:30	MST
Job depth MD	2710. ft	Job Depth TVD	Job Started	23 - Mar - 2011	17:27	MST
Water Depth		Wk Ht Above Floor	Job Completed	24 - Mar - 2011	20:59	MST
Perforation Depth (MD)	From	To	Departed Loc	24 - Mar - 2011	23:30	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
14 3/4" Open Hole				14.75				.	2710.		
9 5/8" Surface Casing	New		9.625	8.921	36.		J-55	.	2659.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
ADC (AUTO DENSITY CTRL) SYS, /JOB,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			
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		20.00	bbl	8.33	.0	.0	.0	
2	Gel Spacer		20.00	bbl	.	.0	.0	.0	
1000 gal/Mgal		FRESH WATER							
0.25 gal/bbl		LGC-36 UC, BULK (101582749)							
3	Water Spacer		20.00	bbl	.	.0	.0	.0	
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)	818.0	sacks	12.3	2.33	12.62		12.62
12.62 Gal		FRESH WATER							
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)	165.0	sacks	12.8	2.07	10.67		10.67
10.67 Gal		FRESH WATER							
6	Displacement		202.00	bbl	.	.0	.0	.0	
7	Topout Cement	HALCEM (TM) SYSTEM (452986)		sacks	12.5	1.97	10.96		10.96
10.96 Gal		FRESH WATER							

Calculated Values		Pressures		Volumes			
Displacement		Shut In: Instant		Lost Returns		Cement Slurry	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	
Frac Gradient		15 Min		Spacers		Load and Breakdown	

Rates							
Circulating		Mixing		Displacement		Avg. Job	
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint			
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID

The Information Stated Herein Is Correct	Customer Representative Signature
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HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

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Field: GRAND VALLEY		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
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Contractor: H&P Drilling			Rig/Platform Name/Num: H&P 353				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: DUNNING, DUSTIN			Srv Supervisor: SMITH, CHRISTOPHER			MBU ID Emp #: 452619	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	03/23/2011 04:30							ALL HES PERSONEL
Crew Leave Yard	03/23/2011 04:45							
Arrive At Loc	03/23/2011 08:30							RIG RUNNING CASEING.
Assessment Of Location Safety Meeting	03/23/2011 08:45							ALL HES PERSONEL
Rig-Up Equipment	03/23/2011 16:30							
Pre-Job Safety Meeting	03/23/2011 17:15							ALL HES PERSONEL AND RIG CREW
Start Job	03/23/2011 17:27							TD 2710', TP 2659', SJ 46.32', OH 14.75", CSG 9.625" 36# J-55 , MUD 9.3PPG, YP- 16, PV- 16, TEMP- 78 DEG.
Other	03/23/2011 17:28		0.5	0.5			29.0	FILL LINES
Pressure Test	03/23/2011 17:30		0.5	0.5				ALL LINES HELD PRESSURE @ 3400 PSI
Pump Spacer 1	03/23/2011 17:38		6	20			70.0	FRESH WATER
Pump Spacer 2	03/23/2011 17:43		3	150			150.0	LGC SPACER
Pump Spacer 1	03/23/2011 17:49		3	150			150.0	FRESH WATER
Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

HALLIBURTON

Cementing Job Log

Pump Lead Cement	03/23/2011 17:57		8	339.4			275.0	818 SKS, 12.3 PPG, 2.33 FT3/SK, 12.62 GAL/SK, SET UP TIME 4:45 @ 70 BC. CUT OUT 107 SKS PER COMP REP. COMP REP REQUESTED 70 BBLs OF CEMENT CALCULATED INSTEAD OF 114 BBLs CALCULATED TO SURFACE.
Pump Tail Cement	03/23/2011 18:46		8	60.8			208.0	165 SKS, 12.8 PPG, 2.07 FT3/ SK, 11.10.67 GAL/SK, SET UP TIME 4:28 @ 70 BC
Shutdown	03/23/2011 18:57							
Drop Top Plug	03/23/2011 18:58							
Pump Displacement	03/23/2011 18:59		6	192			640.0	FRESH WATER
Slow Rate	03/23/2011 19:41		2	10			610.0	
Bump Plug	03/23/2011 19:46						1050. 0	PLUG BUMPED
Check Floats	03/23/2011 19:52							FLOATS HELD
Other	03/23/2011 20:11		1.5	10			239.0	PUMP DOWN PARASITE WITH SUGAR WATER
Other	03/23/2011 20:29		0.5	0.5			1500. 0	PRESSURE TEST CASEING
End Job	03/23/2011 20:59							GOOD CIRCULATION AFTER 275 BBL OF LEAD CEMENT PUMPED, CUT BACK LEAD CEMENT TO 338 BBLs, 136 BBLs OF CEMENT TO SURFACE, PIPE WAS NOT MOVED DURING THE JOB.
Post-Job Safety Meeting (Pre Rig-Down)	03/23/2011 21:10							ALL HES PERSONEL
Rig-Down Completed	03/23/2011 23:00							
Depart Location Safety Meeting	03/23/2011 23:15							ALL HES PERSONEL
Crew Leave Location	03/23/2011 23:30							
Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments

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Ship To # : 2844457

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SUMMIT Version: 7.20.130

Wednesday, March 23, 2011 10:45:00

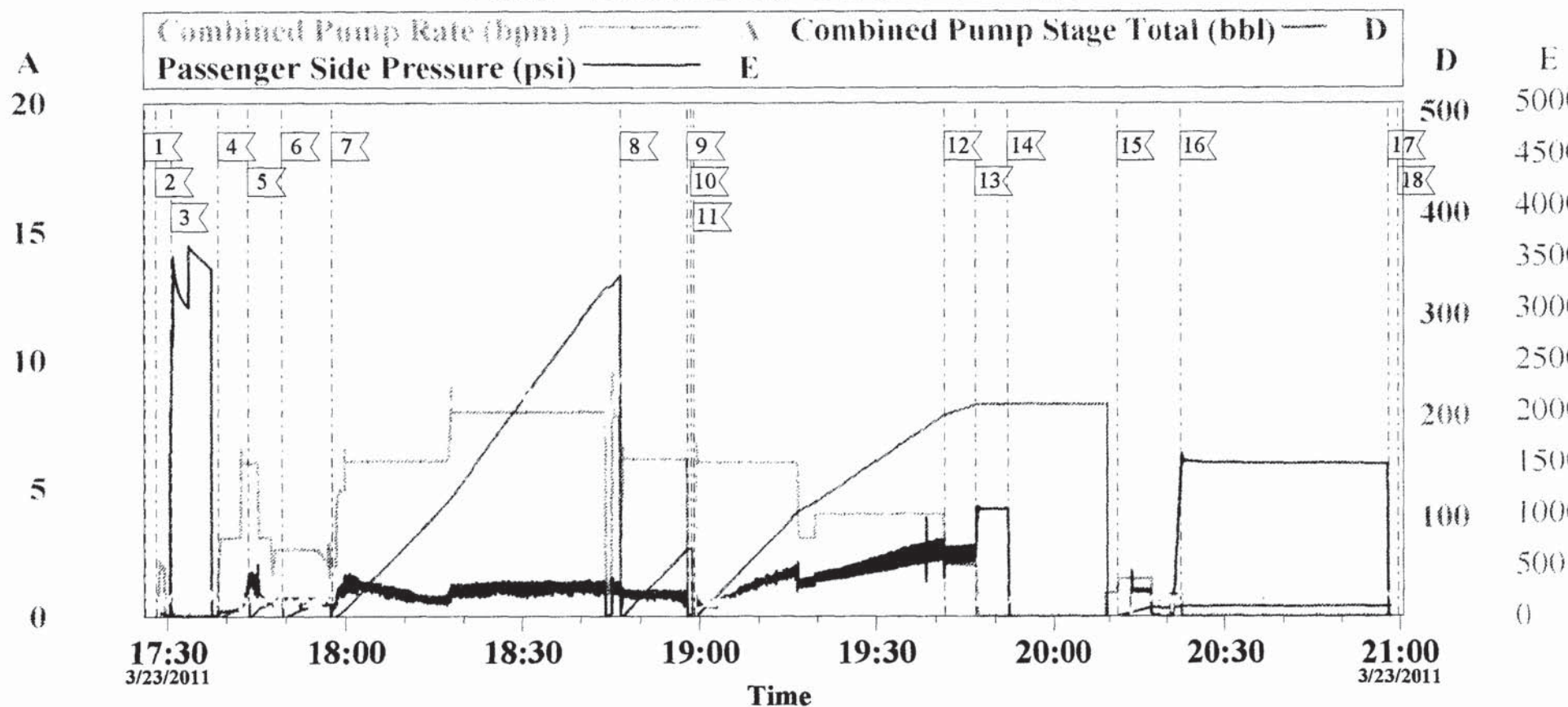
HALLIBURTON

Cementing Job Log

		#		Stage	Total	Tubing	Casing	
Other	03/23/2011 23:30							THANK YOU FOR CHOOSING HALLIBURTON, CHRIS SMITH AND CREW

OXY

9.625" SURFACE/ CC 697-08- 06B



Local Event Log

1 START JOB	17:26:12	2 FILL LINES	17:28:06	3 TEST LINES	17:30:39
4 PUMP H2O SPACER	17:38:40	5 PUMP LGC SPACER	17:43:45	6 PUMP H2O SPACER	17:49:23
7 PUMP LEAD CEMENT	17:57:48	8 PUMP TAIL CEMENT	18:46:39	9 SHUT DOWN	18:57:59
10 DROP PLUG	18:58:34	11 PUMP H2O DISPLACEMENT	18:59:01	12 SLOW RATE	19:41:32
13 BUMP PLUG	19:46:48	14 CHECK FLOATS	19:52:17	15 PUMP DOWN PARASITE	20:11:25
16 CASEING PRESSURE TEST	20:22:21	17 SHUT DOWN	20:58:07	18 END JOB	20:59:41

Customer: Halliburton
 Well Description: RTD
 Customer Rep: HENRY COMBS

Job Date: 23-Mar-2011
 Job type: SURFACE
 Service Supervisor: C. SMITH

Sales Order #: 17:28:00
 ADC Used: YES
 Operator/ Pump: K. BATH/ E5

OptiCem v6.4.9
 23-Mar-11 21:5