
OXY GRAND JUNCTION EBUSINESS

**CC 697-09-19B
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
16-Apr-2011**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344034		Ship To #: 2825567		Quote #:		Sales Order #: 8108311	
Customer: OXY GRAND JUNCTION EBUSINESS				Customer Rep: Benevides, Victor			
Well Name: CC			Well #: 697-09-19B			API/UWI #: 05-045-20084	
Field: GRAND VALLEY		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Lat: N 39.535 deg. OR N 39 deg. 32 min. 6.562 secs.				Long: W 108.222 deg. OR W -109 deg. 46 min. 39.601 secs.			
Contractor: H&P 330			Rig/Platform Name/Num: H&P 330				
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	HAYES, JESSE Doug		403601	JENSEN, SHANE Lynn		441759
KEANE, JOHN Donovan		486519	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
10616651C	60 mile	10867304	60 mile	10995025	60 mile	10998054	60 mile
11259881	60 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

Job

Formation Name					Job Times			
Formation Depth (MD)	Top	Bottom			Called Out	Date	Time	Time Zone
Form Type		BHST			On Location	16 - Apr - 2011	05:30	MST
Job depth MD	2727. ft	Job Depth TVD	2727. ft		Job Started	16 - Apr - 2011	13:30	MST
Water Depth		Wk Ht Above Floor	4. ft		Job Completed	16 - Apr - 2011	19:29	MST
Perforation Depth (MD)	From	To			Departed Loc	17 - Apr - 2011	23:01	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
14.75" OPEN HOLE				14.75				.	2727.		
9.625 SURFACE	Unknown		9.625	8.921	36.		N-80	.	2707.		

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	%
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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	Water Spacer				20.00	bbl	8.33	.0	.0	.0			
2	Gel Spacer				20.00	bbl	.	.0	.0	.0			
3	Water Spacer				20.00	bbl	.	.0	.0	.0			
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)			795.0	sacks	12.3	2.33	12.62		12.62		
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)			169.0	sacks	12.8	2.07	10.67		10.67		
10.67 Gal		FRESH WATER											
6	Displacement				205.00	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		Pad				
Top Of Cement		5 Min			Cement Returns		Actual Displacement		Treatment				
Frac Gradient		15 Min			Spacers		Load and Breakdown		Total Job				
Rates													
Circulating		Mixing		Displacement		Avg. Job							
Cement Left In Pipe		Amount	54.8 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

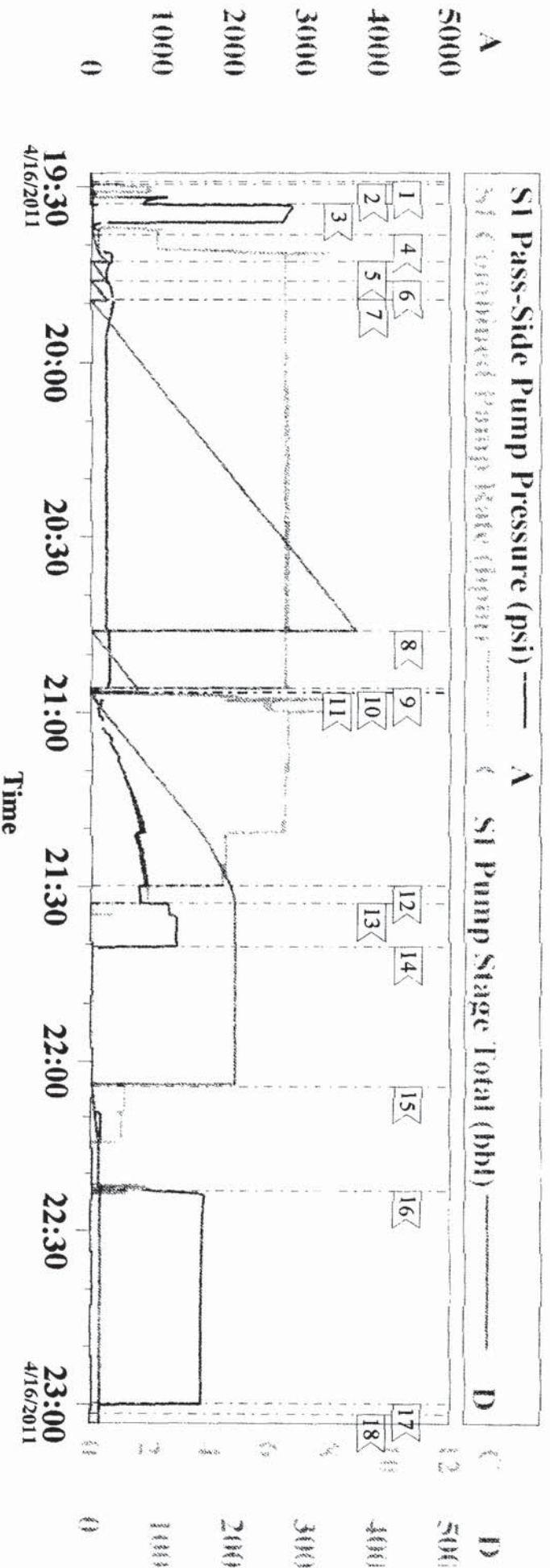
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Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: DUNNING, DUSTIN			Srvc Supervisor: SMITH, CHRISTOPHER			MBU ID Emp #: 452619	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	04/16/2011 05:30							ALL HES PERSONEL
Crew Leave Yard	04/16/2011 08:00							
Arrive At Loc	04/16/2011 13:30							RIG RUNNING CASEING.
Assessment Of Location Safety Meeting	04/16/2011 13:45							ALL HES PERSONEL
Rig-Up Equipment	04/16/2011 18:45							
Pre-Job Safety Meeting	04/16/2011 19:10							ALL HES PERSONEL AND RIG CREW
Start Job	04/16/2011 19:29							TD 2727', TP 2707', SJ 54.77', OH 14.75", CSG 9.625" 36# J-55 , MUD 9.3PPG, YP- 19, PV- 18, TEMP- 73 DEG.
Other	04/16/2011 19:29		2	2			112.0	FILL LINES
Pressure Test	04/16/2011 19:32		0.5	0.5				ALL LINES HELD PRESSURE @ 2700 PSI
Pump Spacer 1	04/16/2011 19:38		6.5	20			260.0	FRESH WATER
Pump Spacer 2	04/16/2011 19:42		6.5	20			204.0	LGC SPACER
Pump Spacer 1	04/16/2011 19:46		6.5	20			263.0	FRESH WATER
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Lead Cement	04/16/2011 19:49		6.5	329.9			230.0	795 SKS, 12.3 PPG, 2.33 FT3/SK, 12.62 GAL/SK, SET UP TIME 4:45 @ 70 BC. CUT OUT 255 SKS OF LEAD PER COMP REP. ONLY 75 LB OF TUF FIBER WERE USED.
Pump Tail Cement	04/16/2011 20:46		6.5	62.3			250.0	169 SKS, 12.8 PPG, 2.07 FT3/ SK, 11.10.67 GAL/SK, SET UP TIME 4:28 @ 70 BC
Shutdown	04/16/2011 20:55							
Pump Displacement	04/16/2011 20:56		6.5	195			760.0	FRESH WATER
Drop Top Plug	04/16/2011 20:56							COMP REP VERIFIED PLUG WENT
Slow Rate	04/16/2011 21:29		2	10			670.0	
Bump Plug	04/16/2011 21:32						1170. 0	PLUG BUMPED
Check Floats	04/16/2011 21:40							FLOATS HELD
Other	04/16/2011 22:04		1	12			132.0	PUMP DOWN PARASITE WITH SUGAR WATER
Other	04/16/2011 22:23		0.5	0.5			1500. 0	PRESSURE TEST CASEING
End Job	04/16/2011 23:01							GOOD CIRCULATION THROUGHOUT JOB, 85 BBLs OF CMT TO SURFACE, PIPE WAS NOT MOVED DURING JOB.
Post-Job Safety Meeting (Pre Rig-Down)	04/16/2011 23:15							ALL HES PERSONEL
Rig-Down Completed	04/17/2011 00:45							
Depart Location Safety Meeting	04/17/2011 00:55							ALL HES PERSONEL
Crew Leave Location	04/17/2011 01:00							
Other	04/17/2011 01:00							THANK YOU FOR CHOOSING HALLIBURTON, CHRIS SMITH AND CREW

OXY

9.625" SURFACE/CC 697-09-19 B



Local Event Log

Maximum	SPPP	Maximum	SPPP
1 < START JOB	19:29:07 -1 000	2 < FILL LINES	19:29:37 1068
3 < TEST LINES	19:32:53 2810	4 < PUMP H2O SPACER	19:38:17 2870
5 < PUMP LGC SPACER	19:42:51 2870	6 < PUMP H2O SPACER	19:46:12 2970
7 < PUMP LEAD	19:49:24 3230	8 < PUMP TAIL	20:46:02 2570
9 < SHUTDOWN	20:55:48 1700	10 < DROP PLUG	20:56:25 2800
11 < PUMP H2O DISPLACEMENT	20:56:37 7850	12 < SLOW RATE	21:29:52 8304
13 < BUMP PLUG	21:32:56 1196	14 < CHECK FLOATS	21:40:19 1072
15 < PUMP SUGAR H2O	22:04:37 9161	16 < PRESSURE TEST CASING	22:23:00 1574
17 < RELEASE PRESSURE	22:59:45 1533	18 < END JOB	23:01:37 2147

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Well Description: CC 697-09-19B
Customer Rep: V. BENEVIDES

Job Date: 16-Apr-2011
Job type: 05-045-20084
Service Supervisor: C. SMITH

Sales Order #: 8108311
ADC Used: YES
Operator/ Pump: J. HAYES/E4