
OXY GRAND JUNCTION EBUSINESS

**CC 697-09-17B
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
06-Mar-2011**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2841175	Quote #:	Sales Order #: 7840278
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: COOMBS, HENRY	
Well Name: CC		Well #: 697-09-17B	API/UWI #: 05-045-18150
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.542 deg. OR N 39 deg. 32 min. 30.872 secs.		Long: W 108.238 deg. OR W -109 deg. 45 min. 42.512 secs.	
Contractor: H&P 353		Rig/Platform Name/Num: H&P353	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srvc 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	BRENNECKE, ANDREW Bailey		486345	CUNNINGHAM, TANNER Wade		445660
LYNGSTAD, FREDRICK D		403742	MAIN, CHAD R		335770	RAMSEY, STANTON Michael		477609
SANCHEZ, ERIC David		487084						

Equipment

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
3/5/11	12	5	3/6/11	5	3			
TOTAL	<i>Total is the sum of each column separately</i>							

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					05 - Mar - 2011	03:30	MST
Form Type			BHST	On Location	05 - Mar - 2011	11:30	MST
Job depth MD	2725. ft		Job Depth TVD	2725. ft	Job Started	05 - Mar - 2011	22:03
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	06 - Mar - 2011	02:07
Perforation Depth (MD)	<i>From</i>		<i>To</i>		Departed Loc	06 - Mar - 2011	04:00

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

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	Conc	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 WATER SPACER		20.00	Bbl	8.4	.0	.0	.0	
	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)	1048.0	Sacks	12.3	2.33	12.62		12.62
	12.62 Gal	FRESH WATER							
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)	156.0	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)	0	Sacks	12.5	1.97	10.96		10.96
	10.96 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	205	Shut In: Instant		Lost Returns	N	Cement Slurry	492.6	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	100	Actual Displacement	205	Treatment	
Frac Gradient		15 Min		Spacers	60	Load and Breakdown		Total Job	757.6
Rates									
Circulating	RIG	Mixing	6	Displacement	6-2	Avg. Job	6		
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					

The Road to Excellence Starts with Safety

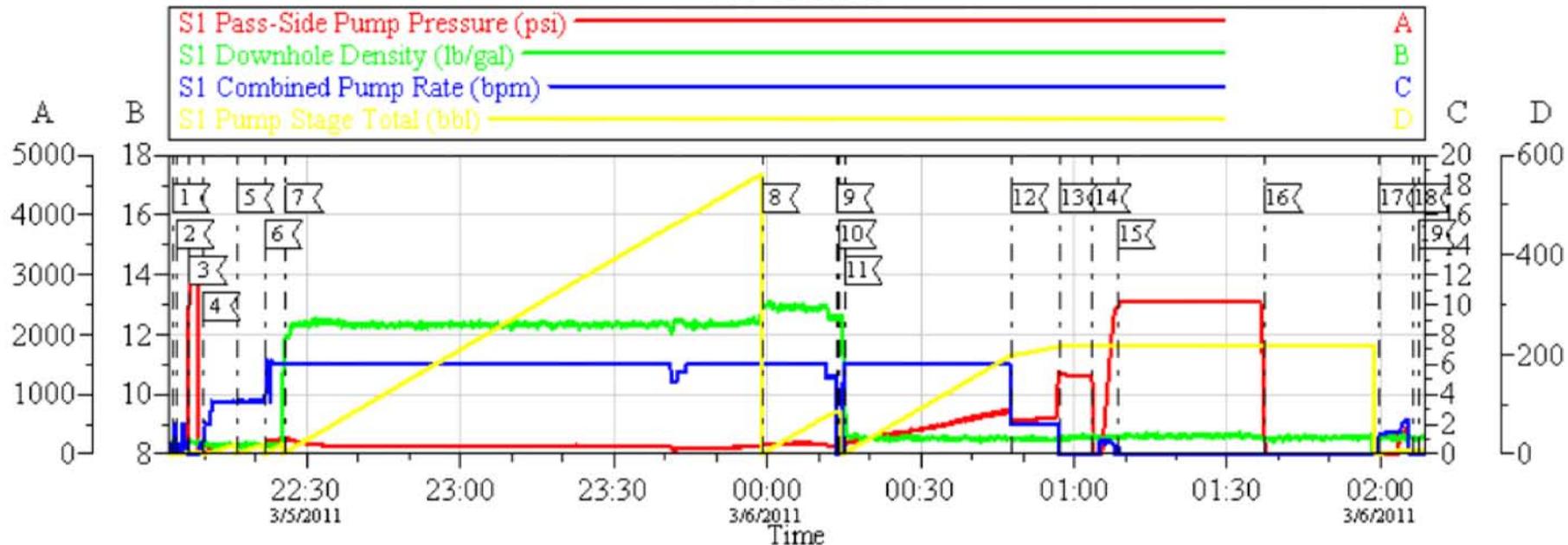
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Legal Description:			
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Contractor: H&P 353		Rig/Platform Name/Num: H&P353	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: 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	03/05/2011 03:00							
Pre-Convoy Safety Meeting	03/05/2011 05:00							
Crew Leave Yard	03/05/2011 05:30							ONE PICK UP, THREE BULK TRUCKS, ON PUMP TRUCK
Arrive At Loc	03/05/2011 10:00							RIG WAS RUNNING CASING WHEN HES ARRIVED
Assessment Of Location Safety Meeting	03/05/2011 10:10							
Other	03/05/2011 19:00							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	03/05/2011 19:20							
Rig-Up Equipment	03/05/2011 19:30							
Pre-Job Safety Meeting	03/05/2011 21:45							
Start Job	03/05/2011 22:03							TD: 2725 TP: 2699 SJ: 44 MW: 8.9 PPG W/ AIR 9 5/8" 36#/FT CSG IN 14 3/4" OH
Test Lines	03/05/2011 22:07						2900.0	3000 PSI TEST
Pump Spacer	03/05/2011 22:09		3	20			38.0	FRESH H2O SPACER
Pump Spacer	03/05/2011 22:16		3	20			138.0	LGC GEL SPACER HES HAD CIRCULATION WITH 9 BBLs OF GEL WATER AWAY
Pump Spacer	03/05/2011 22:21		6	20			140.0	FRESH H2O SPACER

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	03/05/2011 22:25		6	434.8			260.0	1048 SKS @ 12.3 PPG 2.33 YLD 12.62 GAL.SK H2O
Pump Tail Cement	03/05/2011 23:59		6	57.5			156.0	156 SKS @ 12.8 PPG 2.07 YLD 10.67 GAL/SK H2O
Shutdown	03/06/2011 00:13							
Drop Plug	03/06/2011 00:14							PLUG AWAY
Pump Displacement	03/06/2011 00:15		6	195			141.0	FRESH H2O DISPLACEMENT
Slow Rate	03/06/2011 00:47		2	10			572.0	HES BROUGHT 100 BBLS OF CEMENT TO SURFACE HAD FAIR CIRCULATION THROUGH DISPLACEMENT
Bump Plug	03/06/2011 00:57		2	205.2			640.0	
Check Floats	03/06/2011 01:03						1360. 0	
Pressure Test	03/06/2011 01:08						2471. 0	30 MIN CUSTOMER REQUESTED CASING PRESSURE TEST
Release Casing Pressure	03/06/2011 01:37							
Other	03/06/2011 01:59		1.5	10			38.0	PUMP SUGAR WATER DOWN PARASITE STRING 10 BBLS
Shutdown	03/06/2011 02:06							
End Job	03/06/2011 02:07							
Post-Job Safety Meeting (Pre Rig-Down)	03/06/2011 02:10							PLUG BUMPED AT CALCULATED DISPLACEMENT, FLOATS HELD. PIPE WAS LEFT STATIC THROUGHOUT JOB. 4 ADD HOURS CHARGED.
Rig-Down Equipment	03/06/2011 02:20							
Pre-Convoy Safety Meeting	03/06/2011 04:30							

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Location	03/06/2011 05:00							THANK YOU FOR CHOOSING HALLIBURTON CEMENTING OF GRAND JUNCTION, COLORADO ANTHONY ANDREWS AND CREW

HP 353 - OXY
9 5/8" SURFACE



Local Event Log							
Intersection		SPPP	Intersection	SPPP			
1	Start Job	3/5/2011 22:03:38	1.000	2	Fill Lines	3/5/2011 22:04:30	1.000
3	Pressure Test	3/5/2011 22:07:06	2906	4	Pump Fresh Water Spacer	3/5/2011 22:09:41	38.00
5	Pump Gel Spacer	3/5/2011 22:16:18	138.8	6	Pump Fresh Water Spacer	3/5/2011 22:21:43	140.0
7	Pump Lead Cement	3/5/2011 22:25:54	260.1	8	Pump Tail Cement	3/5/2011 23:59:03	156.8
9	Shutdown	3/6/2011 00:13:32	121.1	10	Drop Plug	3/6/2011 00:14:02	12.00
11	Start Displacement	3/6/2011 00:15:15	141.7	12	Slowed Rate	3/6/2011 00:47:43	572.6
13	Bump Plug	3/6/2011 00:57:04	1326	14	Check Floats	3/6/2011 01:03:41	108.6
15	Start Casing Pressure Test	3/6/2011 01:08:36	2471	16	Release Pressure	3/6/2011 01:37:22	76.74
17	Pump Sugar Water	3/6/2011 01:59:29	5.000	18	Shutdown	3/6/2011 02:06:08	-7.000
19	End Job	3/6/2011 02:07:21	-4.000				

Customer: OXY	Job Date: 05-Mar-2011	Sales Order #: 7840278
Well #: CC 697-09-17B	Job Type: SURFACE	ADC Used: YES
Customer Rep: HARRY COOMBS	Pump Truck: ELITE 1/ TANNER CUNNINGHAM	Supervisor: ANTHONY ANDREWS