HALLIBURTON

CONQUEST OIL

SWD #C4A
DJ BASIN
Weld County , Colorado

Cement Surface Casing

16-Nov-2012

Job Site Documents

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 314722	**Ship To #:** 2964382	**Quote #:**	**Sales Order #:** 900009483
Customer: CONQUEST OIL		**Customer Rep:** Red, Red	
Well Name: SWD	**Well #:** #C4A		**API/UWI #:**
Field: DJ BASIN	**City (SAP):** GROVER	**County/Parish:** Weld	**State:** Colorado
Legal Description: Section 26 Township 6N Range 65W			
Contractor: Precision	**Rig/Platform Name/Num:** Precision 706 Precision 706		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: AARON, WESLEY	**Srvc Supervisor:** BULINSKI, MATTHEW	**MBU ID Emp #:** 483865	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BULINSKI, MATTHEW J	7.0	483865	CHAVEZ, JEROME Christophe	7.0	458298	IOERGER, TODD A	7.0	485941

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10951208	55 mile	11645065	55 mile	11812069C	55 mile	5707C	55 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11-16-12	7	2.5						
TOTAL				*Total is the sum of each column separately*				

Job

Formation Name			
Formation Depth (MD)	**Top**	**Bottom**	
Form Type		**BHST**	
Job depth MD	516. ft	**Job Depth TVD**	516. ft
Water Depth		**Wk Ht Above Floor**	
Perforation Depth (MD)	**From**	**To**	

Job Times

	Date	Time	Time Zone
Called Out	16 - Nov - 2012	08:00	MST
On Location	16 - Nov - 2012	12:00	MST
Job Started	16 - Nov - 2012	17:09	MST
Job Completed	16 - Nov - 2012	18:15	MST
Departed Loc	16 - Nov - 2012	19:00	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
13 1/2" Open Hole Section				13.5				.	516.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.			.	506.		

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				464	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

Stage/Plug #: 1

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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	Fresh Water Spacer		0.00	bbl	8.33	.0	.0	.0		
2	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)	190.0	sacks	13.8	1.66	8.49		8.49	
	8.492 Gal	FRESH WATER								

Calculated Values		Pressures		Volumes					
Displacement	36	Shut In: Instant		Lost Returns	0	Cement Slurry	60	Pad	
Top Of Cement		5 Min		Cement Returns	8	Actual Displacement	36	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	126

Rates							
Circulating		Mixing		Displacement		Avg. Job	

Cement Left In Pipe	Amount	42 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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Field: DJ BASIN	**City (SAP):** GROVER	**County/Parish:** Weld	**State:** Colorado
Legal Description: Section 26 Township 6N Range 65W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		**Long:** E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Precision	**Rig/Platform Name/Num:** Precision 706 Precision 706		
Job Purpose: Cement Surface Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: AARON, WESLEY	**Srvc Supervisor:** BULINSKI, MATTHEW		**MBU ID Emp #:** 483865

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl Stage	Volume bbl Total	Pressure psig Tubing	Pressure psig Casing	Comments
Arrive at Location from Service Center	11/16/2012 12:00							
Assessment Of Location Safety Meeting	11/16/2012 12:05							HAZARD HUNT ON LOCATION BEFORE SPOTTING IN TRUCKS
Start Job	11/16/2012 17:09							
Test Lines	11/16/2012 17:11		0.5				2150.0	2000PSI PRESSURE TEST TO HEAD ON RIG FLOOR
Pump Spacer 1	11/16/2012 17:14		3	30			36.0	30BBLS H2O SPACER LAST 10BBLS WITH RED DYE
Pump Cement	11/16/2012 17:33		4	60	90		78.0	190SKS SWIFTCEM B2 MIXED AT 13.8PPG USING RIG WATER
Shutdown	11/16/2012 17:48							SHUTDOWN TO TAKE OFF SWEDGE
Drop Top Plug	11/16/2012 17:53							DROP TOP PLUG IN CSG PUT SWEDGE BACK ON
Pump Displacement	11/16/2012 17:57		4	36	126		102.0	36BBLS H2O DISPLACMENT 8BBLS CMT BACK TO SURFACE LANDED AT 187PSI BROUGHT IT UP TO 730PSI AND HELD 3 MINS
Bump Plug	11/16/2012 18:12		3				730.0	132PSI CALCULATED LAND
Check Floats	11/16/2012 18:14							FLOATS HELD
End Job	11/16/2012 18:15							