

SLAWSON COMPANIES  
1675 BROADWAY STE 1600  
DENVER, Colorado

Whistle Pig 16-9-62

**ENSIGN 3D**

## **Post Job Summary** **Cement Surface Casing**

Prepared for:	Andy Peterson
Date Prepared:	10/5/2010
Version: 1	

Service Supervisor: Larry LaValley

Submitted by: Wes Aaron

**HALLIBURTON**

# HALLIBURTON

## Service Supervisor Reports

### Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
10/01/2010 15:49		Start Job						
10/01/2010 15:49		Test Lines					1500.0	
10/01/2010 15:50		Pump Spacer 1	5	50			22.0	RIG WATER WITH RED DYE
10/01/2010 16:02		Pump Cement	5	69			40.0	340 SKSTAIL CEMENT @ 15.8#
10/01/2010 16:18		Shutdown						
10/01/2010 16:18		Drop Top Plug						PRELOADED PLUG
10/01/2010 16:20		Pump Displacement	5	69			300.0	RIG WATER WITH NO ADDITIVES. AT 60BBLS AWAY LOST RETURNS AND THEN GOT THEM BACK THEN PLUG BUMPED.
10/01/2010 16:41		Bump Plug	2				1070.0	CALCULATED PRESSURE TO LAND PLUG WAS 480. CALCULATED PRESSURE TO LIFT WAS 377
10/01/2010 16:42		Other						CALCULATED CEMENT RETURNS WERE 19 BBLS AND WE GOT NO CEMENT RETURNS. SPOKE TO COMPANY REP AND HE SPOKE TO ERIC TO ORDER TOP OFF CEMENT.
10/01/2010 17:00		End Job						ENDED JOB AND ORDED MORE CEMENT FOR TOP OFF.
10/01/2010 20:37		Start Job						
10/01/2010 20:47		Pump Cement	1	15			19.0	75 SKS TAIL CEMENT @ 15.8 #. TOP OFF PUMPED THROUGH 1 INCH TUBING.
10/01/2010 21:20		Shutdown						SHUT DOWN WHEN CEMENT REACHED SURFACE
10/01/2010 21:21		End Job						

*The Road to Excellence Starts with Safety*

Sold To #: 305440	Ship To #: 2810808	Quote #:	Sales Order #: 7677937
Customer: SLAWSON COMPANIES		Customer Rep: CHAPMAN, TERRY	
Well Name: Whistle Pig		Well #: 16-9-62	API/UWI #: 05-123-31831-00
Field: WILDCAT	City (SAP): GROVER	County/Parish: Weld	State: Colorado
Contractor: ENSIGN		Rig/Platform Name/Num: 3DENSIGN 3D	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
LAVALLEY, LARRY P		419296	OLSON, NICHOLAS Martin		470709	OZBUN, RYAN Jacob		475709
RAMOS, REFUGIO Castro		435413						

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10972458	69 mile	11019275	69 mile	11341988C	69 mile	11518549	69 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					Job Times			
Formation Depth (MD)	Top	Bottom			Called Out	Date	Time	Time Zone
Form Type	BHST				On Location	01 - Oct - 2010	14:30	MST
Job depth MD	860. ft		Job Depth TVD	860. ft	Job Started	01 - Oct - 2010	15:50	MST
Water Depth			Wk Ht Above Floor	6. ft	Job Completed	01 - Oct - 2010	21:20	MST
Perforation Depth (MD)	From	To			Departed Loc	01 - Oct - 2010	22:00	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				.	900.		
Surface Casing	New		9.625	8.921	36.		J-55	.	887.		

## Tools and Accessories

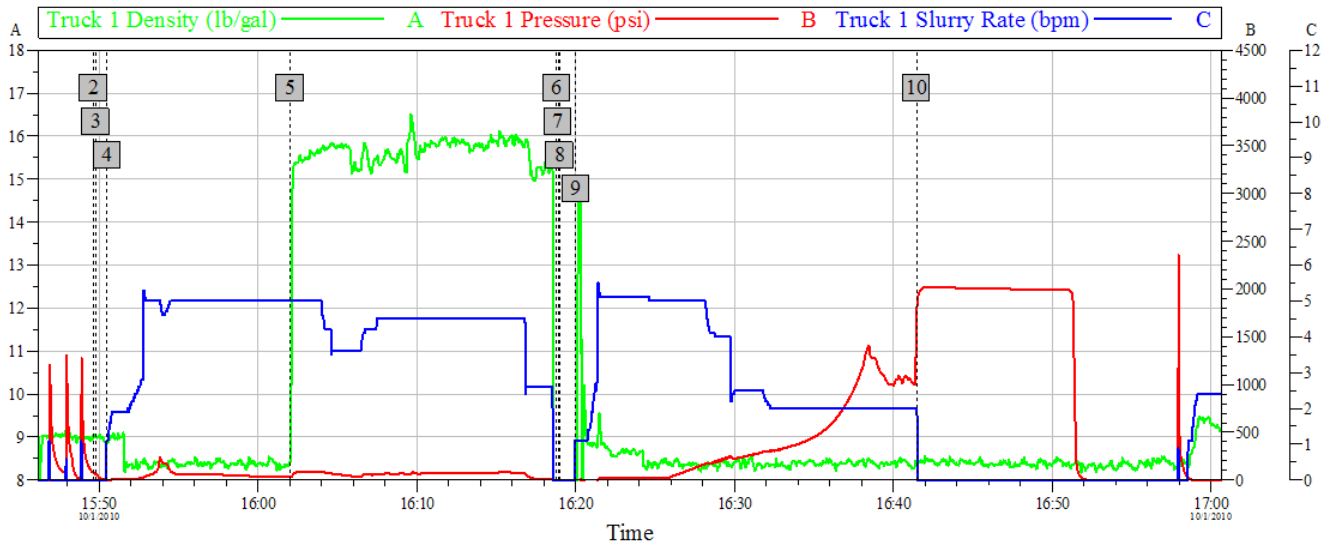
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

## 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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Dyed Water Spacer		50.00	bbl	8.4	.0	42.0	5.0		
2	Tail Cement 15.8#	CMT - STANDARD TYPE I / II CEMENT (101439798)	340.0	sacks	15.8	1.15	5.0	5.0	5.0	
	94 lbm	TYPE I / II CEMENT, BULK (101439798)								
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.125 lbm	POLY-E-FLAKE (101216940)								
	5 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	
									Pad	
									Treatment	
									Total Job	
Rates										
Circulating			Mixing			Displacement			Avg. Job	
Cement Left In Pipe		Amount	1 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					

SLAWSON 16-9-62  
9.625 SURFACE



Global Event Log									
Intersection		TID	TIP	TISR	Intersection		TID	TIP	TISR
1	Starting Job	15:29:43	30.85	4.000	0.000	2	Start Job	15:49:37	9.021 76.63 0.000
3	Test Lines	15:49:46	8.990	60.19	0.000	4	Pump Spacer 1	15:50:30	8.886 3.000 1.100
5	Pump Cement	16:02:00	8.438	36.00	5.000	6	Shutdown	16:18:47	0.200 -1.034 0.000
7	Clean Lines	16:18:53	0.190	-4.000	0.000	8	Drop Top Plug	16:18:58	0.190 -5.000 0.000
9	Pump Displacement	16:20:00	4.312	-6.841	1.100	10	Bump Plug	16:41:27	8.400 1588 1.978
11	End Job	17:00:46	9.194	4.000	2.400	12	Ending Job	17:00:59	9.040 4.000 2.400

Customer: SLAWSON  
Well Description: 9.625 SURFACE

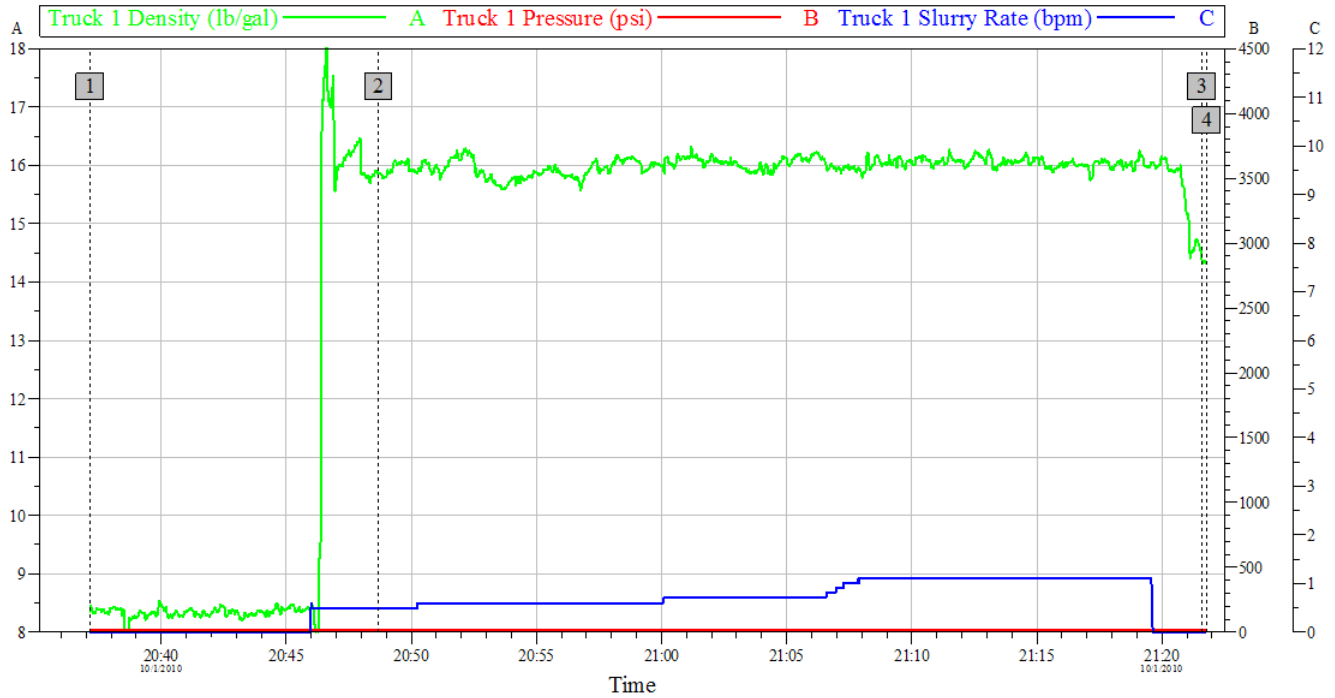
Job Date: 01-Oct-2010  
UWI: 05-123-31831-00

Sales Order #: 7677937

HALLIBURTON  
OptiCem v6.4.2  
01-Oct-10 17:03

# HALLIBURTON

SLAWSON 16-9-62  
1 INCH TOP OFF



Global Event Log											
Intersection			TID	TIP	TISR	Intersection			TID	TIP	TISR
1	Starting Job	20:37:09	8.350	18.00	0.000	2	Start Job	20:48:41	15.87	16.00	0.500
3	End Job	21:21:35	14.43	14.00	0.000	4	Ending Job	21:21:47	14.32	14.00	0.000

Customer: SLAWSON  
Well Description: 9.625 SURFACE TOP OFF

Job Date: 01-Oct-2010  
UWI: 05-123-31831-00

Sales Order #: 7677937

HALLIBURTON  
OptiCem v6.4.2  
01-Oct-10 21:23