

SLAWSON COMPANIES  
1675 BROADWAY STE 1600  
DENVER, Colorado

Igloo 32-12-66

**White Mountain Preset 1**

## **Post Job Summary**

### **Cement Surface Casing**

Prepared for:	Andy Peterson
Date Prepared:	11/10/2010
Version: 1	

Service Supervisor: Dale Sanford

Submitted by: Wes Aaron

**HALLIBURTON**

# HALLIBURTON

## ***Service Supervisor Reports***

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### **Job Log**

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)		Comments
11/05/2010 03:15		Test Lines					1400.0		
11/05/2010 03:17		Pump Spacer 1	5	50			120.0		Dye Water
11/05/2010 03:28		Pump Lead Cement	5	201			125.0		670 sks @ 13.1#
11/05/2010 04:00		Pump Tail Cement	5	56			100.0		260 Sks @ 15.6#
11/05/2010 04:15		Drop Top Plug							
11/05/2010 04:17		Pump Displacement	7	180.5			870.0		Displace with water
11/05/2010 04:47		Bump Plug	4				1420.0		35 Bbl Good Cmt To Pit
11/06/2010 04:49		Shutdown					1430.0		Check Float, Float held

*The Road to Excellence Starts with Safety*

Sold To #: 305440	Ship To #: 2817041	Quote #:	Sales Order #: 7746796
Customer: SLAWSON COMPANIES		Customer Rep: 1, Razz	
Well Name: Igloo		Well #: 32-12-66	API/UWI #:
Field: WILDCAT	City (SAP): GROVER	County/Parish: Weld	State: Colorado
Contractor: White Mountain Preset		Rig/Platform Name/Num: White Mountain 1	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor: SANFORD, DALE	MBU ID Emp #: 219527

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANUELOS, GUADALUPE		372277	Corley, Wade		462208	DIXON, ROBERT E		480071
Housman, C		480503	SANFORD, DALE A		219527			

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	55 mile	10866497C	55 mile	10988836C	55 mile	11398490	55 mile
11518550	55 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

## Job Times

Formation Name						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	05 - Nov - 2010	16:00	MST
Form Type			BHST		On Location	05 - Nov - 2010	22:30	MST
Job depth MD	2377. ft		Job Depth TVD	2377. ft	Job Started	06 - Nov - 2010	03:15	MST
Water Depth			Wk Ht Above Floor		Job Completed	06 - Nov - 2010	04:48	MST
Perforation Depth (MD)	From		To		Departed Loc	06 - Nov - 2010	05:30	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
Open Hole				13.5				.	2388.	.	2388.
Surface Casing	New		9.625	8.921	36.		J-55	.	2377.	.	2377.

Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

## 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	
<b>Fluid Data</b>													
<b>Stage/Plug #: 1</b>													
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	Dyed Water Spacer				50.00	bbl	8.4	.0	42.0	5.0			
1.9 lbm/Mgal		RHODAMINE RED LIQUID DYE # 2 (101201084)											
2	Lead Cement 13.1#				670.0	sacks	13.1	1.69	8.64	5.0	8.64		
3 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)											
0.125 lbm		POLY-E-FLAKE (101216940)											
8.64 Gal		FRESH WATER											
3	Tail Cement 15.8#	CMT - STANDARD TYPE I / II CEMENT (101439798)			260.0	sacks	15.6	1.2	5.24	5.0	5.24		
94 lbm		TYPE I / II CEMENT, BULK (101439798)											
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)											
0.125 lbm		POLY-E-FLAKE (101216940)											
5.24 Gal		FRESH WATER											
<b>Calculated Values</b>		<b>Pressures</b>				<b>Volumes</b>							
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		
<b>Rates</b>													
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								

