

HALLIBURTON

GOSNEY & SONS INC

Kelsall 33-7 #4-2

La Plata County , Colorado

Cement Surface Casing
17-Aug-2012

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 340353		Ship To #: 340353		Quote #:		Sales Order #: 9750668	
Customer: GOSNEY & SONS INC				Customer Rep: Barth, Jerry			
Well Name: Kelsall 33-7			Well #: #4-2			API/UWI #:	
Field:		City (SAP): BAYFIELD		County/Parish: La Plata		State: Colorado	
Contractor: Bearcat Drilling Co.			Rig/Platform Name/Num: Bearcat #1				
Job Purpose: Cement Surface Casing							
Well Type: Producing Well				Job Type: Cement Surface Casing			
Sales Person: KEERAN, RYAN				Srvc Supervisor: CHASTAIN, DERICK		MBU ID Emp #: 455848	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A	7.5	371353	CHASTAIN, DERICK Allan	7.5	455848	LINN, PAUL Andrew	7.5	479143

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
	75 mile	10001398C	75 mile	10951249	75 mile	11338219	75 mile
11808849	75 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8/16/2012	4	0	8/17/2012	3.5	3			
TOTAL			Total is the sum of each column separately					

Job

Formation Name	Job	Job Times
Formation Depth (MD)	Top Bottom	Date Time Time Zone
Form Type	BHST	Called Out 16 - Aug - 2012 12:00 MST
Job depth MD	526. ft	On Location 16 - Aug - 2012 08:00 MST
Water Depth	Wk Ht Above Floor 3. ft	Job Started 17 - Aug - 2012 01:40 MST
Perforation Depth (MD)	From To	Job Completed 17 - Aug - 2012 02:26 GMT
		Departed Loc 17 - Aug - 2012 03:30 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
12 1/4" Open Hole				12.25					526.		
8 5/8" Surface Casing	Unknown		8.625	7.921	32.		J-55		523.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		HES
SUGAR, GRANULATED, IMPERIAL	150	LB		HES

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	8 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
					Retainer					SSR plug set			
										Plug Container	8 5/8	1	HES
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
reatment Fld	Conc	Inhibitor	Conc	Sand Type	Size		Qty

Fluid Data

Stage/Plug #: 1

Cementing Job Summary

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	Fresh Water Spacer		10	bbl	8.33	.0	.0	5	
2	Primary Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	370.0	sacks	15.8	1.17	5.0	5	5.0
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	4.998 Gal	FRESH WATER							
3	Displacement		30	bbl	8.33	.0	.0	5	
Calculated Values		Pressures		Volumes					
Displacement	29.3	Shut In: Instant		Lost Returns		Cement Slurry	77.1	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	10	Actual Displacement	29.3	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	118
Rates									
Circulating	6	Mixing	5	Displacement	5	Avg. Job	4		
Cement Left In Pipe	Amount	42.2 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					

HALLIBURTON

Cementing Job Log

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Field:	City (SAP): BAYFIELD	County/Parish: La Plata	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: Bearcat Drilling Co.		Rig/Platform Name/Num: Bearcat #1	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Producing Well		Job Type: Cement Surface Casing	
Sales Person: KEERAN, RYAN		Srvs Supervisor: CHASTAIN, DERICK	MBU ID Emp #: 455848

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	08/16/2012 11:30							SPOT EQUIPMENT,
Pre-Rig Up Safety Meeting	08/16/2012 11:45							WITH ALL HES PERSONNEL
Rig-Up Equipment	08/16/2012 12:00							1 ELITE PUMP TRUCK, 1 660 BULK TRUCK, 1 F-450 PICKUP, 1 PLUG CONTAINER.
Call Out	08/16/2012 12:00							COORDINATOR CALLS OUT CREW
Pre-Convoy Safety Meeting	08/16/2012 18:00							JOURNEY DISCUSSED WITH ALL HES PERSONNEL
Arrive at Location from Service Center	08/16/2012 20:00							RIG FINISHING DRILLING
Assessment Of Location Safety Meeting	08/16/2012 20:30							WITH ALL HES PERSONNEL
Pre-Job Safety Meeting	08/17/2012 01:00							WITH ALL PERSONNEL ON LOCATION
Start Job	08/17/2012 01:40							TD 526, TP 523, SJ 42.2, CSG 8 5/8" 32# J-55, OH 12 1/4", MUD 8.8 PPG.
Other	08/17/2012 01:40		2	2			24.0	FILL LINES
Test Lines	08/17/2012 01:42							TESTED TO PSI
Pump Spacer 1	08/17/2012 01:46		5	10			167.0	FRESH WATER
Pump Cement	08/17/2012 01:55		5	77.1			166.0	370 SKS, 15.8 PPG, 1.17 FT3/SK, 5 GAL/SK. WET AND DRY SAMPLES SUBMITTED.
Shutdown	08/17/2012 02:13							

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SUMMIT Version: 7.3.0039

Friday, August 17, 2012 03:02:00

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Top Plug	08/17/2012 02:13							VERIFIED PLUG LAUNCHED
Pump Displacement	08/17/2012 02:14		5	29.3			189.0	FRESH WATER
Slow Rate	08/17/2012 02:21		2	20			172.0	SLOW RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	08/17/2012 02:26		2	29.3			850.0	PLUG BUMPED @ 172 PSI THEN PRESSURED UP TO 850 PSI
Check Floats	08/17/2012 02:28							FLOATS DID NOT HOLD
Bump Plug	08/17/2012 02:29		2				900.0	REBUMP PLUG
Check Floats	08/17/2012 02:31						.0	FLOATS HOLDING. 1/2 BBLS BACK TO TRUCK.
End Job	08/17/2012 02:31							USED 150 LBS SUGAR. NO ADD HOURS.
Pre-Rig Down Safety Meeting	08/17/2012 02:40							WITH ALL HES PERSONNEL
Rig-Down Equipment	08/17/2012 02:45							
Pre-Convoy Safety Meeting	08/17/2012 03:20							JOURNEY DISCUSSED WITH ALL HES PERSONNEL
Crew Leave Location	08/17/2012 03:30							LEFT LOCATION FREE OF DEBRESS
Comment	08/17/2012 03:30							THANK YOU FOR CHOOSING HALLIBURTON. DERICK CHASTAIN AND CREW

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