

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 306414		Ship To #: 306414		Quote #:		Sales Order #: 7698185	
Customer: WELL STAR CORP				Customer Rep: ., DOUG			
Well Name: SILVER STAR MINERIALS		Well #: 35-2		API/UWI #:			
Field:		City (SAP): NORTHGLENN		County/Parish: Weld		State: Colorado	
Contractor: EVERGREEN		Rig/Platform Name/Num: 21 21					
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: COLLINS, JAMES		Srv Supervisor: DAVIS, CODY		MBU ID Emp #: 446891			
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
DAVIS, CODY R	32	446891	FUCHS, ALEXANDER Arndt	32	479705	GAMBLES, BRAYDEN Kade	32
WILLIAMS, CAMERON Kent	32	438405					
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
10-13-10	12	0	10-14-10	20	2		
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	12 - Oct - 2010	22:00	MST
Form Type	BHST			On Location	13 - Oct - 2010	10:00	MST
Job depth MD	970. ft	Job Depth TVD	970. ft	Job Started	14 - Oct - 2010	18:00	MST
Water Depth	Wk Ht Above Floor 3. ft			Job Completed	14 - Oct - 2010	20:00	MST
Perforation Depth (MD)	From	To		Departed Loc	14 - Oct - 2010	22:00	MST
Well Data							
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade
12 1/4" Surface Open Hole				12.25			
9 5/8" Surface Casing	Unknown		9.625	8.921	36.	STC	J-55
Sales/Rental/3rd Party (HES)							
Description				Qty	Qty uom	Depth	Supplier
CMT SURFACE CASING BOM				1	JOB		
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Gelling Agt		Conc		Surfactant		Conc	
Treatment Fld		Conc		Inhibitor		Conc	
				Acid Type		Qty	
				Sand Type		Size	

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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	Fresh Water		20.00	bbl	8.3	.0	.0	5.0	
2	Rockies LT - Lead	ROCKIES LT - SBM (430481)	150.0	sacks	11.5	2.94	17.76	5.0	17.76
	0.2 %	D-AIR 3000 (101007446)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	1 lbm	GILSONITE, BULK (100003700)							
	17.763 Gal	FRESH WATER							
3	Rockies LT - Tail	ROCKIES LT - SBM (430481)	120.0	sacks	13.5	1.8	9.34		9.34
	0.2 %	D-AIR 3000 (101007446)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	9.338 Gal	FRESH WATER							
4	Displacement Fluid		70.00	bbl	8.33	.0	.0	5.0	
5	top out	CMT - STANDARD TYPE III - FINE (100012229)	75.0	sacks	14.8	1.35	6.37		6.37
	94 lbm	CMT - STANDARD TYPE III - FINE, BULK (100012229)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	6.365 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
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	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	0 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:		City (SAP): NORTHGLENN		County/Parish: Weld			State: Colorado
Legal Description:							
Lat:				Long:			
Contractor: EVERGREEN			Rig/Platform Name/Num: 21 21				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: COLLINS, JAMES			Srvc Supervisor: DAVIS, CODY			MBU ID Emp #: 446891	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/12/2010 22:00							
Depart Yard Safety Meeting	10/13/2010 00:30							JOURNEY MANAGMENT
Crew Leave Yard	10/13/2010 00:45							
Arrive at Location from Service Center	10/13/2010 10:30							RIG STILL DRILLING 300 FEET LEST
Other	10/13/2010 10:45							WAIT ON RIG
Other	10/14/2010 15:00							SPOT TRUSK USING TWO SPOTTER GO OVER NUMBERS W/ CO MAN
Safety Meeting - Pre Rig-Up	10/14/2010 15:15							PINCH POINTS RED ZONES
Rig-Up Equipment	10/14/2010 16:00							
Rig-Up Completed	10/14/2010 17:00							
Safety Meeting - Pre Job	10/14/2010 17:30							GO OVER JOB
Pump Water	10/14/2010 17:48							2 BBLS TO FILL LINES
Pressure Test	10/14/2010 17:54						5000.0	TO 5000SPI
Pump Water	10/14/2010 18:01		4				52.0	20BBLS
Pump Lead Cement	10/14/2010 18:05		4				79.0	78.5BBLS 11.5#2.94YIELD 17.76GAL SK 150SKS
Pump Tail Cement	10/14/2010 18:18		4				79.0	38.5BBLS 13.5# 1.8YIELD 9.34GAL/SK 120SKS

Sold To # : 7.20.130

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Quote # :

Sales Order # :

7698185

SUMMIT Version: 7.20.130

Thursdav. October 14. 2010 08:37:00

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Activity Description	Date/Time	Cht #	Rate bbl/ min	Vofume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	10/14/2010 18:29							
Drop Top Plug	10/14/2010 18:34							
Pump Displacement - Start	10/14/2010 18:35		4				58.0	PUMP H2O DISPLACEMENT
Slow Rate	10/14/2010 18:40		3				40.0	25BBLS GONE
Slow Rate	10/14/2010 18:49		2				120.0	50BBLS GONE
Bump Plug	10/14/2010 18:59		2				200.0	TOTAL DISPLACEMENT 70BBLS PRESSURE OVER TO 700PSI
Check Floats	10/14/2010 19:02							.5BBLS BACK
Other	10/14/2010 19:34							RUN ONE INCH PIPE TOP OUT 18BBLS 14.8# 1.35YIELS 6.37GAL/SK 75SKS
Safety Meeting - Pre Rig- Down	10/14/2010 20:00							PINCH POINTS RED ZONES
Rig-Down Equipment	10/14/2010 20:05							
Rig-Down Completed	10/14/2010 21:30							
Safety Meeting - Departing Location	10/14/2010 21:45							JOURNEY MANAGMENT
Depart Location for Service Center or Other Site	10/14/2010 22:00							THANKS FOR USING HALLIBURTON

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