

The Road to Excellence Starts with Safety

Sold To #: 324725		Ship To #: 3001275		Quote #:		Sales Order #: 900497524	
Customer: BONANZA CREEK ENERGY OPERATING CO				Customer Rep: Mustard, Lonnie			
Well Name: Latham			Well #: O-K-2HNB		API/UWI #:		
Field: WATTENBERG		City (SAP): KERSEY		County/Parish: Weld		State: Colorado	
Contractor: Ensign			Rig/Platform Name/Num: Ensign 128				
Job Purpose: Cement Intermediate Casing							
Well Type: Development Well				Job Type: Cement Intermediate Casing			
Sales Person: FLING, MATTHEW			Srvc Supervisor: PICKELL, CHRISTOPHER			MBU ID Emp #: 396838	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FARREL, DAVID	0.0	510040	FRYE, KEVIN	0.0	498549	MILLER, GEOFFREY Alan	0.0	460232
PICKELL, CHRISTOPHER Lee	0.0	396838	ROMERO, JOSEPH M	0.0	512137	SIMS, DENNIS A	7.8	158880

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	45 mile	11019824C	45 mile	11362287C	45 mile	11605597	45 mile
11645063	45 mile	11748359	45 mile	NA	45 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	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	07 - Jun - 2013	11:00	MST
Form Type		BHST	Job Started	07 - Jun - 2013	15:15	MST
Job depth MD	6730. ft	Job Depth TVD	6283. ft	Job Completed	07 - Jun - 2013	19:47
Water Depth		Wk Ht Above Floor	5. ft	Departed Loc	07 - Jun - 2013	21:36
Perforation Depth (MD)	<i>From</i>	<i>To</i>			07 - Jun - 2013	23:00

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
8 3/4" Open Hole Section				8.75				755.	6730.	755.	6283.
7" Intermediate Casing	Unknown		7.	6.276	26.		P-110	.	6704.	.	6283.
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	755.		

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	MudFlush III		20.00	bbl	8.4	.0	.0	.0	
	2.08 lbm/bbl	MUD FLUSH III, 40 LB SACK (101633304)							
2	Econocem B2 12.5#	ECONOCEM (TM) SYSTEM (452992)	610.0	sacks	12.5	1.89	10.29		10.29
	10.29 Gal	FRESH WATER							
3	Expandacem B1 14.6#	HALCEM (TM) SYSTEM (452986)	290.0	sacks	14.6	1.46	6.08		6.08
	6.08 Gal	FRESH WATER							
4	Displacement			bbl	.	.0	.0	.0	
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	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					