

**BONANZA CREEK ENERGY
DO NOT MAIL - 410-17TH ST STE1400
DENVER, Colorado**

State Seventy Holes F-J-8HNB

Ensign 136

Post Job Summary

Cement Intermediate Casing

Prepared for:
Date Prepared: 7/23/2013
Version: 1

Service Supervisor: BULINSKI, MATTHEW

Submitted by: FINNEY, SEAN

HALLIBURTON

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD		TVD	
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft
Casing	9 5/8" Surface Casing	9.63	8.921	36.00	0.00	436.00		
Open Hole Section	8 3/4" Open Hole Section		8.750		436.00	6,639.00	436.00	5,700.00
Casing	7" Intermediate Casing	7.00	6.276	26.00	0.00	6,639.00	0.00	5,700.00

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Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	MUD FLUSH III	8.40	4.00	24.0 bbl	24.0 bbl
1	2	Cement Slurry	EconoCem B2	12.50	7.50	610.0 sacks	610.0 sacks
1	3	Cement Slurry	Expandacem B1	14.60	6.00	243.0 sacks	243.0 sacks

Fluids Pumped

Stage/Plug # 1 Fluid 1: MUD FLUSH III
 MUD FLUSH III - SBM (528788)
 42 gal/bbl Mud Flush III

Fluid Density: 8.40 lbm/gal
 Fluid Volume: 24.00 bbl
 Pump Rate: 0.00 bbl/min

Stage/Plug # 1 Fluid 2: EconoCem B2
 ECONOCEM (TM) SYSTEM

Fluid Weight: 12.50 lbm/gal
 Slurry Yield: 1.89 ft³/sack
 Total Mixing Fluid: 10.28 Gal
 Surface Volume: 610.0 sacks
 Sacks: 610.0 sacks
 Calculated Fill: 5,000.00 ft
 Calculated Top of Fluid: 0.00 ft

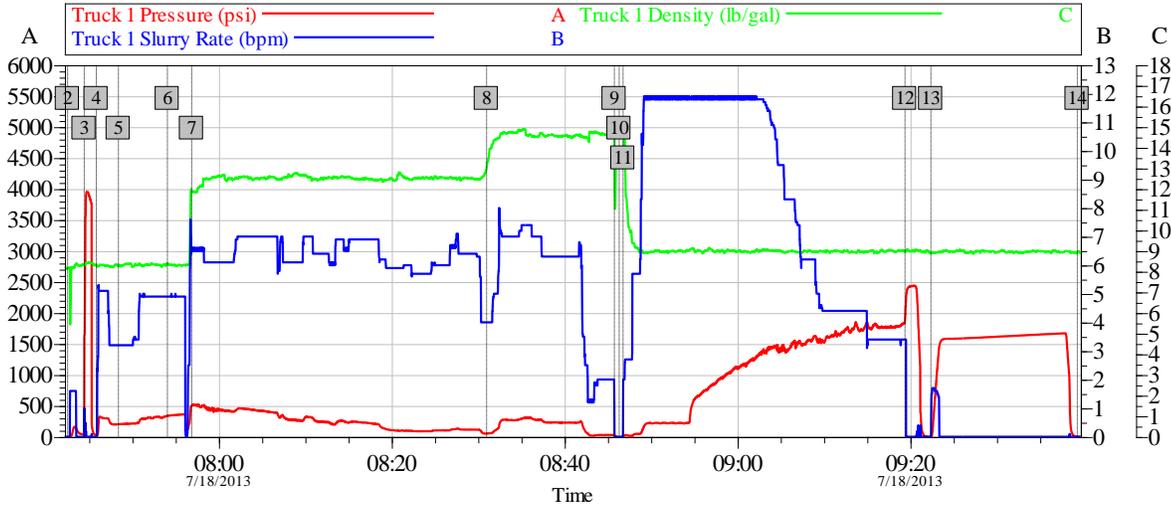
Stage/Plug # 1 Fluid 3: Expandacem B1
 EXPANDACEM (TM) SYSTEM

Fluid Weight: 14.60 lbm/gal
 Slurry Yield: 1.46 ft³/sack
 Total Mixing Fluid: 6.07 Gal
 Surface Volume: 243.0 sacks
 Sacks: 243.0 sacks
 Calculated Fill: 1,500.00 ft
 Calculated Top of Fluid: 5,000.00 ft

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Data Acquisition

Bonanza Creek F-J-8HNB 7-18-13 Intermediate Ensign 136



2	Start Job	07:42:32	3	Pressure Test	07:44:27	4	Pump Spacer 1	07:45:51
5	Pump Spacer 2	07:48:25	6	Pump Spacer 1	07:54:05	7	Pump Lead Cement	07:56:53
8	Pump Tail Cement	08:30:59	9	Shutdown	08:45:46	10	Drop Top Plug	08:46:20
11	Pump Displacement	08:46:47	12	Bump Plug	09:19:23	13	Csg Test	09:22:23
14	End Job	09:39:20						

Customer:	Job Date: 18-Jul-2013	Sales Order #: 900597680
Well Description:	UWI:	

OptiCem v6.4.10
18-Jul-13 09:39

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
07/18/2013 03:30		Arrive at Location from Service Center					Arrived 30mins Early; Rig Still Running Csg...
07/18/2013 05:00		Assessment Of Location Safety Meeting					Hazard Hunt On Location Before Spotting Trucks
07/18/2013 05:15		Safety Meeting - Pre Rig-Up					JSA Huddle with HES hands on rig up
07/18/2013 05:20		Rig-Up Equipment					Landing Joint on and racks in, Spot trucks into place and rig up hoses to pump as well as iron to rig
07/18/2013 06:00		Rig-Up Completed					Finished rig up and waiting on Vac Truck to get to Location... Rig still circulating sense start of rig up
07/18/2013 07:00		Safety Meeting - Pre Job					JSA with Company Man, Rig hands and HES hands on Pump Schedule
07/18/2013 07:42		Start Job					
07/18/2013 07:44		Test Lines					4000psi Pressure Test Lines to Rig Floor
07/18/2013 07:45		Pump Spacer 1	4	10		250.0	H2O Spacer
07/18/2013 07:48		Pump Spacer 2	4	24		240.0	MudFlush Spacer
07/18/2013 07:54		Pump Spacer 1	4	10		210.0	H2O Spacer
07/18/2013 07:56		Pump Lead Cement	7.5	205		150.0	610sks EconoCem, 12.5ppg, 1.89yield, 10.28gal/sk, Mixed with rig water and # verify by pressurized mud scales
07/18/2013 08:30		Pump Tail Cement	6	63		310.0	243sks ExpnadaCem, 14.6ppg, 1.46yield, 6.07gal/sk, Mixed with rig water and # verify by pressurized mud scales
07/18/2013 08:45		Shutdown					
07/18/2013 08:46		Pump Displacement	8	253		1700.0	H2O Displacment, Good Returns throughout... Spacer back at 180bbbls away and cmt at 200bbbls giving total of 53bbbls cmt back to surface
07/18/2013 08:46		Drop Top Plug					Pre-Loaded Company man verify
07/18/2013 09:19		Bump Plug	3			2432.0	Slowed down last 20bbbls to 3bbl/min... Plug Landed at 1812psi and brought to 2432psi for 1 min
07/18/2013 09:20		Check Floats					Floats Held
07/18/2013 09:22		Other				1615.0	Csg Test 1500psi 15mins
07/18/2013 09:39		End Job					
07/18/2013 09:41		Safety Meeting - Pre Rig-Down					Release Csg Test psi and JSA by Supervisor Truck over rig down
07/18/2013 09:45		Rig-Down Equipment					Rigging down bulk trucks and iron
07/18/2013 10:35		Rig-Down Completed					Rig down complete with walk around location to make sure clean as started
07/18/2013 10:45		Safety Meeting - Departing Location					JSA on pre-tripping trucks and driving back to Brighton yard

The Road to Excellence Starts with Safety

Sold To #: 324725	Ship To #: 3009992	Quote #:	Sales Order #: 900597680
Customer: BONANZA CREEK ENERGY		Customer Rep: Polk, Gary	
Well Name: State Seventy Holes		Well #: F-J-8HNB	API/UWI #: 05-123-37552
Field: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Lat: N 40.333 deg. OR N 40 deg. 19 min. 59.376 secs.		Long: W 104.355 deg. OR W -105 deg. 38 min. 42.612 secs.	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: PLIENESS, RYAN		Srvc Supervisor: BULINSKI, MATTHEW	MBU ID Emp #: 483865

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ALVARADO, JOSE Angel	0.0	505918	BULINSKI, MATTHEW J	0.0	483865	CARPENTER, JACOB P	0.0	499500
LANGE, TIMOTHY Paul	0.0	520811						

Equipment

HES Unit #	Distance-1 way						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone	
Formation Depth (MD)				17 - Jul - 2013	23:30	MST	
Form Type		BHST	On Location	18 - Jul - 2013	03:30	MST	
Job depth MD	6639. ft	Job Depth TVD	5700. ft	Job Started	18 - Jul - 2013	07:42	MST
Water Depth		Wk Ht Above Floor		Job Completed	18 - Jul - 2013	09:39	MST
Perforation Depth (MD)	<i>From</i>	<i>To</i>	Departed Loc	18 - Jul - 2013	10:45	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
8 3/4" Open Hole Section				8.75				436.	6639.	436.	5700.
7" Intermediate Casing	Unknown		7.	6.276	26.		P-110	.	6639.	.	5700.
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	436.		

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	MUD FLUSH III	MUD FLUSH III - SBM (528788)	24.00	bbl	8.4	.0	.0	4.0	
	42 gal/bbl	FRESH WATER							
	42 gal/bbl	MUD FLUSH III - SBM (528788)							
2	EconoCem B2	ECONOCEM (TM) SYSTEM (452992)	610.0	sacks	12.5	1.89	10.28	7.5	10.28
	10.28 Gal	FRESH WATER							
3	Expandacem B1	EXPANDACEM (TM) SYSTEM (452979)	243.0	sacks	14.6	1.46	6.07	6.0	6.07
	6.07 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					

