

**BONANZA CREEK ENERGY OPERATING CO
PO BOX 21974
BAKERSFIELD, California**

State North Platte P41-T44-26HNB

Ensign 128

Post Job Summary **Cement Intermediate Casing**

Date Prepared: 11/24/2013
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: ESTENSSORO, SEBASTIAN

HALLIBURTON

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD		TVD		Shoe Joint Length ft
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	480.00			
Open Hole Section	8 3/4" Open Hole Section		8.750		480.00	6,793.00	480.00	6,349.00	
Casing	7" Intermediate Casing	7.00	6.276	26.00	0.00	6,793.00	0.00	6,349.00	42.00

HALLIBURTON

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	8.40	5.00	24.0 bbl	24.0 bbl
1	2	Cement Slurry	12.5# EconoCem B2	12.50	7.00	548.0 sacks	548.0 sacks
1	3	Cement Slurry	14.6# ExpandaCem B1	14.60	7.00	255.0 sacks	255.0 sacks

HALLIBURTON

Data Acquisition

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
11/22/2013 21:00		Call Out						
11/23/2013 02:30		Arrive at Location from Service Center						
11/23/2013 02:30		Assessment Of Location Safety Meeting						
11/23/2013 04:31		Start Job						
11/23/2013 04:31		Test Lines						TO COLD OUTSIDE TO DO PRESSURE TEST
11/23/2013 04:31		Pump Spacer 1	5	10			49.0	WATER WITH NO ADDITIVES
11/23/2013 04:39		Pump Spacer 1	5	24			49.0	WATER WITH MUDFLUSH III ADDED
11/23/2013 04:48		Pump Spacer 2	5	10			130.0	WATER WITH NO ADDITIVES
11/23/2013 04:51		Pump Lead Cement	7	185			182.0	548 SKS ECONOCCEM B2 MIXED @ 12.5 PPG YIELD 1.89 FT3/FT AND 10.28 GAL/SK
11/23/2013 05:21		Pump Tail Cement	7	66			104.0	255 SKS EXPANDACEM B1 MIXED @ 14.6 PPG YIELD 1.46 FT3/FT AND 6.07 GAL/SK
11/23/2013 05:40		Shutdown						
11/23/2013 05:49		Drop Top Plug						PRELOADED HWE TOP PLUG
11/23/2013 05:50		Pump Displacement	8	259			1697.0	WATER WITH NO ADDITIVES WASHED UP ON TOP OF PLUG
11/23/2013 06:37		Bump Plug	3				2305.0	CALCULATED WAS 2297 PSI CAUGHT CEMENT @ 130 BBLS AWAY ,SPACER RETURNED TO SURFACE @210 BBLS AWAY 3 BBLS CEMENT BACK TO SURFACE
11/23/2013 06:41		End Job						FLOATS HELD AND GOT 2 BBLS BACK
11/23/2013 06:45		Safety Meeting - Pre Rig-Down						
11/23/2013 21:17		Safety Meeting - Pre Job						

The Road to Excellence Starts with Safety

Sold To #: 324725	Ship To #: 3202647	Quote #:	Sales Order #: 900920546
Customer: BONANZA CREEK ENERGY OPERATING CO		Customer Rep: Kimball, Paul	
Well Name: State North Platte		Well #: P41-T44-26HNB	API/UWI #: 05-123-38265
Field: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Contractor: bonanza creek		Rig/Platform Name/Num: ensign128	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: PLIENESS, RYAN		Srvc Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ALVAREZ, BRANDON Paul	0.0	555850	BARRERA, JORGE	0.0	554196	BROOM, KENDALL L	0.0	524682
LANGE, TIMOTHY Paul	0.0	520811	LAVALLEY, LARRY P	0.0	419296	TAUILIILI, SAIAIGA	0.0	545471

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248053C	49 mile	10866497C	49 mile	11338223	49 mile	11398490	49 mile
11518549	49 mile	11764052	49 mile	11764737	49 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

Formation Name	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Job Times	Date	Time	Time Zone
			BHST	6793. ft	6349. ft					Called Out	22 - Nov - 2013	21:00	MST
										On Location	23 - Nov - 2013	02:30	MST
										Job Started	23 - Nov - 2013	04:30	MST
										Job Completed	23 - Nov - 2013	06:30	MST
										Departed Loc	23 - Nov - 2013	07:15	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				480.	6793.	480.	6349.
7" Intermediate Casing	Unknown		7.	6.276	26.		P-110	.	6793.	.	6349.
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	480.		

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		24.00	bbl	8.4			5.0	
	3.5 lbm/bbl	MUD FLUSH III, 40 LB SACK (101633304)							
	42 gal/bbl	MUD FLUSH III - SBM (528788)							
2	12.5# EconoCem B2	ECONOCEM (TM) SYSTEM (452992)	548.0	sacks	12.5	1.89	10.28	7.0	10.28
	10.28 Gal	FRESH WATER							
3	14.6# ExpandaCem B1	EXPANDACEM (TM) SYSTEM (452979)	255.0	sacks	14.6	1.46	6.07	7.0	6.07
	6.07 Gal	FRESH WATER							
The Information Stated Herein Is Correct			Customer Representative Signature						

