

HALLIBURTON

iCem[®] Service

BONANZA CREEK ENERGY

Date: Tuesday, January 28, 2014

Pronghorn 12-42-28HNC

Sincerely,
Derek Trier

Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Pronghorn 12-42-28HNC** cement **Intermediate** casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton [Ft. Lupton]

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 324725		Ship To #: 3274568		Quote #:		Sales Order #: 901070110							
Customer: BONANZA CREEK ENERGY				Customer Rep: GRAHM, KENNY									
Well Name: PRONGHORN		Well #: 12-42-28HNC		API/UWI #: 05-123-38634									
Field: WATTENBERG		City (SAP): MASTERS		County/Parish: Weld		State: Colorado							
Lat: N 40.375 deg. OR N 40 deg. 22 min. 31.008 secs.				Long: W 104.222 deg. OR W -105 deg. 46 min. 39.504 secs.									
Job Purpose: Cement Intermediate Casing													
Well Type: Development Well				Job Type: Cement Intermediate Casing									
Sales Person: GREGORY, JON		Srvc Supervisor: BARRAS, JOSEPH		MBU ID Emp #: 405168									
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
BANUELOS, GUADALUPE	7	372277	BARRAS, JOSEPH Corey	7	405168	BEYER, BEAU Jon	7	560301					
ROOD, TRAVIS James	7	561971	SCILEPPI, JOSEPH D	7	555492								
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
10866493C	61 mile	10866497C	61 mile	11064535	61 mile	11518548	61 mile						
11542778	61 mile	11645065	61 mile	11764737	61 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								
Form Type	BHST				Job Started	27 - Jan - 2014	18:20	MST					
Job depth MD	6520. ft		Job Depth TVD 6101. ft		Job Completed	27 - Jan - 2014	20:06	MST					
Water Depth	Wk Ht Above Floor		4. ft		Departed Loc	27 - Jan - 2014	21:15	MST					
Perforation Depth (MD)	From	To											
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				775.	6520.	775.	6101.		
7" Intermediate Casing	Unknown		7.	6.276	26.		P-110		6520.		6101.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55		775.				
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
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		

HALLIBURTON

Cementing Job Summary

1	Mud Flush			bbbl	8.4	.0	.0	.0	
	3.5 lbm/bbl	MUD FLUSH III, 40 LB SACK (101633304)							
	42 gal/bbl	MUD FLUSH III - SBM (528788)							
2	12.5# EconoCem	ECONOCEM (TM) SYSTEM (452992)	540.0	sacks	12.5	1.89	10.28		10.28
	10.28 Gal	FRESH WATER							
3	14.6 ExpandaCem	EXPANDACEM (TM) SYSTEM (452979)	218.0	sacks	14.6	1.46	6.07		6.07
	6.07 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns	0	Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns	18	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	40	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 					

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 324725	Ship To #: 3274568	Quote #:	Sales Order #: 901070110
Customer: BONANZA CREEK ENERGY		Customer Rep: GRAHM, KENNY	
Well Name: PRONGHORN	Well #: 12-42-28HNC	API/UWI #: 05-123-38634	
Field: WATTENBERG	City (SAP): MASTERS	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 40.375 deg. OR N 40 deg. 22 min. 31.008 secs.		Long: W 104.222 deg. OR W -105 deg. 46 min. 39.504 secs.	
Contractor:		Rig/Platform Name/Num: CADE 22	
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: GREGORY, JON		Srv Supervisor: BARRAS, JOSEPH	MBU ID Emp #: 405168

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	01/27/2014 14:00							
Rig-Up Equipment	01/27/2014 16:45							
Rig-Up Completed	01/27/2014 17:30							
Safety Meeting - Pre Job	01/27/2014 17:45							with HES and rig crew
Start Job	01/27/2014 18:20							
Test Lines	01/27/2014 18:22							TEST LINES TO 3500 PSI CHECK FOR VISIBLE LEAKS AND PRESSURE LOSS ALL CHECKED OUT GOOD
Pump Spacer 1	01/27/2014 18:26		5	40			470.0	PUMP 40 BBL WATER
Pump Lead Cement	01/27/2014 18:36		7	173			518.0	PUMP 540 SKS ECONOCEM 12.5 PPG 1.89 YEILD/ 10.28 GAL/SK
Pump Tail Cement	01/27/2014 19:02		5	57			369.0	PUMP 218 SKS FRACEM 14.6 PPG 1.46 YEILD 6.07 GAL/SK
Shutdown	01/27/2014 19:12							SHUTDOWN
Drop Top Plug	01/27/2014 19:12							PLUG PRE LOADED WITNESSED BY COMPANY MAN PLUG DEPLOYED AND TRIGGERED TATTLE TAIL
Pump Displacement	01/27/2014 19:14		6	247			1875.0	RIG WATER WITH CEMENT TO SURFACE @ 230 BBL IN DISPLACING

Sold To #: 324725

Ship To #: 3274568

Quote #:

Sales Order #: 901070110

SUMMIT Version: 7.3.0109

Monday, January 27, 2014 08:32:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bb/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	01/27/2014 20:02		2				2481.0	
Check Floats	01/27/2014 20:05							HELD WITH 2 BBL BACK TO TRUCK
End Job	01/27/2014 20:06							END JOB
Safety Meeting - Pre Rig-Down	01/27/2014 20:10							
Rig-Down Equipment	01/27/2014 20:15							
Return to Service Center from Job	01/27/2014 21:15							

Sold To # : 324725

Ship To # : 3274568

Quote # :

Sales Order # : 901070110

SUMMIT Version: 7.3.0109

Monday, January 27, 2014 08:32:00