
BONANZA CREEK ENERGY

**State North Platte K-O-36HC
WATTENBERG
Weld County , Colorado**

Plug Service - Whipstock
24-Sep-2013

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 324725	Ship To #: 3093308	Quote #:	Sales Order #: 900770344
Customer: BONANZA CREEK ENERGY		Customer Rep: Savage, Joe	
Well Name: State North Platte	Well #: K-O-36HC	API/UWI #: 05-123-37669	
Field: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Lat: N 40.362 deg. OR N 40 deg. 21 min. 43.992 secs.	Long: W 104.392 deg. OR W -105 deg. 36 min. 28.548 secs.		
Job Purpose: Plug Service - Whipstock			
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: PLIENESS, RYAN	Srv Supervisor: OTERI, VAUGHN	MBU ID Emp #:	443828

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CHISLUM, DENNIS	9.0	512130	OTERI, VAUGHN Steeves	9.0	443828	SIMS, DENNIS A	9.0	158880

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10829457	60 mile	11106651	60 mile	11667703C	60 mile	12010167	60 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					Date				Time		Time Zone								
Formation Depth (MD)		Top			Bottom				Called Out		24 - Sep - 2013		11:15		MST				
Form Type					BHST						On Location		24 - Sep - 2013		15:45		MST		
Job depth MD		7900. m			Job Depth TVD			7900. m			Job Started		24 - Sep - 2013		21:18		MST		
Water Depth					Wk Ht Above Floor			6. m			Job Completed		24 - Sep - 2013		22:03		MST		
Perforation Depth (MD)		From					To					Departed Loc		25 - Sep - 2013		00:30		MST	

Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m
6 1/8" Open Hole				6.125				7300.	7900.		
8 3/4" Open Hole Section				8.75				450.	7300.		
7" Intermediate Casing	Unknown		7.	6.276	26.		P-110	.	7300.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	450.		

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 Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne
Fluid #	Stage Type							

Stage/Plug #: 1

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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne
1	PlugCem 17.5#	PLUGCEM (TM) SYSTEM (452969)	125.0	sacks	17.5	.94	3.34		3.34
3.34 Gal		FRESH WATER							
2	TUNE SPACER			m3	.11	.0	.0	.0	
9270 lbm/Mgal		BARITE, 100 LB SK (100003680)							
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: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 40.362 deg. OR N 40 deg. 21 min. 43.992 secs.		Long: W 104.392 deg. OR W -105 deg. 36 min. 28.548 secs.	
Contractor:		Rig/Platform Name/Num: Cade 22	
Job Purpose: Plug Service - Whipstock			Ticket Amount:
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: PLIENESS, RYAN		Srv Supervisor: OTERI, VAUGHN	MBU ID Emp #: 443828

Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	09/24/2013 15:45							ARRIVED ON LOCATION HAD TO TURN BULK TRUCK TO GET TUNE SPACER LOADED ON IT BACK AT THE YARD
Casing on Bottom	09/24/2013 17:00							DRILL PIPE ON BOTTOM JUST WAITING ON BULK TRUCK
Start Job	09/24/2013 21:18							HELD PREJOB SAFTY MEETING WITH ALL HANDS ON LOCATION TO DISCUSS JOB
Test Lines	09/24/2013 21:28						4380.0	PRESSURE TESTED PUMPS AND LINES FOUND NO LEAKS PRESSURE HELD GOOD
Pump Spacer 1	09/24/2013 21:31		3	23			58.0	MIXED 13.5PPG TUNE SPACER WITH FRESH WATER
Pump Cement	09/24/2013 21:41		3	20.9			139.0	MIXED 17.5PPG PLUGCEM WITH FRESH WATER
Pump Spacer 2	09/24/2013 21:48		3	12			83.0	MIXED 13.5PPG TUNE SPACER WITH FRESH WATER
Pump Displacement	09/24/2013 21:53		4.7	56.5			80.0	PUMPED DRILLING MUD TO BALANCE PLUG
Other	09/24/2013 22:03			0				RELEASED ANY PRESUURE , NOTHING BACK TO TRUCK, GOOD BALANCE

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate m3/ min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
End Job	09/24/2013 22:04							DRILL PIPE PILLED SLOW AND DRY