

BONANZA CREEK ENERGY OPERATING CO
PO BOX 21974
BAKERSFIELD, California

Seventy Holes T-P-5HNB

Bonanza Creek Ensign 128

Post Job Summary

Cement Intermediate Casing

Date Prepared: 9/27/2013
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: LANSDALE, JUSTIN

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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	773.00			
Open Hole Section	8 3/4" Open Hole Section		8.750		773.00	6,623.00	773.00	6,623.00	
Casing	7" Intermediate Casing	7.00	6.276	26.00	0.00	6,612.00	0.00	6,612.00	44.00

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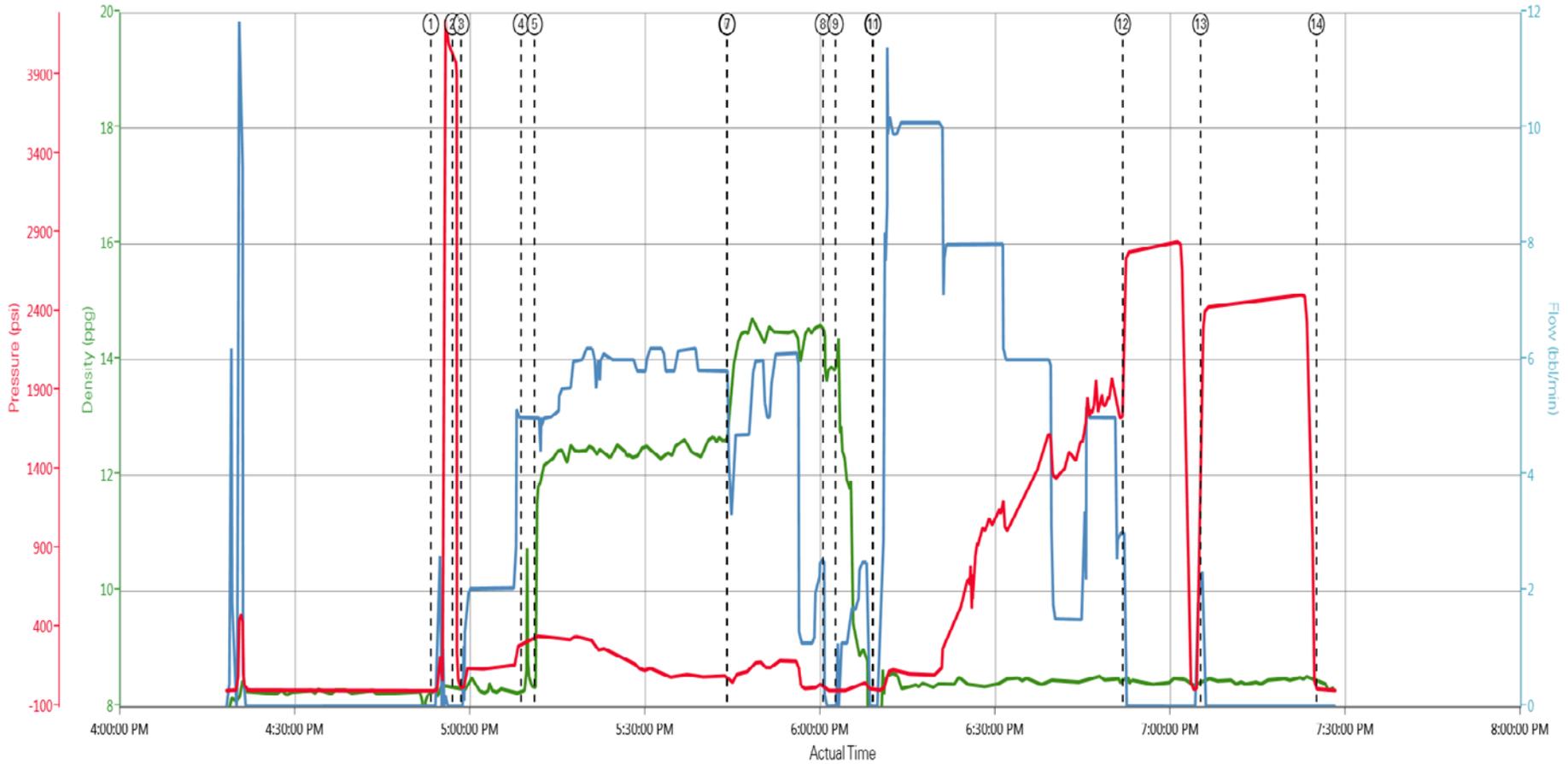
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Mud Flush	8.40	5.00	24.0 bbl	24.0 bbl
1	2	Cement Slurry	EconoCem B2	12.50	6.00	560.0 sacks	560.0 sacks
1	3	Cement Slurry	Expandacem B1	14.60	6.00	265.0 sacks	265.0 sacks

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Data Acquisition

Bonanza Creek Seventy Holes T-P-5HNB Intermediate



— DH Density (ppg) — Comb Pump Rate (bbl/min) — PS Pump Press (psi)

- ① Start Job 8.24,0,1
- ② Test Lines 8.32,0,3998
- ③ Pump Spacer 1 0.29,1.1,19
- ④ Pump Spacer 2 8.27,5,304
- ⑤ Pump Lead Cement 11.6,5,351
- ⑥ Pump Lead Cement 13.06,4.1,69
- ⑦ Pump Tail Cement 13.21,4.1,62
- ⑧ Shutdown 13.61,0,14
- ⑨ Clean Lines 14.4,1.1,12
- ⑩ Drop Top Plug 0.17,0,5
- ⑪ Pump Displacement 0.16,0,5
- ⑫ Dump Plug 0.45,0,2702
- ⑬ Other 8.44,0,2279
- ⑭ End Job 8.41,0,5

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
09/20/2013 16:53		Start Job					ARRIVED LOCATION STILL RUNNING CASING, DID HAZARD HUNT.STARTED RIG UP @
09/20/2013 16:57		Test Lines				3998.0	RIG WATER WITH NO ADDITIVES
09/20/2013 16:58		Pump Spacer 1	2	24		304.0	RIG WATER WITH MUDFLUSH III ADDED
09/20/2013 17:09		Pump Spacer 1	5	10		304.0	RIG WATER WITH NO ADDITIVES
09/20/2013 17:11		Pump Lead Cement	6	189		351.0	560 SKS ECONOCEM B2 MIXED @ 12.5 PPG YIELD 1.89 FT3/FT AND 10.29 GAL/SK
09/20/2013 17:44		Pump Tail Cement	6	69		69.0	255 SKS EXPANDACEM B1 MIXED @ 14.6 PPG YIELD 1.46 FT3/FT AND 6.07 GAL/SK
09/20/2013 18:00		Shutdown					
09/20/2013 18:03		Clean Lines					
09/20/2013 18:09		Drop Top Plug					PRELOADED HWE TOP PLUG
09/20/2013 18:09		Pump Displacement	10	251		1973.0	RIG WATER WITH NO ADDITIVES. CAUGHT CEMENT @ 85 BBLs AWAY AND SPACER RETURNED TO SURFACE @ 190 BBLs AWAY AND 44 BBLs CEMENT BACK TO SURFACE. SLOWED RATE TO 1.5 BBLs/MIN TO DIVERT CEMENT RETURNS.
09/20/2013 18:52		Bump Plug	3			2702.0	CALCULATED PRESSURE TO LAND WAS 2367 WITH 500 OVER IS 2867 PSI. FLOATS HELD AND 1.5 BBLs BACK
09/20/2013 19:04		Other				2476.0	DID CASING TEST TO 2500 PSI AND HELD FOR 15 MIN
09/20/2013 19:25		End Job					

The Road to Excellence Starts with Safety

Sold To #: 324725		Ship To #: 3105083		Quote #:		Sales Order #: 900759513	
Customer: BONANZA CREEK ENERGY OPERATING CO				Customer Rep: Joel, Tim			
Well Name: Seventy Holes			Well #: T-P-5HNB		API/UWI #: 05-123-37579		
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 #
ALVARADO, JOSE Angel	0.0	505918	BROOM, KENDALL L	0.0	524682	JOHNSON, BRANDON Matthew	0.0	545534
LAVALLEY, LARRY P	0.0	419296	MILLS, CHUCK	0.0	123456			

Equipment

HES Unit #	Distance-1 way						
10025030	78 mile	11019824	78 mile	11398319	78 mile	11488570C	78 mile
11518549	78 mile	11645063	78 mile	11764739	78 mile		

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					20 - Sep - 2013	07:30	MST
Form Type			BHST	On Location	20 - Sep - 2013	12:45	MST
Job depth MD	6623. ft		Job Depth TVD	6623. ft	Job Started	20 - Sep - 2013	16:53
Water Depth			Wk Ht Above Floor	6. ft	Job Completed	20 - Sep - 2013	19:25
Perforation Depth (MD)	<i>From</i>		<i>To</i>		Departed Loc	20 - Sep - 2013	20:15

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				773.	6623.	773.	6623.
7" Intermediate Casing	Unknown		7.	6.276	26.		P-110	.	6612.	.	6612.
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	773.		

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
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1	Mud Flush		24.00	bbl	8.4		42.0	5.0	
	42 gal/bbl	MUD FLUSH III - SBM (528788)							
	3.5 lbm/bbl	MUD FLUSH III, 40 LB SACK (101633304)							
2	EconoCem B2	ECONOCEM (TM) SYSTEM (452992)	560.0	sacks	12.5	1.89	10.28	6.0	10.28
	10.28 Gal	FRESH WATER							
3	ExpandaCem B1	EXPANDACEM (TM) SYSTEM (452979)	265.0	sacks	14.6	1.46	6.07	6.0	6.07
	6.07 Gal	FRESH WATER							
Rates									
<i>Circulating</i>		<i>Mixing</i>		<i>Displacement</i>			Avg. Job		
<i>Cement Left In Pipe</i>	Amount	44 ft	<i>Reason</i>	Shoe Joint					
<i>Frac Ring # 1 @</i>	<i>ID</i>		<i>Frac ring # 2 @</i>	<i>ID</i>		<i>Frac Ring # 3 @</i>	<i>ID</i>		<i>Frac Ring # 4 @</i>
<i>The Information Stated Herein Is Correct</i>				Customer Representative Signature					

