



The Road to Excellence Starts with Safety											
Sold To #: 345242			Ship To #: 3672680			Primary Sales Order #: 0902598023					
Customer: NOBLE ENERGY INC E-BUSINESS						Job Purpose: 7522 CMT INTERMEDIATE CASING BOM					
Well Name: GREYSON						Well #: LD28-753		API/UWI #: 05-123-41586-00			
Field: WILDCAT			City: RAYMER			Country/Parish: WELD			State/Prov: COLORADO		
Legal Description:											
Rig Name & Number / Phone Number: H & P 343 / 970-361-3274										Location: LAND	
myCem Id#: 281143			Job Criticality Status: GREEN				Facts Request Id #: 2229440, 2252901				
Job Info / Well Data											
Job Depth (MD) ft		Job Depth (TVD) ft		Well Fluid Type		Well Fluid Weight lbm/gal		Displacement Fluid		Displ Fluid Weight lbm/gal	
7038		700		L SND		10.6		Displacement		8.33	
BHT degF		BHT degF		Log Temp degF				Time Since Circ Stopped HH:MM:SS			
225		160									
Job Tubulars/Tools											
Description	Size in	Weight lbm/ft	ID in	Thread	Grade	Top MD ft	Bot MD ft	Top TVD ft	Bot TVD ft	Shoe Jnt ft	% Excess
5-5/8" Surface Casing	5.625	36	5.321	BTC	J-55	0	700	0	700	42	
8.75" Open Hole			8.75			700	7038				20
7" Intermediate Casing	7	26	6.276	BTC	P-110	0	7038			42	
Materials											
Fluid #	Fluid Name	Package/SBM/Material Name	Rqsd Del Qty	UOM	Density lbm/gal	Yield ft ³ /sack	Water Req Gal/sack	Rate bbl/min	Total Mix Fluid Gal/sack	Surface Batch Mixing Time	
1	12.5 lb/gal Tuned Spacer III		50	bbl	12.5	2.76	17	6			
203.65 lbm/bbl		Barite Pre-Mix Dry									
0.50 lbm/bbl		Poly-E-Flake Pre-Mix Dry									
Fluid Loss											
IFacts Test Id #											
Fluid #	Fluid Name	Package/SBM/Material Name	Rqsd Del Qty	UOM	Density lbm/gal	Yield ft ³ /sack	Water Req Gal/sack	Rate bbl/min	Total Mix Fluid Gal/sack	Surface Batch Mixing Time hr	
2	ElastiCem	ELASTICEM (TM) SYSTEM	484	sack	13.6	1.89	8.56	6	8.56	1	
0.60 %		HR-5 Pre-Mix Dry									

Call For Service
Sales Order #:0902598023

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iCem® Service

(v. 4.1.107)

Created: Friday, August 07, 2015

8.56 Gal		FRESH WATER Mix-On-Fly to Slurry								
IFacts Test Id #		2252901								
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Fluid #	Fluid Name	Package/BBM/Material Name	Req'd Del Qty	UOM	Density lbm/gal	Yield ft ³ /sack	Water Req Gal/sack	Rate bbl/min	Total Mix Fluid Gal/sack	Surface Batch Mixing Time
3	Displacement		238	bbl	10.8					
Fluid Loss										
IFacts Test Id #										
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2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Downhole Density (ppg)	Pass-Side Pump Rate (bbl/min)	Pass-Side Pump Pressure (psi)	Comments
Event	1	Call Out	Call Out	8/1/2015	18:00:00	USER				CALLED OUT TO BE ON LOCATION AT 2400.
Event	2	Depart Shop for Location	Depart Shop for Location	8/1/2015	21:00:00	USER				JOURNEY MGMT AND SAFETY HUDDLE PRIOR TO LEAVING YARD.
Event	3	Arrive At Loc	Arrive At Loc	8/1/2015	23:30:00	USER				ARRIVED AT LOCATION AT 2130. SIGNED IN. HELD SITE ASSESSMENT. MET WITH COMPANY REP.
Event	4	Start Job	Start Job	8/2/2015	01:57:02	COM7	8.66	0.00	-2.00	HELD SAFETY MEETING WITH RIG CREW DISCUSSING THE JOB AND SAFETY. FILLED LINES AND MADE SURE EVERYONE WAS CLEAR OF OUR IRON.
Event	5	Test Lines	Test Lines	8/2/2015	01:57:10	COM7	8.67	0.00	-2.00	PRESSURE TESTED LINES TO 4000 PSI.
Event	6	Drop Bottom Plug	Drop Bottom Plug	8/2/2015	02:06:02	COM7	8.30	0.00	0.00	PLUG PRE LOADED AND DROPPED WITNESSED BY COMPANY REP.
Event	7	Pump Spacer 1	Pump Spacer 1	8/2/2015	02:08:28	COM7	8.29	0.00	0.00	PUMPED 50 BBLS 12.5# TUNED SPACER. DENSITY VERIFIED BY SCALE.
Event	8	Shutdown	Shutdown	8/2/2015	02:22:41	COM7	13.19	0.00	7.00	SHUT DOWN TO WEIGH UP CEMENT.
Event	9	Drop Bottom Plug	Drop Bottom Plug	8/2/2015	02:22:45	COM7	13.23	0.00	6.00	PLUG PRE LOADED AND DROPPED WITNESSED BY COMPANY REP.
Event	10	Pump Cement	Pump Cement	8/2/2015	02:23:12	COM7	13.22	0.00	4.00	PUMPED 163 BBLS 13.6# ELASTICEM (484SKS). DENSITY VERIFIED BY SCALE.
Event	11	Shutdown	Shutdown	8/2/2015	02:55:17	COM7	13.71	0.00	66.00	SHUTDOWN TO WASH PUMPS AND LINES.
Event	12	Drop Top Plug	Drop Top Plug	8/2/2015	02:55:22	COM7	13.77	0.00	44.00	PLUG PRE LOADED AND DROPPED WITNESSED BY COMPANY REP.
Event	13	Pump Displacement	Pump Displacement	8/2/2015	02:55:27	COM7	13.77	0.00	30.00	PUMPED 238 BBLS MUD DISPLACEMENT. GOOD RETURNS THROUGHOUT.
Event	14	Bump Plug	Bump Plug	8/2/2015	03:37:45	COM7	8.11	0.00	1662.00	PLUG BUMPED. FINAL LIFT PRESSURE 1100 PSI. PRESSURE BROUGHT TO 1600 PSI.

Event	15	Pressure Up Well	Pressure Up Well	8/2/2015	03:41:40	COM7	8.12	0.00	2983.00	PRESSURED UP WELL TO 3000 PSI FOR 15 MINUTE CASING TEST.
Event	16	Check Floats	Check Floats	8/2/2015	03:56:54	USER	8.39	0.00	293.00	FLOATS HELD. 2BBLs BACK TO SURFACE.
Event	17	End Job	End Job	8/2/2015	03:57:29	COM7	8.36	0.00	7.00	HELD PRE RIG DOWN SAFETY MEETING.
Event	18	Depart Location for Shop	Depart Location for Shop	8/2/2015	05:00:00	USER				JOURNEY MGMT AND SAFETY HUDDLE PRIOR TO LEAVING LOCATION.