

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS

**Dechant USX X 1-6
Wattenberg
Weld County , Colorado**

Squeeze Hole in Casing
17-Apr-2013

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 2993050		Quote #:		Sales Order #: 900370706	
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: Burns, Pete			
Well Name: Dechant USX X			Well #: 1-6		API/UWI #: 05-123-09840		
Field: Wattenberg		City (SAP): HUDSON		County/Parish: Weld		State: Colorado	
Lat: N 40.17 deg. OR N 40 deg. 10 min. 11.309 secs.				Long: W 104.616 deg. OR W -105 deg. 23 min. 2.562 secs.			
Contractor: Noble			Rig/Platform Name/Num: Workover				
Job Purpose: Squeeze Hole in Casing							
Well Type: Development Well				Job Type: Squeeze Hole in Casing			
Sales Person: FLING, MATTHEW				Srvc Supervisor: FANTASIA, JOSEPH		MBU ID Emp #: 485445	
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
BOURGEOIS, KEVIN Paul	4.5	459092	DEY, JERRY A	4.5	505015	FANTASIA, JOSEPH Brandon	4.5
SIMS, DENNIS A	4.5	158880					
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11410470 C	20 mile	12010169	20 mile	53301	20 mile		
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
4-17-2013	4.5	4					
TOTAL		Total is the sum of each column separately					
Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD) Top Bottom				Called Out	17 - Apr - 2013	10:30	MST
Form Type				On Location	17 - Apr - 2013	13:00	MST
Job depth MD 4520. ft				Job Started	17 - Apr - 2013	15:30	MST
Water Depth				Job Completed	17 - Apr - 2013	17:00	MST
Perforation Depth (MD) From To				Departed Loc	17 - Apr - 2013	18:00	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
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Gelling Agt		Conc		Surfactant		Conc	Acid Type
Treatment Fld		Conc		Inhibitor		Conc	Sand Type
Fluid Data							
Stage/Plug #: 1							
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk
							Rate bbl/min
							Total Mix Fluid Gal/sk
Stage/Plug #: 1							
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk
							Rate bbl/min
							Total Mix Fluid Gal/sk

Stage/Plug #: 1									
1	SqueezeCem Tail Cement	FRACCEM (TM) SYSTEM (452963)	200.0	sacks	13.5	1.74	8.3		8.3
	5 lbm	ENHANCER 923, BULK (101894003)							
	0.2 %	ECONOLITE (100001580)							
	3 lbm	SILICALITE - COMPACTED, 50 LB SK (100012223)							
	0.2 %	FE-2 (100001615)							
	0.2 %	HALAD(R)-344, 50 LB (100003670)							
	20 %	SAND-SSA-1 - SILICA FLOUR - 200 MESH, BULK (100003691)							
	8.3 Gal	FRESH WATER							
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					