

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 3727192	Quote #:	Sales Order #: 0903196038
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep:	
Well Name: Meyer	Well #: B2-16	API/UWI #:	
Field:	City (SAP): GILL	County/Parish: WELD	State: COLORADO
Legal Description:			
Contractor: UNKNOWN		Rig/Platform Name/Num: WORKOVER RIG	
Job BOM: 7528			
Well Type: GAS			
Sales Person: HALAMERICA\HB45834		Srvc Supervisor: Joseph Fantasia	

Job

Job depth MD	2515ft	Job Depth TVD	
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Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Tubing		2.875	2.441	6.4			0	2515	0	0
Tubing		1.66	1.38	2.3			0	2515	0	0

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Plug #1 @ 2515 FT	HALCEM (TM) SYSTEM	10	sack	15.8	1.15		2	5

5 Gal

FRESH WATER

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	Plug #2 @ 692 FT.	HALCEM (TM) SYSTEM	25	sack	15.8	1.15		2	5

5 Gal

FRESH WATER

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	TOP OUT	HALCEM (TM) SYSTEM	10	sack	15.8	1.15		1	5

5 Gal

FRESH WATER

Comment

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DH Density (ppg)	PS Pump Press (psi)	Comments
Event	1	Arrive at Location from Service Center	Arrive at Location from Service Center	3/21/2016	07:45:00	USER				ARRIVE AT LOCATION. HELD SITE ASSESSMENT AND PRE RIG UP SAFETY MEETING WITH CREW. PRIOR TO RIGGING UP EQUIPMENT, RIG CIRCULATING WITH TUBING SET AT 2515 FT. WATER TEST. TEMP 65.. PH 7 ... CHLORIDES 0...
Event	2	Start Job	Start Job	3/21/2016	08:39:30	USER	0.00	8.52	26.00	HELD PRE JOB SAFETY MEETING WITH ALL PRESENT PERSONNEL. PRIOR TO STARTING JOB.
Event	3	Test Lines	Test Lines	3/21/2016	08:45:11	USER	0.00	8.65	2086.00	PRESSURE TEST LINES TO 2000 PSI.
Event	4	Pump Spacer 1	Pump Spacer 1	3/21/2016	08:47:13	COM5	0.80	8.60	286.00	PUMP 2 BBL WATER TO ESTABLISH CIRCULATION.
Event	5	Pump Cement	Pump Cement	3/21/2016	08:58:37	COM5	0.90	15.81	425.00	PUMP 2 BBLS (10 SKS) G CEMENT MIXED AT 15.8 PPG. DENSITY VERIFIED BY SCALE.
Event	6	Pump Displacement	Pump Displacement	3/21/2016	09:00:42	COM5	1.00	11.87	331.00	BALANCE PLUG USING 3 BBLS FRESH WATER.
Event	7	Shutdown	Shutdown	3/21/2016	09:03:04	USER	0.00	3.85	62.00	SHUTDOWN WHILE RIG PULLS TUBING TO 692 FT.
Event	8	Pump Spacer 1	Pump Spacer 1	3/21/2016	09:46:54	COM5	0.00	-0.41	-1.00	PUMP 3 BBLS FRESH WATER TO ESTABLISH CIRCULATION.
Event	9	Pump Cement	Pump Cement	3/21/2016	10:00:29	COM5	2.20	15.52	773.00	PUMP 5 BBLS (25 SKS) G

HALLIBURTON

Customer: NOBLE ENERGY INC

Job: NOBLE MEYER B2-16

Case: NOBLE MEYERS B2-16

CEMENT MIXED AT 15.8
PPG.

Event	Description	Date	Time	User	Volume (PPG)	Weight (LBS)	Cost	Notes
Event 10	Pump Displacement	3/21/2016	10:03:41	COM5	1.30	15.75	668.00	DISPLACE WITH 1/2 BBL WATER TO CLEAR LINES. APPROX 1/2 BBL CEMENT TO SURFACE.
Event 11	Shutdown	3/21/2016	10:04:16	COM5	0.00	9.89	156.00	SHUTDOWN WHILE RIG TRIPS OUT OF WELL AND TAKES OFF BOP.
Event 12	Pump Cement	3/21/2016	10:45:00	USER				TOP OUT WELL WITH 2 BBLs (10 SKS) G CEMENT MIXED AT 15.8 PPG.
Event 13	End Job	3/21/2016	11:00:00	USER				HELD PRE RIG DOWN SAFETY MEETING WITH CREW PRIOR TO RIGGING DOWN EQUIPMENT.
Event 14	Depart Location	3/21/2016	11:30:00	USER				JOURNEY MGMT PRIOR TO LEAVING LOCATION.

3.0 Attachments

3.1 NOBLE MEYERS B2-16-Custom Results.png



