

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 3281644	Quote #:	Sales Order #: 901055743
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Monagham, Keving	
Well Name: Trebor	Well #: B 11-16	API/UWI #:	
Field:	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Contractor: WORKOVER		Rig/Platform Name/Num: WORKOVER WORKOVER	
Job Purpose: Recement Service			
Well Type: Development Well		Job Type: Recement Service	
Sales Person: FINK, JOHN		Srvc Supervisor: WHIPPLE, WESLEY	MBU ID Emp #: 518611

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARNES, BRIAN L	2.2	485204	MASTEL, RYAN Eugene	2.2	561732	TORREY, SPENCER Kenneth	2.2	549837
WHIPPLE, WESLEY Morgan	2.2	518611						

Equipment

HES Unit #	Distance-1 way						
11566182	39 mile	11645065	39 mile	11812069C	39 mile	12010172	39 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

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST	On Location	21 - Jan - 2014	06:00	MST
Job depth MD	442. ft	Job Depth TVD	Job Started	21 - Jan - 2014	09:50	MST
Water Depth		Wk Ht Above Floor	Job Completed	21 - Jan - 2014	10:35	MST
Perforation Depth (MD) From		To	Job Completed	21 - Jan - 2014	11:08	MST
			Departed Loc	21 - Jan - 2014	12:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/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	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 #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbf/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water			bbl	8.34	1.0	1.0	2.0	

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	Fresh Water			bbl	8.34	1.0	1.0	2.0	

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2	15.8# Neat G	HALCEM (TM) SYSTEM (452986)		sacks	15.8	1.15	5.0		5.0	
5 Gal		FRESH WATER								
Calculated Values			Pressures			Volumes				
Displacement	.5	Shut In: Instant	Lost Returns		Cement Slurry		38	Pad		
Top Of Cement		5 Min	Cement Returns	5	Actual Displacement	0.5	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:	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: WORKOVER		Rig/Platform Name/Num: WORKOVER WORKOVER	
Job Purpose: Recement Service			Ticket Amount:
Well Type: Development Well		Job Type: Recement Service	
Sales Person: FINK, JOHN		Srvc Supervisor: WHIPPLE, WESLEY	MBU ID Emp #: 518611

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/21/2014 06:00							CREW CALLED OUT BY COORDINATING OFFICE @ 0600 REQUESTED ON LOCATION AT 1000
Crew Leave Yard	01/21/2014 09:00							CREW PRE TRIPPED ALL EQUIPMENT AND HELD PRE JOURNEY SAFETY MEETING TO DISCUSS ROUTE BEING TRAVELED AND POTENTIAL HAZARDS
Arrive At Loc	01/21/2014 09:50							ARRIVED ON LOCATION AND MET WITH COMPANY REP TO DISCUSS JOB DETAILS
Rig-Up Equipment	01/21/2014 10:00							HELD PRE RIG UP SAFETY MEETING AND COMMENCED RIG UP OF ALL EQUIPMENT
Safety Meeting	01/21/2014 10:30							HELD A PRE JOB SAFETY MEETING WITH ALL HANDS ON LOCATION TO DISCUSS JOB PROCESS, PROCEDURE AND POTENTIAL HAZARDS THAT COULD OCCUR DURING CEMENTING
Start Job	01/21/2014 10:35							
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

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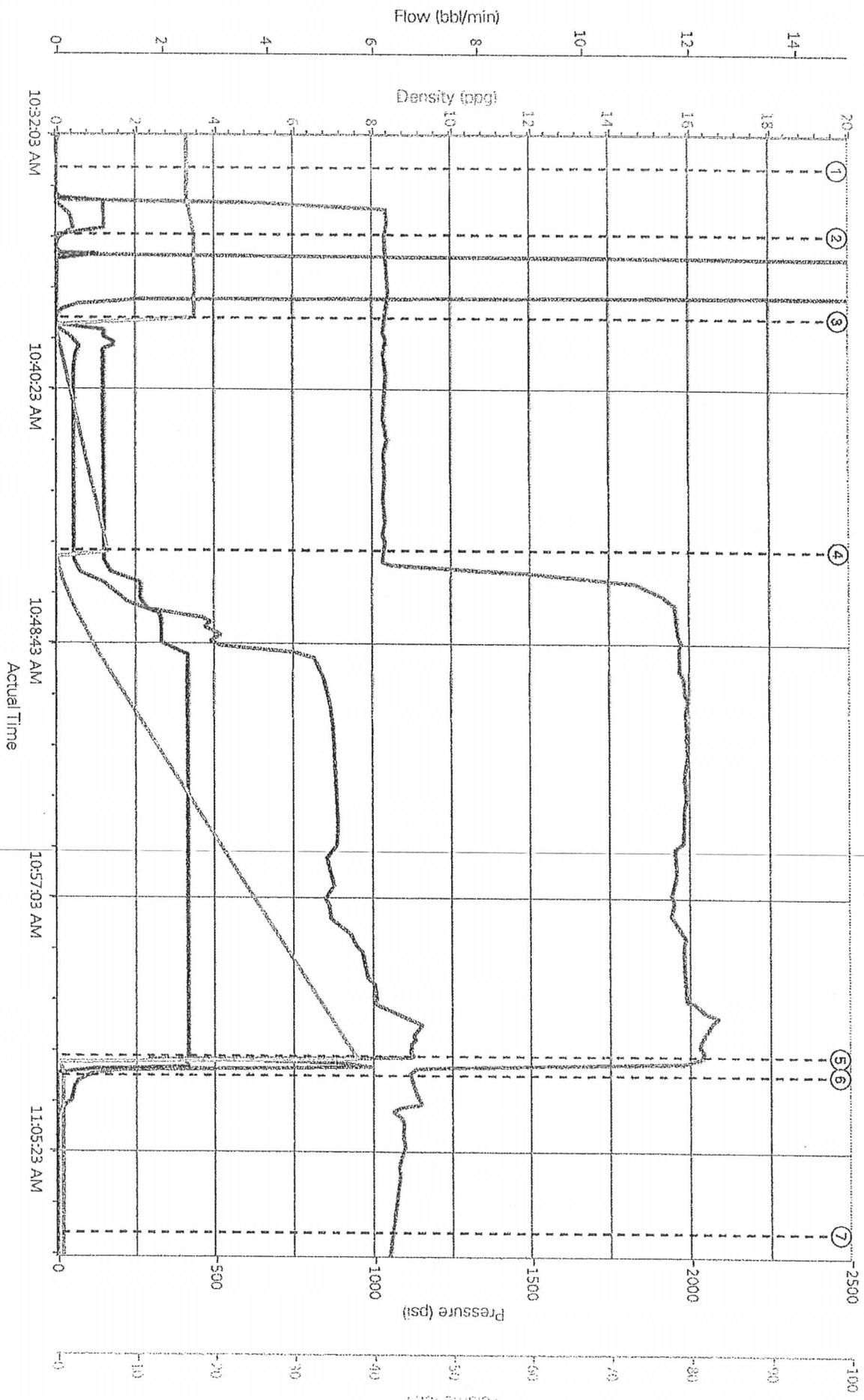
Sales Order #: 901055743

SUMMIT Version: 7.3.0109

Tuesday, January 21, 2014 11:29:00

		#		Stage	Total	Tubing	Casing	
Test Lines	01/21/2014 10:37							PRESSURE TESTED PUMPS AND LINES TO 3000, FOUND NO VISABLE LEAKS AND RESSURE HELD
Pump Spacer 1	01/21/2014 10:40		1	6.5			66.0	PUMP FRESH WATER SPACER TO BREAK CIRCULATION AND TO WEIGH UP CEMENT
Pump Cement	01/21/2014 10:47		2.5	38			880.0	MIXED AND PUMP 185 SKS OF MTN G CEMENT AT 15.8 PPG. DENSITY VERIFIED BY MUD SCALES
Pump Displacement	01/21/2014 11:02			0.5				PUMP FRESH WATER DISPLACEMENT
Shutdown	01/21/2014 11:03							
Clean Lines	01/21/2014 11:04							CLEAN PUMPS AND LINES FREE OF CEMENT
End Job	01/21/2014 11:08							COMMENCED RIG DOWN OF ALL EQUIPMENT, WET AND DRY CEMENT SAMPLES WERE LEFT ON LOCATION

NOBLETREBOR B 11-16



DH Density (ppg) PS Pump Press (psi) PS Pump Rate (bbl/min) Pump Stg Tot (bbl)

- ① Start Job 0:02:59:01:11:11
- ② Test Lines 8:33:12:01:11:11
- ③ Pump Spacer 1 8:33:40:01:11:11
- ④ Pump Cement 8:32:56:01:01:01
- ⑤ Pump Displacement 16:25:37:42:5:00:11
- ⑥ SHUTDOWN 8:59:75:00:01:01
- ⑦ End Job 8:47:12:01:01:01