



Service Order #: 70,098C

Date: 20-Dec-16

Well Name	Location	County	St	API#		
PRINCE 3-29		WELD	CO			
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	CASING	LINEAR		REWORK	203351	

Customer: NOBLE ENERGY

Remarks: CLASS G CMT, 1.15 YIELD, 15.8#

42 SKS, 8.6 BBLS CMT, 212'-0" ANNULUS  
DISPLACE 3.5 BBLS H2O  
TOC 129'

Customer Rep: E. SWAGSTRA

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	5.500	17.0	212.0	
Intermediate:				
Drill Pipe:				
Tubing:				

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	6.250	0.0	212.0	

OTHER DATA		
BHT	Max PSI	Total Depth
	222	212.0

Packer or RetainerType / Depth:

Perf Depths:	#	Total
	0	0
	0	
	0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbls)	(bbls)	
11:33	0	0.0	13.00	1,970	0.2	0.2	PSI TEST IRON
11:39	0	0.0	15.90	0	0.0	0.2	START H2O SPACER
11:40	0	1.1	15.91	13	1.0	1.2	BROKE CIRCULATION
11:41	0	2.0	15.90	67	1.9	2.1	START CMT
11:45	0	2.0	15.79	118	8.6	10.9	START DISPLACEMENT
11:47	22	0.0	14.99	25	3.5	14.4	OFFLINE
11:54	0	0.0	12.79	0	3.5	14.4	Paused 11:54:38

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.0	1.6	2,033	77

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory  
☐ Unsatisfactory

Cementer:

A.HOWELL

PRODUCTS USED

NOBLE ENERGY  
PRINCE 3-29



Job Started On: 12/20/2016 @ 11:27:41 AM