



Service Order #: 18868

Date: 23-Feb-15

Well Name	Location	County	St	API#		
MERRILL 01		WELD	CO			
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: NOBLE ENERGY

Remarks: 100SK CLASS G 15.8#, 1.15 YIELD
@ 2479'-3020'

550 SKS W/ 3% CaCl @749'

Customer Rep:

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	10.750	32.8	297.0	
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:	2.875	6.5	3,020.0	

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	6.250	297.0	3,020.0	

OTHER DATA		
BHT	Max PSI	Total Depth
	532	20.0

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)	
13:00	283	0.3	2.26	2,436	141.0	151.8	PSI TEST SURFACE LINES
13:02	0	0.1	6.88	0	0.0	0.0	START H2O SPACER
13:10	67	1.9	15.99	287	0.0	16.1	BROKE CIRCULATION START CMT
13:16	264	3.3	15.13	50	20.5	36.6	END OF 15.8# CMT
13:17	264	3.3	15.34	35	20.7	36.9	START DISPLACEMENT
13:20	0	0.2	8.96	6	12.0	49.4	END OF DISPLACEMENT
14:07	259	0.0	7.77	1,458	25.7	63.0	PSI TEST SURFACE IRON
14:08	0	0.0	7.18	12	0.0	0.0	START H2O SPACER
14:12	0	3.0	15.64	118	0.2	9.8	START 15.8# CMT
14:23	72	3.0	14.52	65	33.6	43.3	SWAT CANS
14:35	0	1.1	15.64	12	69.2	78.9	SWAP BULK TRUCKS
14:50	0	1.2	14.82	12	113.2	122.8	END OF CMT
14:50	0	1.2	14.89	12	113.3	122.9	START DISPLACEMENT
14:51	0	0.0	11.04	0	1.6	124.5	OFFLINE

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
3.3	2.2	2,436	101

Customer Acknowledgement:

Service Rating:

Cementer:

PRODUCTS USED

- ☐ Satisfactory
☐ Unsatisfactory