



Service Order #: 75194C

Date: 21-Jun-17

Well Name	Location	County	St	API#		
WASTE MNGMNT D35-11		WELD	CO	05-123-24181		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG	OIL	REWORK		

Customer: NOBLE ENERGY, INC.

Remarks: *CICR @ 2386* *CUT CSG: 1055*
 plug 1: 47.1 bbls (230 sks) / Csg: 3350 - 3121
 Ann: 3350 - 2612
 plug 2 - 30.7 bbls (150 sks) / @ 1105 - 838
 Tagged @: 650
 plug 3 - 46.8 bbls (229 sks) / @ 650 - 0

Customer Rep: KEVIN WHITTEMORE PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	845.0	
Production Casing:	4.500	11.6	7,123.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	3,250.0	

OTHER DATA		
BHT	Max PSI	Total Depth
	2,000	3,350.0

Packer or Retainer Type / Depth:

Perf Depths:	#	Total
3,350.0	4	4
	0	
	0	

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

TIME	PUMP RATES		DENSITY (lb/gl)	PRESS (psi)	STG TOT (bbls)	TOTAL (bbls)	REMARKS
	WATER (gpm)	PUMP (bpm)					
10:16	0	0.1	6.88	3,246		0.1	PSI TEST LINES
10:19	0	0.0	6.88	0		0.0	PUMP MUD FLUSH SPACER
10:27	23	1.0	10.17	1,278		10.0	END MUD FLUSH / PUMP H2O SPACER
10:31	533	1.2	15.77	220		5.1	END SPACER / MIX & PUMP CMNT @ 15.8 PPG
10:57	0	2.0	11.43	51		48.4	END CMNT / DISP CMNT WITH H2O
11:02	0	2.0	8.37	541		10.5	SHUT DOWN / RIG STING OUT / END PLUG
10:49	0	0.0	6.88	2,853		0.0	PSI TEST LINES
10:50	0	0.0	6.88	13		0.0	PUMP MUD FLUSH SPACER
10:55	22	2.0	14.31	127		10.1	END MUD FLUSH / PUMP H2O SPACER
10:58	50	2.0	15.92	139		5.0	END SPACER / MIX & PUMP CEMENT @ 15.8 PPG
11:15	0	1.1	16.34	19		32.1	END CEMENT / DISP CMNT W/H2O
11:17	448	2.1	8.38	168		2.8	SHUT DOWN / END PLUG
9:03	0	0.1	6.88	3,004		0.0	PSI TEST LINES
9:04	0	0.0	6.88	0		0.0	ESTABLISH CIRCULATION
9:08	0	2.0	6.88	100		5.1	SHUT DOWN / CIRCULATION ESTABLISHED
9:11	48	0.0	15.79	13		0.0	MIX & PUMP CEMENT @ 15.8 PPG
9:33	0	1.8	11.18	30		44.4	SHUT DOWN / CEMENT TO SURFACE
10:27	0	0.0	16.10	0		0.1	TOP OFF WELL
10:31	0	0.0	15.86	0		2.4	SHUT DOWN / END JOB

Summary

Max Fl. Rate Avg Fl. Rate Max Psi Avg Psi
 2.1 0.5 3,246 191

Customer Acknowledgement:	Service Rating:	Cementer:	PRODUCTS USED
	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	CORY THAUT	*Plug 1 & 2: EC Gas Block * Plug 3: Class G (neat)