



Service Order #: 73555

Date: 12-Mar-20

Well Name	Location	County	St	API#		
WARDELL H 18-10		WELD	CO	05-123-15859		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer:

ANADARKO

Remarks:

TEST H2O, TEMP 64.5, PH 8.4, TDS 658  
 50 SKS, 10.3 BBLS  
 TAGGED CMT 498'  
 ETOC 648' - 498'  
 TEST H2O TEMP 61.1, PH 8.0, TDS 553  
 59 SKS, 12.3 BBLS  
 ETOC 150' - SURFACE

Customer Rep: M. EDWARDS

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	648.0	
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:	2.875	8.7	648.0	

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

OTHER DATA		
BHT	Max PSI	Total Depth

Packer or RetainerType / Depth:

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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)	
10:23	0	0.0	8.15	1,089	0.1	0.1	PSI TEST
10:24	0	0.0	8.15	50	0.0	0.1	H2O SPACER
10:27	0	0.6	8.16	50	4.9	5.1	GOT CIRCULATION / OFF LINE / BATCH UP
10:30	47	0.0	15.88	50	0.0	5.1	START CMT
10:35	0	2.3	10.28	115	10.4	15.5	END CMT / START DISPLACEMENT
10:36	0	0.0	10.07	45	2.0	17.9	OFF LINE
8:37	0	0.1	8.21	2,191	0.1	0.1	PSI TEST
8:38	0	0.0	8.20	12	0.0	0.1	H2O SPACER
8:43	44	0.8	15.88	12	4.4	4.6	GOT CIRCULATION / START CMT
8:50	0	0.0	15.70	17	12.3	17.6	CMT TO SURFACE / OFF LINE

### Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.3	0.8	2,191	71

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory  
☐ Unsatisfactory

Cementer:

BOHLEN

### PRODUCTS USED

1ST PLUG, G CMT, 1.15 YIELD, 15.8 LBS/GAL  
 4.99 GAL/SKS 2ND PLUG, G CMT W/2% CaCL  
 1.18 YIELD, 15.8 LBS/GAL, 5.0 GAL/SKS

# ANADARKO

WARDELL H 18-10

