



CEMENT REPORT - PAGE 1

Service Order #: 73187

Date: 28-Sep-18

Well Name	Location	County	St	API#		
HERTZKE N 01-11		WELD	CO	05-123-26618		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: NOBLE ENERGY

Remarks: TEST WATER PH LEVEL 7.8, TEMP 59.7 F
SAFETY MEETING
30 SKS, 8.1 BBLS
CASING 7097' - 6575'
45 SKS, 9.2 BBLS
CASING 2600' - 2007'

Customer Rep: C. JONES

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	4.500	11.6	7,097.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	7,097.0	

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 (lb/gal)	PRESS (psi)	STG TOT (bbls)	TOTAL (bbls)	REMARKS
	WATER (gpm)	PUMP (bpm)					
10:51	0	0.1	6.88	2,893	0.1	0.1	PSI TEST
10:53	1	0.0	6.88	24	0.0	0.0	H2O SPACER
10:55	48	0.7	15.75	55	0.9	0.9	END SPACER / START CMT
11:00	0	2.0	16.29	48	8.1	9.0	END CMT / START DISPLACEMENT
11:12	0	0.0	6.88	18	24.7	34.4	OFF LINE
13:07	0	0.0	0.00	0	0.0	0.0	H2O SPACER
13:09	0	0.4	16.11	24	1.9	1.9	ENS SPACER / START CMT
13:14	0	2.0	15.80	24	9.2	11.1	END CMT / START DISPLACEMENT
13:23	0	2.0	16.07	24	7.5	29.6	OFF LINE
13:24	0	0.0	16.05	24	0.0	32.1	ANNOTATION
13:24	164	0.0	15.73	24	0.0	32.1	Paused 13:24:54

Summary

HERTZKE N01-11	
Project / Lease Name 425660729	
AFE / RC Number	
P&A	247036
Task	Acct Code
Kevin Monaghan	
Oracle 1st Approver	
codyjones	
Approved By	
09/28/2018	
Date	

Max Psi 2,893 Avg Psi 60

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

S. BOHLEN

PRODUCTS USED

THERMAL BLEND, 1.53 YEILD, 15.8 LBS/GAL
CLASS G CMT, 1.15 YEILD, 15.8 LBS/GAL



Service Order #: 74079

Date: 01-Oct-18

Well Name	Location	County	St	API#		
HERTZKE N01-11		WELD	CO			
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: NOBLE ENERGY

Remarks: CLASS G CEMENT, 1.15 YIELD, 15.8 LBS/GAL
415 SKS, 85 BBLS
1150' - 0' (SURFACE)

Customer Rep: CODY JONES

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	506.0	
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	1,150.0	

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	9.000			

OTHER DATA		
BHT	Max PSI	Total Depth
	450	1,150.0

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/gl)	(psi)	(bbls)	(bbls)	
12:17	0	0.0	6.88	2,816	0.7	0.7	PSI TEST
12:18	0	0.3	6.88	18	0.0	0.0	MUDFLUSH
12:25	0	1.8	15.86	110	10.0	10.0	H2O SPACER
12:27	0	2.0	15.71	112	5.0	15.0	CEMENT
13:09	0	0.0	15.88	6	79.5	94.5	CEMENT TO SURFACE
13:14	0	0.0	15.41	6	0.5	95.0	Paused 13:14:18

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.0	1.9	2,865	95

HERTZKE N01-11

Project / Lease Name
425660729

AFE / RC Number

P&A
Task

247036
Acct Code

Kevin Monaghan
Oracle 1st Approver

codyjones
Approved By

10/01/2018
Date

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

RAFAEL GARCIA

PRODUCTS USED

WATER TEST: 8.1 PH, 445 PPM, 15. 4° C TEMP.