



Service Order #: 74006

Date: 18-Jun-18

Well Name	Location	County	St	API#
LAMP H 26-08		WELD	CO	

Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: NOBLE ENERGY

Remarks: THERMAL BLEND, 1.53 YIELD, 15.8 LBS/GAL
20 SKS, 5.4 BBLS
6848' - 6400'
CLASS G CMT 1.15 YIELD, 15.8 LBS/GAL
55 SKS, 11.3 BBLS
4700' - 3970'

Customer Rep: CODY

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	4.500	11.6	6,848.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	6,848.0	

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

OTHER DATA		
BHT	Max PSI	Total Depth
	380	6,848.0

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)	(bbbls)	(bbbls)	
11:10	0	0.1	6.88	2,685		244.2	PSI TEST
11:20	0	1.1	15.80	0		9.6	END OF SPACER START CMT
11:23	0	2.0	16.16	64		15.0	END OF CMT START DISPLACEMENT
11:35	5	0.9	6.90	0		40.0	OFF LINE
12:35	0	0.4	6.88	6		0.0	START SPACET
12:41	0	2.1	15.62	374		6.0	END OF SPACER START CMT
12:47	3	2.1	15.80	64		17.6	END OF CMT START DISPLACEMENT
12:54	0	0.0	6.88	19		32.6	OFF LINE
13:02	0	0.0	6.88	12		32.6	Paused 13:02:45

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.1	4.9	2,685	38

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

R. GARCIA

PRODUCTS USED



Service Order #: 74007

Date: 19-Jun-18

Well Name	Location	County	St	API#
LAMP H26-08		WELD	CO	

Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: NOBLE ENERGY

Remarks: CLASS G CMT, 1.15 YIELD, 15.8 LBS/GALS
165 SKS, 33.8 BBLS
RETAINTER 2400' - 2270'
OH ANNULUS 2500' - 2884'

Customer Rep:

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	4.500	11.6	2,500.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	2,400.0	

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

OTHER DATA		
BHT	Max PSI	Total Depth
	1,280	2,500.0

Packer or RetainerType / Depth:

Perf Depths:	#	Total
2,500.0	0	0
	0	
	0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbbls)	(bbbls)	
10:15	141	0.1	6.88	3,138		48.1	PSI TEST
10:16	0	0.5	6.88	0		0.0	START MUD FLUSH
10:23	0	1.5	6.88	950		10.0	END OF MUD FLUSH START H2O SPACER
10:27	48	1.5	15.53	694		15.1	END OF H2O SPACER START CMT
10:43	0	2.1	14.92	52		48.9	END OF CMT START DISPLACEMENT
10:47	0	0.7	11.00	261		56.5	OFF LINE
10:52	177	0.0	11.37	0		56.5	PAUSED 10:52:03

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.1	1.8	3,138	406

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

PRODUCTS USED



Service Order #: 74009

Date: 21-Jun-18

Well Name	Location	County	St	API#		
LAMP H26-08		WELD	CO			
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: NOBLE ENERGY

Remarks: CLASS G CMT, 1.15 YIELD, 15.8 LBS/GAL
341 SKS, 70 BBLS
956' - 0'

Customer Rep: CODY

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	700.0	
Production Casing:	4.500	11.6	956.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7		

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	9.000	700.0	900.0	

OTHER DATA		
BHT	Max PSI	Total Depth
	670	956.0

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/gl)	(psi)	(bbls)	(bbls)	
9:52	19	0.1	6.88	0		98.8	Paused 09:52:36-10:14:31
10:15	0	0.0	6.88	2,743		98.9	PSI TEST
10:16	0	0.5	6.88	0		0.0	MUD FLUSH
10:22	0	2.0	12.78	116		10.0	END OF MUD FLUSH START H2O SPACER
10:24	0	2.1	15.78	111		15.1	END OF H2O PACER START CMT
10:58	0	1.4	15.43	95		83.2	CMT TO SURFACE
11:05	0	0.0	15.03	0		83.2	Paused 11:05:39

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.1	2.4	2,743	96

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

R. GARCIA

PRODUCTS USED