



Service Order #: 73002

Date: 28-Jul-17

Well Name	Location	County	St	API#		
LILLY UNIT 16-12		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 YEILD, 15.8 LBS/GAL
 30 SKS, 6 BBLS, CASING 5609'-5226'
 155 SKS, 32 BBLS, BELOW RETAINER
 10 SKS, 2 BBLS ABOVE RETAINER
 2500'-1989' ANNULUS
 2500'-2180' CASING
 166 SKS, 34 BBLS 807'-0'

Customer Rep: STEWART PH:

WELLBORE DATA

Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	210.0	
Production Casing:	4.500	10.5	5,609.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	5,605.0	

OTHER DATA

BHT	Max PSI	Total Depth
	3,324	5,609.0

Packer or Retainer Type / Depth:

RETAINER	2,400.0
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Perf Depths:	#	Total
2,500.0	0	0
	0	
	0	

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

TIME	PUMP RATES		DENSITY (lb/gl)	PRESS (psi)	STG TOT (bbbls)	TOTAL (bbbls)	REMARKS
	WATER (gpm)	PUMP (bpm)					
21:58	0	0.3	6.88	2,246	0.2	0.2	PSI TEST
22:00	0	0.5	6.88	13	0.0	0.0	H2O SPACER
22:06	52	3.8	14.95	151	0.0	20.5	CMT
22:40	0	0.0	15.33	115	135.2	155.8	OFF LINE
22:42	312	0.0	6.89	109	135.2	155.8	LAUNCH PLUG
22:43	308	0.0	6.88	85	0.0	155.8	DISPLACEMENT
22:59	0	0.1	9.22	404	61.9	217.8	OFF LINE
23:00	0	0.0	9.21	393	61.9	217.8	SHUT IN

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
3.8	3.8	2,246	213

Customer Acknowledgement:	Service Rating:	Cementer:	PRODUCTS USED
	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	S. BOHLEN	