



Service Order #: 70,109C

Date: 22-Feb-17

Well Name	Location	County	St	API#		
BASHOR STATE AA16-10		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#/GAL
23 SKS, 4.7 BBLS, @ 2500'-2197'
10 BBLS MUD FLUSH
131 SKS, 26.8 BBLS, @1600'-1300' ANNULUS
@1501-1372' CASING
10 BBLS MUD FLUSH
330 SKS, 67.5 BBLS- 804'-0'

Customer Rep:

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	604.0	
Production Casing:	4.500	11.6	2,500.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	2,500.0	

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	10.000	604.0	804.0	

OTHER DATA		
BHT	Max PSI	Total Depth

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)	(bbls)	(bbls)	
9:08	0	0.0	6.88	2,416	0.2	0.2	PSI TEST
9:10	0	0.0	8.04	12	0.0	0.0	H2O SPACER
9:11	0	0.0	8.30	6	1.2	1.2	BROKE CIRCULATION
9:16	0	0.4	15.99	19	0.0	1.2	START CMT
9:19	0	2.0	15.67	42	4.8	6.0	START DISPLACEMENT
9:24	0	0.0	10.59	0	8.0	8.0	OFFLINE
9:05	0	0.0	8.43	2,634	0.2	0.2	PSI TEST IRON
9:06	0	0.0	8.35	6	0.0	0.0	H2O SPACER
9:09	0	2.0	8.38	24	6.0	6.0	START MUD FLUSH
9:14	0	2.0	15.79	188	10.1	10.1	H2O SPACER
9:18	423	2.0	15.70	197	5.1	5.1	START CMT
9:32	50	2.0	15.70	36	26.7	26.7	START DISPLACE
9:36	0	0.2	15.15	12	4.2	4.2	OFFLINE
10:03	0	0.8	11.51	0	5.3	5.3	Paused 10:03:08-15:50:27
16:09	0	0.0	6.87	0	0.0	0.0	MUD FLUSH
16:13	0	3.6	14.05	284	9.8	9.8	END MUD FLUSH START H2O SPACER
16:15	0	2.1	15.99	26	5.4	16.3	END H2O SPACER START CMT
16:38	0	0.0	15.99	6	66.5	66.5	CMT TO TANK OFFLINE

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
3.6	0.7	2,797	144

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

K.LESLEY

PRODUCTS USED