

Schlumberger

Dowell

Client : J. R. Dorr
 Well : Diverse Federal # 1
 Formation : Ramsey Sand
 District : ARTESIA
 Country : U.S.A.
 Loadcase : Untitled

#	Time	Message	Treating Pressure (psi)	Annulus Pressure (psi)	Total Slurry (bbl)	Slurry Rate (bbl/min)	Prop. Conc. (PPA)
13	19:57:41	Stage at Perfs: 2.0 PPA					
14	20:02:05	Started 2.0 PPA Automatically	1090	449	167.7	3.6	2.1
15	20:06:27	Stage at Perfs: 2.0 PPA	1076	458	180.6	2.9	2.0
16	20:10:19	Activated Extend Stage	1012	467	193.7	3.0	1.5
17	20:20:00	Deactivated Extend Stage	1067	499	204.2	2.5	2.0
18	20:20:00	Started Flush Manually	993	494	223.5	1.1	1.2
19	20:32:59	Activated Extend Stage	993	494	223.5	1.1	1.2
20	20:33:37	Stage at Perfs: Flush	1451	490	233.6	3.9	0.1
21	20:51:56	Stopped Pumping Prop	2055	508	236.6	5.7	0.0
22	20:51:56	Stopped Pumping	-27	69	245.2	0.0	3.7
			-27	69	245.2	0.0	3.7

Section 4: Designed Pump Schedule Ramp

Designed Pump Schedule Ramp									
Stg #	Stage Name	Slurry Volume (bbl)	Pump Rate (bbl/min)	Pump Time (min)	Fluid Name	Fluid Volume (gal)	Prop Name	Prop Conc (PPA)	Prop Mass (lb)
1.	Pad	45.0	5.0	9.0	YFGOIII	1890		0.0	0
2.	Pad	47.6	5.0	9.5	YFGOIII	2000		0.0	0
3.	1.0 PPA	49.8	5.0	10.0	YFGOIII	2000	20/40 Jordan	1.0	2000
4.	2.0 PPA	26.0	5.0	5.2	YFGOIII	1000	20/40 Jordan	2.0	2000
5.	2.0 PPA	26.0	5.0	5.2	YFGOIII	1000	16/30 Brady	2.0	2000
6.	Flush	13.0	5.0	2.6	YFGOIII	545		0.0	0

Designed Ramp Totals			
Slurry (bbl)	Pump Time (min)	Clean Fluid (gal)	Proppant (lb)
207.3	41.5	8435	6000