

Schlumberger

Dowell

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

Section 1: As Measured Pump Schedule

As Measured Pump Schedule										
Stg #	Stage Name	Slurry Volume (bbl)	Slurry Rate (bbl/min)	Pump Time (min)	Fluid Name	Fluid Volume (gal)	Proppant Name	Max Prop Conc (PPA)	Prop Conc (PPA)	Prop Mass (lb)
1	Pad	45.0	2.1	21.1	YFGOIII	1888	None	0.0	0.0	0
2	Pad	51.6	4.2	12.4	YFGOIII	2169	None	0.0	0.0	0
3	1.0 PPA	58.1	0.2	274.2	YFGOIII	2357	20/40 Jordan	2.5	0.8	1812
4	2.0 PPA	26.0	3.3	7.9	YFGOIII	1002	20/40 Jordan	2.6	2.0	1978
5	2.0 PPA	42.9	2.4	17.9	YFGOIII	1652	16/30 Brady	3.4	2.0	3309
6	Flush	21.7	0.7	31.9	YFGOIII	923	None	4.1	0.0	24

As Measured Totals					
Slurry (bbl)	Pump Time (min)	Clean Fluid (gal)	Proppant (lb)	Liquid 1 (gal)	Liquid 2 (gal)
245.2	365.4	9991	7123	0.0	0.0

Average Treating Pressure: 483 psi
 Maximum Treating Pressure: 6477 psi
 Average Injection Rate: 0.7 bbl/min
 Maximum Injection Rate: 6.0 bbl/min
 Maximum Horsepower: 363.7 hhp
 Maximum Prop Concentration: 4.1 PPA

Section 2: Material Balance

Material Name	Quantity Pumped
Water	9991 gal
J221	0.0 gal
YFGOIII	9991 gal
20/40 Jordan	3790 lb
16/30 Brady	3333 lb

Section 3: Message Log

#	Time	Message	Treating Pressure (psi)	Annulus Pressure (psi)	Total Slurry (bbl)	Slurry Rate (bbl/min)	Prop. Conc. (PPA)
1	14:46:32	Started Pad	37	-82	0.0	2.3	0.0
2	14:51:21	Stage at Perfs: Pad	55	-64	13.0	3.1	0.0
3	15:07:38	Started Pad Automatically	1465	426	45.0	5.4	0.0
4	15:10:04	Stage at Perfs: Pad	1282	421	58.1	5.4	0.0
5	15:18:37	Activated Extend Stage	1309	348	91.8	3.5	0.0
6	15:20:00	Deactivated Extend Stage	1117	352	96.6	3.5	0.0
7	15:20:00	Started 1.0 PPA Manually	1117	352	96.6	3.5	0.0
8	15:20:00	Started Pumping Prop	1117	352	96.6	3.5	0.0
9	15:23:59	Stage at Perfs: 1.0 PPA	1126	334	109.6	2.8	2.4
10	15:47:04	Activated Extend Stage	916	275	145.9	2.6	0.0
11	19:54:10	Deactivated Extend Stage	1250	430	154.7	4.0	0.6
12	19:54:10	Started 2.0 PPA Manually	1250	430	154.7	4.0	0.6