Arbuckle Gelled Polymer Treatments - Treatment Data

Oil Company	Field	Well Name	Treating Company	Treatment Date	Pre-polymer acid gals	Total Vol. Polymer bbls	Polymer pumped (ppm) @ 3000 bbls	3500 bbls	4000 bbls	4500 bbls	5000 bbls	5500 bbls	6000 bbls	6500 bbls	7000 bbls	7500 bbls	8000 bbls	8500 (MW) bbl	9000 (MW) bb	9500 bbls	10000 bbls	Water flush crslnk bbls	Oil flush bbls	Water flush crslnk bbls	Max treating press psig	Approx. Avg. treating press psig	**Polymer pumped on vacuum bbls**	Max injection rate bpd	Approx. Avg. injection rate bpd
Murfin (MV)	Bemis-Shutts	Jorgensen #4	TIORCO	8/6-9/01	250	3805		897	1251		1254		403										80		102	55	**2205 (58%)**	1162	1080
		Peavey A-6	TIORCO	8/10-13/01	250	3806		897	1251		1254		404										80		446	increasing	**2433 (64%)**	1178	1050
		Hadley BC #10	TIORCO	8/14-18/01	250	3806		897	1251		1254		404										80		0	0	**all**	1235	1110
new well, water shut-off →		Hadley L #4	Gel-Tec	8/11/2002	????	590			101			290					190					144			250	175	**240 (41%)**	1675	1300
		Jorgensen #1	TIORCO	10/14-18/02	500	3985		1997			1482			506								100			0	0	**all**	1080	1080
		Hadley A #3	TIORCO	10/19-23/02	?	3985		1997			1482			506								100			0	0	**all**	1080	1080
		Hadley BC #3	TIORCO	11/6-10/02	500	4006		1996			1482			528								100			0	0	**all**	1080	1080
		Hadley BC #3 Retr	TIORCO	1/23/2003	none	399							143				142				114		60		160	100	**none**	1080	1080
		Carmichael #1	Gel-Tec	11/22-23/02	250																								
	Trapp	Eichman A 25	Gel-Tec	10/18-19/02	250	731			421			310										100			400	increasing	**?**	?	?
	Geneseo-Edw	Fuller 11-28	Gel-Tec	10/21-22/02	?	660			173			487										100			484	increasing	**?**	?	?
Murfin	Bemis-Shutts	Johnson B #3A	TIORCO	8/2-3/01	250	1621		118	1001		502	job terminated, lost electricity → 0											80		51	0	**1578 (97%)**	1103	1025
		Johnson B-6	Gel-Tec	12/4-5/01	250	1505			500			1005										10	80		0	0	**all**	1440	1420
		Johnson B-13	Gel-Tec	12/6-7/01	1000	1263			503			760										10	80		300	increasing	**625 (49%)**	1788	1400
		Glathart #1	Gel-Tec	12/8-9/01	250	1007			250			757										12	80		200	190	**none**	1500	1375
	Marcotte	Sutor A #3	Gel-Tec	12/10-11/01	250	1266			501			765										10	80		320	increasing	**47 (3.7%)**	1557	1390
	Star Northwes	Conell 3-35	Gel-Tec	10/24-25/02	500	1290			799			491										100			336	increasing	**?**	?	?
	Rooks	Honomichl #2	TIORCO	12/17-18/02																									