

Nearburg Producing Company

Comet 22 Federal #1

660 FSL and 330 FWL, Sec 22-16S-28E

330 FSL and 330 FWL, Sec 22-16S-28E

Crow Flats; Wolfcamp

Eddy County, New Mexico

ISO-PAK @ following depths: 6712, 6982, 7495, 8012, 8519, 8878, 9314, 9711, 10103, 10497

Strata-Ports @ following depths: 9887, 7234, 7753, 8259, 8695, 9093, 9490, 9882, 10318

06/29/09 RU Stinger csg saver isolation tool on 5k frac valve on wellhead. MIRU Superior frac pumps & equipment. Had Fas-Line pumps ready to transfer water to work tanks while pumping frac job. Had Superior prime their lines to wellhead pumping out bleed-off to TRM transport. Pressure test lines to 8700#. Bled dn pressure. Had Superior frac dn 5 1/2" csg through Stinger Stage isolation tool w/ (2) 4" lines from pumps. Have a 4" tee inline w/ (2) 4" ball valves stacked for Peak Completions to drop balls with to slide the Strata-Port sleeves open to frac each stage. Well opened w/ 0# pressure. Start pumping 50 Bbls 20# Linear gell wtr dn csg to load & pressure csg to 4400# to shear pins on pump out plug. The following is a breakdown of 10 stage frac as pumped:

STAGE 1	Stage		Csg	
	(Bbls)	Rate (BPM)	Pressure	Description
	120	25	5591#	15% gelled Acid
	518	51	5467#	20# x-link Pad
	241	51	6678#	.25 30/50 White sand Slug
	249	51	7060#	20# x-link Pad
	439	51	7096#	.50# 30/50 White sand (10,000#)
	481	51	7007#	.75# 30/50 White sand (15,000#)
	713	51	6999#	1.0# 30/50 White sand (30,000#)
	507	51	7079#	1.25# 20/40 White sand (25,000#)
	511	51	7130#	1.50# 20/40 White sand (30,000#)
	307	51	7183#	20# Linear Gel Flush

When proppant cleared surface lines on last sand stage, slow rate & dropped 1.75" frac ball to seat in Strata-Port to shift sleeve open for newer interval.

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	Stage (Bbls)	Rate (BPM)	Csg Pressure	Description
STAGE 2	67	30	5278#	15% gelled Acid
	500	58	6012#	20# x-link Pad
	306	58	7125#	.25 30/50 White sand Slug
	254	56	7200#	20# x-link Pad
	480	54	7190#	.50# 30/50 White sand (10,000#)
	476	54	7173#	.75# 30/50 White sand (15,000#)
	707	54	7213#	1.0# 30/50 White sand (30,000#)
	512	54	7129#	1.25# 20/40 White sand (25,000#)
	520	54	7245#	1.50# 20/40 White sand (30,000#)
	245	54	7267#	20# Linear Gel Flush

When proppant cleared surface lines on last sand stage, slow rate & dropped 2.00" frac ball to seat in Strata-Port to shift sleeve open for newer interval.

	Stage (Bbls)	Rate (BPM)	Csg Pressure	Description
06/29/09				
STAGE 3	177	35	6011#	15% gelled Acid
	500	65	6908#	20# x-link Pad
	313	66	6957#	.25 30/50 White sand Slug
	300	66	7000#	20# x-link Pad
	466	66	7035#	.50# 30/50 White sand (10,000#)
	482	66	7027#	.75# 30/50 White sand (15,000#)
	744	66	7039#	1.0# 30/50 White sand (30,000#)
	489	66	7004#	1.25# 20/40 White sand (25,000#)
	517	66	7045#	1.50# 20/40 White sand (30,000#)
	254	66	4996#	20# Linear Gel Flush

When proppant cleared surface lines on last sand stage, slow rate & dropped 2.25" frac ball to seat in Strata-Port to shift sleeve open for newer interval.

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	Stage		Csg	
	(Bbls)	Rate (BPM)	Pressure	Description
STAGE 4	175	32	4413#	15% gelled Acid
	533	67	6705#	20# x-link Pad
	257	67	6879#	.25 30/50 White sand Slug
	300	67	6650#	20# x-link Pad
	253	66	6699#	.50# 30/50 White sand (10,000#)
	430	66	6646#	.75# 30/50 White sand (15,000#)
	452	66	6601#	1.0# 30/50 White sand (30,000#)
	765	66	6492#	1.25# 20/40 White sand (25,000#)
	506	66	6444#	1.50# 20/40 White sand (30,000#)
	241	67	6557#	20# Linear Gel Flush

When proppant cleared surface lines on last sand stage, slow rate & dropped 2.50" frac ball to seat in Strata-Port to shift sleeve open for newer interval.

	Stage		Csg	
	(Bbls)	Rate (BPM)	Pressure	Description
STAGE 5	70	31	4512#	15% gelled Acid
	525	67	5141#	20# x-link Pad
	333	67	6528#	.25 30/50 White sand Slug
	239	67	6499#	20# x-link Pad
	500	67	6477#	.50# 30/50 White sand (10,000#)
	475	67	6401#	.75# 30/50 White sand (15,000#)
	762	67	6305#	1.0# 30/50 White sand (30,000#)
	508	67	6264#	1.25# 20/40 White sand (25,000#)
	538	67	6160#	1.50# 20/40 White sand (30,000#)
	226	67	6017#	20# Linear Gel Flush

When proppant cleared surface lines on last sand stage, slow rate & dropped 2.75" frac ball to seat in Strata-Port to shift sleeve open for newer interval.

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06/29/09	Stage	Rate (BPM)	Csg	Description
	(Bbls)		Pressure	
STAGE 6	67	32	4498#	15% gelled Acid
	518	66	4851#	20# x-link Pad
	280	65	6111#	.25 30/50 White sand Slug
	269	68	6273#	20# x-link Pad
	453	68	6287#	.50# 30/50 White sand (10,000#)
	465	68	6200#	.75# 30/50 White sand (15,000#)
	709	68	6140#	1.0# 30/50 White sand (30,000#)
	511	68	6105#	1.25# 20/40 White sand (25,000#)
	547	68	6023#	1.50# 20/40 White sand (30,000#)
	221	68	6000#	20# Linear Gel Flush

When proppant cleared surface lines on last sand stage, slow rate & dropped 3.00" frac ball to seat in Strata-Port to shift sleeve open for newer interval.

	Stage	Rate (BPM)	Csg	Description
	(Bbls)		Pressure	
STAGE 7	57	31	4430#	15% gelled Acid
	510	68	6287#	20# x-link Pad
	280	68	6331#	.25 30/50 White sand Slug
	249	68	6563#	20# x-link Pad
	457	68	6544#	.50# 30/50 White sand (10,000#)
	475	68	6393#	.75# 30/50 White sand (15,000#)
	726	68	6302#	1.0# 30/50 White sand (30,000#)
	502	68	6122#	1.25# 20/40 White sand (21,000#)

Had to shut down due to washed out 1" valve in Superior's frac manifold. Replaced 1" valve. Flushed sand to btm. Finish pumping 1.25# sand stage.

160	66	6231#	20# x-link Pad
87	67	6254#	1.25# 20/40 White sand (4,000#)
526	67	6197#	1.50# 20/40 White sand (30,000#)
274	70	6495#	20# Linear Gel Flush

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STAGE 8	Stage	Rate (BPM)	Csg	Description
	(Bbls)		Pressure	
	50	30	3244#	15% gelled Acid
	486	66	6878#	20# x-link Pad
	309	66	6909#	.25 30/50 White sand Slug
	255	66	6701#	20# x-link Pad
	458	66	6351#	.50# 30/50 White sand (10,000#)
	487	66	6345#	.75# 30/50 White sand (15,000#)
	739	66	5963#	1.0# 30/50 White sand (30,000#)
	501	66	5789#	1.25# 20/40 White sand (25,000#)
	514	66	5781#	1.50# 20/40 White sand (30,000#)
	119	66	5874#	20# Linear Gel Flush

When proppant cleared surface lines on last sand stage, slow rate & dropped 3.50" frac ball to seat in Strata-Port to shift sleeve open for newer interval.

06/29/09 STAGE 9	Stage	Rate (BPM)	Csg	Description
	(Bbls)		Pressure	
	122	66	4355#	15% gelled Acid
	541	66	5608#	20# x-link Pad
	297	66	5588#	.25 30/50 White sand Slug
	262	66	5587#	20# x-link Pad
	489	66	5526#	.50# 30/50 White sand (10,000#)
	511	66	5650#	.75# 30/50 White sand (15,000#)
	676	66	5512#	1.0# 30/50 White sand (30,000#)
	497	66	5661#	1.25# 20/40 White sand (25,000#)
	515	66	5481#	1.50# 20/40 White sand (30,000#)
	152	66	4978#	20# Linear Gel Flush

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	Stage (Bbls)	Rate (BPM)	Csg Pressure	Description
STAGE 10	258	30	3455#	15% gelled Acid
	484	65	4811#	20# x-link Pad
	295	65	5143#	.25 30/50 White sand Slug
	345	65	5343#	20# x-link Pad
	559	65	5153#	.50# 30/50 White sand (10,000#)
	549	65	5191#	.75# 30/50 White sand (15,000#)
	245	65	5137#	1.0# 30/50 White sand (30,000#)
	545	65	5120#	1.50# 20/40 White sand (25,000#)
	514	65	5112#	2.00# 20/40 White sand (30,000#)
	148	65	4945#	20# Linear Gel Flush

SD pumps. ISDP- 4250#. Did not get 5 min, 10 min or 15 min pressures. Had to leave Stinger stung into well overnight (pressure too high to unsting). Pumped 41,000 gals (976 Bbls) 15% gelled Acid, 93,954 gals (2237 Bbls) 20# Linear Gell, 1,578,562 gals (37,585 Bbls) 20# X-Link. Pumped 575,620# 30/50 Ottawa White sand and 551,040# 20/40 Ottawa White sand. Have 39,528 Bbls load to recover. Treating pressures: MAX- 7267#, AVG- 6470#. Injection Rates: MAX- 67 bpm, MIN- 5 bpm, AVG- 55 bpm. SI well. SDFN. Will RDMO Superior frac pumps tomorrow. Will RU Pro to start flowing well back after Superior moves equipment. Current Operation: Flow well back after frac.