

**Final WBD**

45 Stages

STG	Top Perf	BTM Perf	Guns
40	9,607	9,781	8
41	9,397	9,572	8
42	9,188	9,363	8
43	8,979	9,153	8
44	8,769	8,944	8
45	8,560	8,734	8

<u>Well Info</u>		<u>Surface Location</u>	
Reagan, TX	API #:	60' FEL	1,632' FSL
Wolfcamp	AFE #: 168011	Latitude: 31.20505° N	
GL: 2,904'	RKB: 27'	Longitude: 101.636044° W	
<u>Completion Notes</u>		<u>Wellbore Details</u>	
Casing Test: 8,500		Marker Jt #1 (MD Top): 7794'	
Sleeve Shift: 4,800 psi		Marker Jt #2 (MD Top): 8476'	
Max Frac Pressure: 7,927 psi		Marker Jt #3 (MD Top): 11646'	
		Marker Jt #4 (MD Top): 14816'	
		Marker Jt #5 (MD Top): 17807'	
<u>Casing Details</u>			
Production Casing: 5-1/2", 17 ppf, HCP-110, LTC			
Surface Casing 2: 9-5/8" 40# J-55 LTC,			
Surf Csg 1: 9-5/8" 36# J-55 LTC,			
Production Casing: Surface		Packer @ 8,170'	
Surface Casing TOC: Surface		EOT @ 8,180'	
		Each Stage: 8 3-1/8" X 1' Guns @ 6 spf	
		.52 RDX 60 degree phasing (48 total shots)	

STG	Top Perf	BTM Perf	Guns	STG	Top Perf	BTM Perf	Guns	STG	Top Perf	BTM Perf	Guns
27	12,329	12,504	8	14	15,051	15,226	8	1	17,774	17,948	8
28	12,120	12,294	8	15	14,842	15,016	8	2	17,564	17,739	8
29	11,910	12,085	8	16	14,633	14,807	8	3	17,355	17,529	8
30	11,701	11,875	8	17	14,423	14,598	8	4	17,145	17,320	8
31	11,492	11,666	8	18	14,214	14,388	8	5	16,936	17,110	8
32	11,282	11,457	8	19	14,004	14,179	8	6	16,727	16,901	8
33	11,073	11,247	8	20	13,795	13,969	8	7	16,517	16,692	8
34	10,863	11,038	8	21	13,586	13,760	8	8	16,308	16,482	8
35	10,654	10,828	8	22	13,376	13,551	8	9	16,098	16,273	8
36	10,444	10,619	8	23	13,167	13,341	8	10	15,889	16,063	8
37	10,235	10,410	8	24	12,957	13,132	8	11	15,680	15,854	8
38	10,026	10,200	8	25	12,748	12,922	8	12	15,470	15,645	8
39	9,816	9,991	8	26	12,539	12,713	8	13	15,261	15,435	8

KOP: 7,794'	5-1/2", 17 ppf, HCP-110, LTC @ 18,074'	Toe Sleeve: 17,968'	PBTD: 18,014'
85° @ 8,525'	Avg. TVD: 8,022'	Effective Lateral Length: 9,423'	85° to PBTD: 9,489'
			TD: 18,074'