

Yates Petroleum Corporation
Thunderhead TD State Com #2
API 30-005-63209
Section 32 T8S R26E
Chaves County, NM

26. Perforation Record (interval, size and number)

Mississippian	7068-7076'	18 holes	.41" holes
Morrow	6770-6790'	120 holes	.41" holes
Penn	6350-6356'	14 holes	.41" holes
	6370-6383'	28 holes	.41" holes
	6396-6406'	22 holes	.41" holes
	6664-6670'	14 holes	.41" holes
	6072-6082'	22 holes	.41" holes
	6088-6098'	22 holes	.41" holes
Wolfcamp	5356-5370'	30 holes	.41" holes
	5630-5644'	30 holes	.41" holes
	5662-5670'	18 holes	.41" holes
	5674-5688'	30 holes	.41" holes
	5258-5274'	34 holes	.41" holes
Abo	4556-4559'	4 holes	.41" holes
	4561-4565'	5 holes	.41" holes
	4620-4622'	3 holes	.41" holes
	4687-4691'	5 holes	.41" holes
	4701-4703'	3 holes	.41" holes

27. Acid, shot, fracture, cement, squeeze, etc.

Depth Interval Amount and kind material used

Morrow	6770-6790'	Acidize with 2000 gals 7.5% Morrow acid containing 25% Methanol with 1000 SCF N2 per bbl.
Mississippian	6446-6556'	Acidize with 750 gals 20% IC HCL
Penn	6350-6406'	Acidize with 3000 gals 7.5% IC HCL + ball sealers
	6664-6670'	Acidize with 600 gals 7.5% + ball sealers
	6072-6098'	Acidize with 950 gals 7.5% IC HCL + ball sealers
Wolfcamp	5356-5370'	Acidize with 1500 gals 20% IC HCL + ball sealers
	5630-5688'	Acidize with 3600 gals 20% IC HCL + ball sealers
	5258-5274'	Acidize with 1500 gals 15% IC HCL + ball sealers
Abo	4556-4703'	Frac with 144,556 gals 65Q foam + 240,000# 16/30 Brady sand. Pressured out with 96,880# sand in formation.