

Yates Petroleum Corporation
Aviette ALK State Com #2
API 30-015-31003
Section 17 T21S R27E
Eddy County, NM

26. Perforation Record (interval, size and number)

Morrow	11,594-11,598'	16 holes	.42" holes
	11,484-11,488'	20 holes	.41" holes
	11,492-11,495'	20 holes	.41" holes
	11,508-11,512'	20 holes	.41" holes
	11,448-11,451'	24 holes	.41" holes
	11,306-11,309'	24 holes	.42" holes
	11,328-11,330'	18 holes	.42" holes
	11,334-11,336'	18 holes	.42" holes
	11,359-11,361'	18 holes	.42" holes
	11,392-11,398'	42 holes	.42" holes
	11,410-11,414'	30 holes	.42" holes
	11,190-11,210'	21 holes	.42" holes
Strawn	10,332-10,336'	5 holes	.42" holes
	10,342-10,346'	5 holes	.42" holes
	10,386-10,389'	4 holes	.42" holes
	10,397-10,403'	7 holes	.42" holes
	10,417-10,422'	6 holes	.42" holes
	10,433-10,440'	8 holes	.42" holes
	10,220-10,223'	18 holes	.42" holes

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

Depth Interval	Amount and kind material used
11,594-11,598'	Acidize with 1500 gals 7.5% Morrow acid + 1000 SCF N2 per bbl.
11,594-11,598'	Cement Squeeze – Retainer set at 11,570'. Cement with 100 sxs Class H + fluid loss additive, squeeze to 2400 psi.
11,484-11,512'	Acidize with 11,000 gals 7.5% Morrow acid + 1000 SCF N2 per bbl.
11,484-11,512'	Cement Squeeze – Retainer set at 11,470'. Cement with 150 sxs Class H + 4% fluid loss additive and 100 sxs Class H. Squeeze to 2100 psi.
11,448-11,451'	Spot 3 bbls 7.5% Morrow acid, pump 10,000 SCF N2 pad, then acidize with 1000 gals 7.5% Morrow acid + 1000 SCF N2 per bbl.
11,306-11,414'	Spot 6 bbls 7.5% Morrow acid. Acidize with 2500 gals 7.5% Morrow acid + 1000 SCF N2 per bbl.
11,190-11,210'	Spot 6 bbls 15% IC HCL. Acidize with 2000 gals 15% IC HCL + 1000 SCF N2 per bbl.
10,332-10,440'	Spot 3 bbls 15% IC HCL. Acidize with 3500 gals 15% IC HCL.
10,220-10,223'	Acidize with 1000 gals 7.5% Morrow acid.