

Yates Petroleum Corporation
Dragonfly ARX State #1
API 30-005-62566
Section 30 T9S R27E
Chaves County, NM

26. Perforation Record (interval, size and number)

Penn	5875-5884'	54 holes	.42" holes
	5966-5976'	60 holes	.42" holes

Wolfcamp	5520-5528'	9 holes	.42" holes
	5534-5540'	7 holes	.42" holes
	5550-5570'	21 holes	.42" holes
	5582-5602'	21 holes	.42" holes
	5614-5638'	25 holes	.42" holes
	5648-5668'	21 holes	.42" holes

Abo	4892-4901'	20 holes	.42" holes
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Perforations shot to cement casing:

5030'	4 holes	.42" holes
4850'	4 holes	.42" holes

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

Depth Interval	Amount and kind material used
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Penn:

5875-5884'	1000 gals 7.5% IC HCL
5966-5976'	1000 gals 7.5% IC HCL

Wolfcamp:

5520-5668'	3000 gals 20% IC HCL
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Abo:

4892-4901'	1000 gals 7.5% IC HCL. 2000 gals 7.5% IC HCL pumped ahead of frac. Frac with 82,000 gals 25Q CO2 foamed 7% gelled KCL and 120,000# 16/30 Brady sand
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Ordovician:

5999-6026'	Cement squeeze – retainer set at 5986'. Cement with 100 sxs H + .4% FL. Squeeze to 2600 psi.
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5030'	Cement squeeze – retainer set at 5010'. Cement with 100 sxs H + .4% FL and 100 sxs H neat. Squeeze to 3000 psi.
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4850'	Cement squeeze – retainer set at 4830'. Cement with 100 sxs H + .4% FL and 200 sxs H neat. Squeeze to 2400 psi.
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