

Yates Petroleum Corporation
Econo AWE Federal #1
API - 30-015-31547
Section 15 T21S R21E
Eddy County, New Mexico

31. PERFORATION RECORD (*Interval, size and number*)

Chester	7850-7900'	26 holes	.42"
Morrow	7695-7710'	64 holes	.42"
Atoka	7342-7370'	116 holes	.42"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
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Chester	7850-7900'	500 gals 15% IC HCL
Morrow	7695-7710'	1250 gals 7.5% Morrow acid + 1000 SCF N2 per bbl + ball sealers
Atoka	7342-7370'	1250 gals 7.5% DI IC HCL + ball sealers Frac with 78,927 gals 70Q CO2 foamed WF135 with 75,000# 20/40 AcFrac sand