

Form 3160-4 Lines 31 & 32 Attachment

Crystal Federal #2
API#30-015-31807
Section 4 T24S-R26E
Eddy County, New Mexico

PERFORATION RECORD/ACID , SHOT, FRACTURE, CMT, SQUEEZE, ETC.

Spot 100 gal 10% acetic acid across proposed perforations.

11,666'-76', 84'-94'	82 holes	1,000 gal 7 ½% NEFe HCl containing 1,000 SCF/bbl Fracture stimulate well w/ 31,240# 20/40 interprop proppant carried in a 70Q binary foam system. CIBP @ 11,636' w/ 35' cmt on top.
11,384'-400'	64 holes	1 bbl of 7 ½% acid ahead of 10,000 SCF N ₂ pad followed by 1,000 gal 7 ½% NEFe HCl w/ 10% methanol adding 1,000 SCF/bbl N ₂ .