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Empire Abo Unit #D-42
Workover Procedure

4. WL set a CIBP at 6265' and perforate the Empire Abo w/2 JSPF from 6241' to 6247'. Correlate to Schlumberger LL/GR/N log dated 8/18/60. Note fluctuation in fluid level after perforating. If well goes on a vacuum proceed with swab testing prior to performing the acid job.
5. TIH with treating packer and 2-3/8" SN on 2-3/8" tubing to 6247'. Spot 100 gal acid across perforations and pull packer up hole to ±6250'. Reverse 5 bbls water up tubing and set packer.
6. Pressure annulus to 500 psi and acidize the Empire Abo perforations with 750 gal 15% NEFE HCL acid at 1-2 BPM. Flush to the bottom perforation with produced water. Maximum wellhead treating pressure 1000 psi.
7. SWI for 30 minutes and swab test.

If the well is productive continue with step 9.

If the well is not productive continue with step 8.
8. WL set a CIBP at 6235' and perforate the Empire Abo from 6216 - 6222 w/2 JSPF. Spot acid and acidize as necessary with 750 gal of 15% NEFE HCL acid at 1-2 BPM with a 1000 psi maximum wellhead treating pressure. SI for 30 minutes and swab test.
9. POH with tubing and packer. TIH with completion assembly as per production department specifications. TOTPS.

NOTES: a. There should be enough surplus 2-3/8" tubing in the Empire Abo Unit yard to equip this well.
b. Be sure to notify the State office when rigging up and prior to performing any plug back operations.

MBS
KDIK
