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Empire Abo Unit #F-36
Workover Procedure

- 6. Pressure annulus to 500 psi and acidize the Empire Abo perforations with 800 gal of 15% NBFE HCL acid at 1-3 BPM. Flush to the bottom perforation with produced water. Maximum wellhead treating pressure should be 1000 psi.
- 7. SWI for 30 minutes and swab test.

If the well is productive continue with step 10.

If the well is not productive continue with step 8.

8. WL set a CIBP at 6175' and perforate the Empire Abo from 6156' to 6164' w/2 JSPF. Spot acid and acidize as necessary with 800 gal of 15% NEFE HCL acid at 1-3 BPM with a 1000 psi maximum wellhead treating pressure. SI for 30 minutes and swab test.

If the well is productive continue with step 10.

If the well is not productive continue with step 9.

- 9. WL set a CIBP at 6110' and perforate the Empire Abo from 6050' to 6056' and from 6060' to 6062' w/2 JSPF. Spot acid and acidize as necessary with 800 gal of 15% NEFE HCL acid at 1-3 BPM with a 1000 psi maximum wellhead treating pressure. SI for 30 minutes and swab test.
- 10. POH with tubing and packer. TIH with completion assembly as per production department specifications. TOTPS.

NOTE: Be sure to notify the State when rigging up and prior to performing any plug back operations.

MBS