

ABO CHALK BLUFF DRAW UNIT, WELL #19, HUMBLE OIL & REFINING COMPANY.

RECEIVED
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O. C. C.
ARTERIA, OFFICE

Perforated 4½" csg 5910-5922' w/2 jet shots per ft. Acidized perms 5910-5922' w/2000 gals 15% acid with avg inj rate of 4.2 BPM. Swbd 3 hrs, rec 25 bbls acid wtr. On 10 hr swab test, rec 16 bbls acid wtr. Swbd 11 hrs, rec 11 bbls wtr with slight show oil. Swbd dry. Shut well in for 4 days. Pulled 2" tbg. Perf 4½" csg 5850-5878' w/2 shots per ft. Ran tbg & pkr. Displaced wtr in hole with acid. Treated perforations 5910-5922' & 5850-5878' w/15,000 gals 15% low tension non-emulsion acid with avg inj rate of 9.4 BPM. Swbd 11 hrs, rec 14 bbls load & acid wtr - no show oil or gas. On 9 hr swb test, rec 30 bbls load & acid wtr. Swbd dry. Well shut in 2 days. Swbd 4 hrs, rec 25 bbls load & acid wtr. Swbd well to 5800' - no show. Pld tbg & shut well in. Ran tbg & set Halliburton DC squeeze tool at 5830'. Squeezed perms 5910-5922' & 5850-5878' w/100 sx reg neat cmt. Reversed out 30 sx. Pld tbg out of hole. Perf 4½" csg 5740-5750', 5776-5786 & 5792-5806' w/2 shots per ft. Ran tbg w/pkr set at 5606'. Swbd dry. Acidized perms w/4000 gals low tension acid with avg inj rate of 5.5 BPM. Opened well - flowed back 20 bbls acid wtr & swbd 10 bbls acid wtr. On 11 hr swb test, rec 60 bbls acid wtr w/show oil. On 9 hr swb test, rec 29 bbls acid wtr w/trace oil. Swbd 20 hrs, rec 89 bbls acid wtr. On 11 hr swb test, rec 1 bbl & 28 bbls wtr. Well shut in. Perf 4½" csg 5670-80' w/2 shots per ft. Pld tbg. Ran tbg w/Baker full bore cementer set at 5716'. Spotted 2000 gals acid above pkr. Pmpd acid into perforations. Had 4 bbls acid in formation & established communication between perforations. Swbd 3 hrs, rec 33 bbls load & acid wtr. On 12 hr swb test rec 41 bbls wtr. Swbd dry. On 10 hr swb test, rec 27 bbls wtr. Lowered 2" tbg to 5700' & spotted 1000 gals Dowell Jel X-830 over perms 5740-5750, 5756-5786 & 5792-5806 with gradual pressure buildup. Plg tbg out of hole & shut in well. Ran tbg w/Halliburton drillable cmt retainer set at 5645'. Squeezed perms 5670-80, 5740-50, 5774-5786, 5792-5804 w/200 sx slo-set neat cmt. Reversed out 5 sx. Pld tbg. Perf 4½" csg 5670-5680'. Ran tbg in hole with pkr at 5572'. Swbd well dry. Acidized 5670-5680' w/2000 gals low surface tension acid, avg inj rate 3.5 BPM. Swbd 28 bbls acid wtr. On 9 hr swb test, rec 70 bbls fluid, 3 BO & 67 bbls water. Swbd 9 hrs, rec 10 bbls oil & 10 bbls water. Swbd dry. On 8 hr swb test, rec 7 bbls oil & 13 bbls wtr. Swbd 9 hrs, rec 6 bbls oil & 13 bbls wtr. Swbd dry. Acidized 5670-5680' w/4000 gals non-emulsion low surface tension acid, avg inj rate 6.4 BPM. Swbd 1 hr, rec 42 bbls acid wtr. Well started flowing, flowed 22 bbls oil & 21 bbls acid water in 5 hrs. Shut well in. Opened well, flowed 1 hr & died. Swbd dry, kicked off & flowed 1 hr. Swbg, rec 30 bbls oil & 37 bbls acid wtr. On 22 hr flow test, rec 108 bbls PLO on 1/4" choke with TP 340. Testing. Final tubing setting at 5574'. On 17 hr potential test, rec 75 bbls oil, 7/10% BS&W on 14/64" choke. Completed as flowing oil well thru perms 5670-5680'.