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- 11. Ran Ellenburger tubing, pump and rods.
- 12. Ran Drinkard pump and rods.
- 13. Released unit.
- 14. Started well pumping, well failed, respaced and set pump.
- 15. Put well to pumping.
- 16. Moved in company unit, pulled rods and pump.
- 17. Reran rods and pump, placed well to pumping.
- 18. On pumping test for 13 days.
- 19. Moved in contract unit, pulled rods and pump, installed Baker hold down on pump, ran same and started well pumping test.
- 20. Pressure tested casing and Baker Holddown with 1200# water pressure for 15 minutes - OK. Pulled rods and pump, replaced pump with a ratio compound pump, ran same and started well pumping. Released unit.
- 21. Move in contract unit, pulled rods and pump, ran Western Co. radioactive tracer survey. Survey indicated fluid to be moving outside the casing and down the casing taking water on a vacuum. No fluid moving by the bridge plug at 6045.
- 22. Rig up Halliburton and squeeze perforation 5897 through 6032 with 75 sacks regular cement with 1% Halad 9. Squeeze job failed, waited 6 hours, repeated cement squeeze job using same amounts. Job failed again, attempted to pump more cement in, but drill pipe plugged up, replaced plugged drill pipe and set a squeeze tool back into retainer. Squeezed perforations 5897 through 6032 with 50 sacks regular cement with 1% Halad 9. Job 0K. (measurement by wire line)
- 23. Pulled rods out of Ellenburger.
- 24. Swabbed Drinkard dry.
- 25. Western Co. put 15 barrels acetic adid in 2-7/8" casing (Drinkard).
- 26. Moved in contract unit, reversed acid out of casing, drilled cement from 6016 to 6044. Test squeeze job OK. Swabbed dry, put acetic acid back in hole, released unit.
- 27. Perforated 2-7/8" casing at 5897,5901,5907,5913,5921,5928,5932,5955,5976,6014, 6017 and 6032 with one jet shot per depth.
- 28. Loaded casing with lease crude, pressured up and formation took the acid.
- 29. Moved in contract unit. Swabbed well dry.
- 30. Western Co. treated with 15,000 gallons 15% NE acid with one ball sealer per 1000 gallons acid, used 15 ball sealers. Average injection rate of 3.5 BPM, maximum pressure 3300#, minimum pressure 1200#.
- 31. Swabbed well, recovering load oil and acid.
- 32. Recovered all load oil. Testing.

33. Ran rods and pump in both Ellenburger and Drinkard, started well pumping, didn't pump properly, pulled pump & holddown, replaced both, started well pumping.

34. Completed as a pumping oil well.

Supplemental Page to workover on New Mexico State BM (Drinkard) Well #2.