

HARRIS & HARRIS  
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Attempted to abandon Ellenburger and recomplete as McKee  
Dually completed as Drinkard Oil and Blinbry Gas as follows:

1. Ran 2-3/8" tubing with cement retainer at 7900'. Squeeze cemented with 150 sacks cement. Pulled tubing.
2. Perforated 7" casing from 7560-7610', 7635-7700' with 4, 1/2" jet holes per foot. Ran 2-3/8" tubing set at 7699'. Spotted 750 gallons 15% mud acid on perforations in 7" casing from 7560-7700', squeezed in formation. Swabbed.
3. Pulled 2-3/8" tubing. Ran 2-3/8" tubing with cement retainer at 6600'. Squeeze cemented with 90 sacks cement. Maximum Pressure 4000#. Pulled tubing.
4. Perforated 7" casing from 6465-6510' with 4, 1/2" jet holes per foot. Ran 2-3/8" tubing with 7" hookwall packer at 6400'. Spotted 500 gallons mud acid on perforations in 7" casing from 6465-6510', squeezed into formation. Swabbed and well kicked off.
5. Treated formation thru perforations in 7" casing from 6465-6510' with 4000 gallons 15% NE acid. Swabbed and well kicked off.
6. Pulled tubing and packer. Set Baker Model "D" production packer on wire line at 6400'. Ran 209 joints 2-3/8" tubing with GOT circulating valve in closed position at 6569' and GOT circulating valve in closed position at 6363'. Tested tubing and casing with 2500#, OK. Released from packer and tested casing and packer with 2500#, OK.
7. Pulled tubing. Perforated 7" casing from 5500-5590' with 2, 1/2" jet holes per foot. Ran 2-3/8" tubing and engaged receptacle at 6390'. Spotted 500 gallons mud acid on perforations in 7" casing from 5500-5590'. Treated formation thru perforations in 7" casing from 5500-5590' with 8000 gallons 15% NE acid. Swabbed and well kicked off.
8. Pulled tubing. Ran Gamma Ray neutron. Perforated 7" casing from 5400-5410', 5444-5456', 5474-5481', 5606-5632', 5664-5680', 5698-5742' with 2, 1/2" jet holes per foot. Ran 2-7/8" tubing with bridge plug at 5772' and parent packer at 5597'. Spotted 500 gallons mud acid on perforations from 5606-5742' and squeezed into formation. Set bridge plug at 5490' and parent packer at 5377'. Spotted 500 gallons mud acid on perforations from 5400-5481' and squeezed into formation. Swabbed.
9. Treated formation thru perforations in 7" casing from 5400-5472' with 5000 gallons refined oil with 1# SPG. Pumped 500# crushed mothballs in 5 bbls oil. Treated formation with 5000 gallons refined oil with 1# SPG. Pumped 200# crushed mothballs in 5 bbls oil. Treated formation with 5000 gallons refined oil with 1# SPG. Pumped 600# crushed mothballs in 5 bbls oil. Treated formation with 5000 gallons refined oil with 1# SPG. Pumped 800# crushed mothballs in 5 bbls oil. Treated formation with 5000 gallons refined oil with 1# SPG.
10. Pulled tubing, bridge plug and parent packer. Ran 2-3/8" tubing with circulating(lower) valve closed and upper circulating valve closed. Swabbed and well kicked off.
11. Closed circulating valve at 6363' and opened circulating valve at 6581'. Drinkard Oil flowed thru 2-3/8" tubing and Blinbry Gas flowed thru 7" casing.

