

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bank Bldg, Wichita, Kansas.

SHARON DRILLING CO., INC.  
Orth No. 1

SEC. 5 T. 14 R. 19 W  
CEL NE NE

Total Depth. 3962 equals 3954 SLM  
Comm. 3-15-42 Comp. 4-14-42  
Shot or Treated.  
Contractor.  
Issued. 4-25-42

County Ellis.



CASING.

10" 151' cemented.  
5 1/2" 3954' cemented.

Elevation

Production. DRY.

Figures Indicate Bottom of Formations.

|                               |            |                                                      |
|-------------------------------|------------|------------------------------------------------------|
| lime and shale                | 95         | Oolitic porous zone oil stained (3742-47) Corr.      |
| sand                          | 135        | Oolitic porous zone oil stained (3757-80) Corr.      |
| lime and shale                | 230        | Base Kansas City lime 3829                           |
| shale                         | 575        | Top Marmaton chert and lime 3856                     |
| sand                          | 805        | Top Conglomerate shale and chert 3877                |
| sand and shale                | 885        | Top Arbuckle 3904                                    |
| shale                         | 920        | Drill stem test corrected measurements 3752-3775     |
| sand                          | 970        | Open 15 Min, recovered 50 ft of rot. mud.            |
| sand and shale                | 1245       | Drill stem test corrected measurements 3909-3954     |
| shale and shells              | 1545       | Recovered 150' of rotary mud in 15 min.              |
| anhydrite                     | 1590       | 5 1/2" casing 3954 cemented on bottom.               |
| shale and red rock            | 1725       | In Arbuckle (perforated 6 shots 3900-05)             |
| shale and shells              | 2170       | (no fluid                                            |
| lime and shale                | 2475       | (Perforated 6 shots 3905-08                          |
| lime                          | 2500       | (last four shots shooting in fluid.                  |
| lime and shale                | 2565       | (Good kick back on gun oil & water                   |
| sticky shale                  | 2610       | 2500 feet of fluid in 1 hour                         |
| shale                         | 2700       | 2820 feet of fluid in 1 3/4 hr.                      |
| lime and shale                | 2770       | Total Fillup 2820 feet fluid at end of 5 hours.      |
| lime                          | 2900       | Approx. 200' of fluid was cut oil and rest           |
| shale                         | 2995       | Arbuckle water.                                      |
| shale and lime                | 3202       | Dowell Chemicals analyzed water definitely to        |
| lime                          | 3220       | be Arbuckle water.                                   |
| lime and shale                | 3375       | Set Lane Wells Plug at 3800                          |
| shale                         | 3382       | Bailed hole dry.                                     |
| lime                          | 3490       | Perforated Lansing (Perforated 5 shots 3740-3744)    |
| lime soft                     | 3500       | Perforated 7 shots 3744-3747 1/2. Kick back of tan   |
| lime                          | 3570       | oolitic stained lime in shot holes no fluid.         |
| shale                         | 3581       | Got no fillup of oil or water. Let set several       |
| lime                          | 3765       | hours. Perforated 12 shots 3755-3762. Got kick       |
| lime soft                     | 3788       | back of mud, porous lime and trace of oil.           |
| lime                          | 3885       | Tested 2 1/2 bailers of muddy water and trace of oil |
| broken lime                   | 3891       | per hour. Perforated 12 shots 3762-66. No            |
| lime                          | 3901- 3910 | increase in fluid. Bailed 2 1/2 bailers fluid per    |
| lime chert                    | 3912       | hour. 500 acid through casing chased with water.     |
| dolomite                      | 3962       | Swabbed down and swabbed 63 1/6 bbls fluid in        |
| Correction 3962= 3954 T.D.SLM |            | 7 hours (27 1/2 bbls of water and 36 bbls of oil)    |
| This correction goes back     |            | Continued Swabbing for 18 hours.                     |
| to 3163                       |            |                                                      |
| GEOLOGICAL TOPS CORRECTED     |            | Average test on last 13 hours (3.4 BW & 1.85 BOPH)   |
| Anhydrite                     | 1545       | Gravity 29 corrected after being treated with        |
| Ft. Riley                     | 2405       | chemicals.                                           |
| white lime (Dodge)            | 3540-3554  |                                                      |
| Top Lansing                   | 3573       |                                                      |