

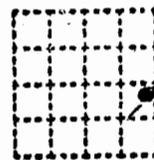
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk Bldg., Wichita, Kansas

YUMA OIL CO.  
Otto Eulert No. 1.

SEC. 33 T. 11 R. 15 W  
NEc SE

Total Depth. 3310'  
Comm. 7-4-43 Comp. 9-12-43  
Shot or Treated.  
Contractor. Saco Oil Co.  
Issued. 10-2-43

County. Russell



CASING:  
15 1/2" 390' R & P 8 1/4" 2075' Elevation.  
12 1/2" 553' R & P UR 2660' R&P  
10" 873' R & P 7" 3217' R & P Production. Dry  
Figures Indicate Bottom of Formations.

|                |      |                |      |                  |           |                 |
|----------------|------|----------------|------|------------------|-----------|-----------------|
| soil           | 10   | shale lgt      | 1760 | shale blue       | 2687      | Oil showings:   |
| lime           | 30   | lime           | 1770 | lime             | 2700      | sm sh 2917-22   |
| shale dk       | 165  | shale lgt      | 1775 | shale blue       | 2705      | Dodge           |
| shale lgt      | 200  | lime sdy       | 1810 | lime             | 2762      | oil stain &     |
| shale pink     | 220  | lime dk        | 1845 | shale            | 2765      | rainbow show    |
| redrock        | 275  | shale          | 1855 | lime             | 2805      | 3166-70         |
| shale lgt      | 310  | red rock       | 1862 | shale lgt        | 2810      | smell oil 3285- |
| sand-wtr       | 325  | lime hd        | 1882 | lime             | 2820      | 3303            |
| shale blue     | 335  | shale & shls   | 1895 | shale lgt        | 2830      |                 |
| red rock       | 343  | lime           | 1910 | lime             | 2870      |                 |
| sand           | 348  | shale lgt      | 1915 | lime sft         | 2880      |                 |
| slate blue     | 367  | lime hd        | 1925 | lime sdy         | 2895      |                 |
| lime sdy       | 375  | shale lgt      | 1950 | shale lgt -      |           |                 |
| shale blue     | 380  | lime brkn      | 1978 | Top Dodge        | 2917      |                 |
| lime sdy       | 390  | red rock &     |      | lime             | 2938      |                 |
| Meas.Corr. 374 |      | lime shells    | 2000 | red rock -       |           |                 |
| lime sdy       | 385  | lime sdy       | 2025 | Top K.C.Lime     | 2950      |                 |
| shale blue     | 400  | red rock       | 2065 | lime             | 3063      |                 |
| shale & sand   | 418  | lime cvg -     | 2097 | lime hd          | 3123      |                 |
| sand wtr       | 453  | shale gy       | 2105 | red rock cvg -   | 3125      |                 |
| shale blue     | 460  | lime cvg -     | 2110 | shale blue       | 3129      |                 |
| shale blk      | 478  | red rock       | 2130 | lime             | 3153      |                 |
| sand           | 498  | shale blue     | 2135 | shale            | 3157      |                 |
| iron           | 510  | slate & shls   | 2190 | shale blue       | 3163      |                 |
| iron-sand      | 520  | lime           | 2205 | lime             | 3203      |                 |
| lime sdy cvg - | 530  | lime shls      | 2235 | shale dk         | 3217      |                 |
| slate-iron     | 535  | lime dk        | 2245 | lime             | 3229      |                 |
| sand           | 545  | shale lgt      | 2260 | shale red & blue |           |                 |
| red rock       | 700  | lime           | 2270 | cvg -            | 3235      |                 |
| sand red       | 740  | shale &        |      | shale blue       | 3245      |                 |
| red rock       | 860  | sand - cvg     | 2285 | lime             | 3259      |                 |
| anhydrite      | 873  | salt & shls    | 2300 | shale gy         | 3263      |                 |
| lime           | 900  | salt & shls -  |      | lime             | 3266      |                 |
| red rock       | 1000 | cvg            | 2315 | lime cherty -    |           |                 |
| shale blue     | 1045 | shale blue     | 2320 | Top Arbuckle     | 3285      |                 |
| red rock       | 1130 | lime           | 2332 | lime, stained    | 3298      |                 |
| slate blue     | 1150 | shale blue     | 2360 | lime - wtr       | 3306      |                 |
| slate & shls   | 1200 | lime           | 2375 | lime             | 3310      |                 |
| shale & salt   | 1280 | shale dk       | 2382 | Total Depth.     |           |                 |
| salt           | 1470 | red rock       | 2388 |                  |           |                 |
| salt & shls    | 1490 | sand           | 2405 | Wtr Record:      |           |                 |
| lime           | 1500 | shale blue-cvg | 2433 | wtr              | 20        |                 |
| shale          | 1505 | lime           | 2445 | more wtr         | 343       |                 |
| lime           | 1515 | shale blue     | 2455 | HFW              | 440       |                 |
| shale          | 1520 | lime           | 2460 | 6 BWPH           | 700-40    |                 |
| lime           | 1545 | shale blk-cvg  | 2492 | 8 BWPH           | 873       |                 |
| shale gy       | 1535 | lime           | 2523 | HFW              | 2388-98   |                 |
| lime           | 1545 | shale blue     | 2530 | 2 BWPH           | 2347      |                 |
| shale gy       | 1555 | lime           | 2545 | 4 BWPH           | 2492      |                 |
| lime           | 1580 | shale lgt      | 2570 | 2 BWPH           | 2510      |                 |
| shale lgt      | 1590 | shale - cvg    | 2600 | 2 BWPH           | 2600-05   |                 |
| shale pink     | 1610 | sand           | 2605 | 4 BWPH           | 2665      |                 |
| lime           | 1640 | shale          | 2620 | 1/2 BWPH         | 2870-80   |                 |
| red rock       | 1658 | shale blk      | 2622 | 1 1/2 BWPH       | 3042-78   |                 |
| lime brkn      | 1670 | lime med       | 2632 | 2 BWPH           | 3298-3303 |                 |
| lime           | 1680 | shale & shls   | 2645 | 7 BWPH           | 3303-06   |                 |
| lime brkn      | 1700 | lime           | 2665 |                  |           |                 |
| red rock       | 1705 | shale cvg-     | 2673 |                  |           |                 |
| shale blue     | 1758 | lime           | 2685 |                  |           |                 |