

SACO OIL COMPANY WELL LOG

Comm 7-7-36 Comp 9-14-36
Shot Qts. From ft. To ft.
Acidized Gal.
Prod. Formation
Initial Prod.
Elevation

| | | | | |
|---------------|----------------------|--------|----------|--------|
| Lease | Horton | | Well No. | 1 |
| Loc | NW 1/4 NE | Sec 30 | Twp 19 | Rge 8 |
| County | Rice | | State | Kansas |
| Contractor | The Saco Oil Company | | | |
| Casing Record | | | | |
| Size | Ft. | Pulled | Remarks | |
| 20" | 104' 7" | | | |
| 12 1/2" | 785' 9" | | | |
| 8 1/2" | 2791' 10" | | | |
| 6 5/8" | 3293' | | | |

FIGURES INDICATE BOTTOM OF FORMATION

| | | | | | |
|---------------------|------|----------------------------|-----------|------------------------|-----------|
| clay | 40 | shale blue | 1510 | lime | 2722 |
| sand | 45 | li e | 1540 | shale | 2725 |
| clay | 50 | shale | 1550 | lime | 2735 |
| yellow soft clay | 60 | lime | 1565 | red rock | 2738 |
| yellow sandy clay | 80 | red rock | 1575 | shale | 2745 |
| yellow clay | 110 | lime | 1580 | broken sandy lime | 2780 |
| red mud | 145 | shale | 1585 | broken lime | 2803 |
| red sand | 160 | lime | 1605 | shale | 2807 |
| red sand shale | 215 | shale shells | 1630 | slate shells | 2835 |
| red rock | 225 | lime shells & shale | 1665 | shells & shale | 2845 |
| sand | 230 | red rock | 1670 | shells & shalo | 2895 |
| red rock | 300 | lime hard | 1695 | lime | 2935 |
| sand | 315 | lime | 1705 | shale | 2940 |
| red rock | 370 | blue shale | 1712 | lime | 3020 |
| blue shale | 380 | lime | 1730 | shale | 3025 |
| red rock | 390 | shale & shells | 1750 | lime | 3121 |
| lime | 395 | lime | 1765 | gray shale | 3125 |
| red rock | 400 | blue shale | 1770 | lime | 3164 |
| lime shell & red | | lime | 1790 | red rock | 3165 |
| rock | 410 | red rock | 1795 | broken lime | 3176 |
| blue shale | 430 | lime hard | 1815 | Correct measurement to | 3190 |
| red rock | 445 | lime shale soft | 1825 | red rock | 3200 |
| lime shell | 450 | lime hard | 1830 | shale & shells | 3230 |
| red rock | 525 | shale | 1837 | shale | 3250 |
| blue shale | 540 | lime | 1880 | gray shale | 3280 |
| red rock | 670 | lime hard | 1905 | blue shale | 3285 |
| blue shale | 680 | shale | 1915 | shale | 3287 |
| red rock | 685 | lime hard | 1925 | Correct measurement to | 3293 |
| blue shale | 740 | blue shale | 1940 | broken lime | 3300 |
| lime | 743 | lime | 1960 | lime | 3365 |
| blue shale | 750 | shale | 1965 | brown lime | 3385 |
| shale & shells | 810 | GAS | 1965-1975 | shale green | 3387 |
| salt | 1045 | snad | 1975 | water sand | 3395 |
| shale & lime shell | 1065 | lime | 2010 | sand | 3408 |
| gray shale | 1080 | shale | 2025 | willcox sand | 3428 |
| shale | 1100 | black shale | 2030 | shale | 3437 |
| lime | 1105 | blue shale | 2033 | lime, top silious | 3470 |
| shale & shells | 1130 | dark shale | 2040 | total depth | 3475 |
| lime | 1145 | blue shale | 2095 | FILE SEC 3019 R 2W | |
| shale | 1155 | gray shale | 2100 | WATER RECORD | |
| lime | 1165 | lime | 2130 | BOOK PAGE 61 LINE 43 | |
| slate & shells | 1170 | blue shale | 2140 | HPW | 40-45 |
| lime | 1185 | shale | 2175 | 1 BWP | 180-190 |
| shale & shells | 1200 | lime | 2190 | 2 BWP | 225-230 |
| brown shale | 1220 | shale | 2195 | 4 BWP | 300-315 |
| lime | 1250 | lime hard | 2220 | 1 BWP | 1430 |
| shale 1 | 1255 | lime | 2235 | 1 BWP | 1455-1460 |
| red rock | 1260 | dark shale | 2245 | Water | 1965-1970 |
| shale & lime shells | 1290 | redrock | 2255 | Little water | 2155-2160 |
| sandy lime | 1305 | lime | 2260 | 1 BWP | 2390-2310 |
| shale gray | 1320 | shale | 2270 | 4 BWP | 2555-2570 |
| red rock | 1330 | lime | 2285 | 2 BWP | 2675-2685 |
| lime | 1375 | sandy lime | 2314 | 700' W | 2800 |
| shale light | 1380 | dark shale | 2320 | 1 BWP | 3090-3100 |
| lime | 1410 | shale | 2330 | HPW | 3365-3395 |
| lime sandy | 1465 | lime | 2396 | | |
| lime | 1470 | blue shale | 2425 | OIL AND GAS SHOW | |
| shale | 1475 | lime | 2545 | | |
| lime | 1500 | sandy lime | 2585 | Gas | 1965-1975 |

Top Silious 3470
Depth **BLUGG** 3475
FILE SEC. 30119-R8W
RECORD
BOOK PAGE 61 LINE 43