

W-2-2 of Wolf A
 52-52-27 4-15-178
 Ellis County, Kansas.

WILLIAM TIER LOG

W. VERNON HESS
 PETROLEUM GEOLOGIST
 336 SOUTH BLUFF
 WICHITA, KANSAS

| DEPTH | MINUTES | DEPTH | MINUTES |
|-----------|---------------------|-----------|-------------------------|
| 5070-5080 | 1-1-1-1-1-1-1-1-1 | 5540-5550 | 4-4-4-4-4-4-4-4-4 |
| 5080-5090 | 1-1-1-2-1-1-2-1-1-2 | 5550-5560 | 5-7-4-2-1-2-1-7-7-7-7-7 |
| 5090-5100 | 2-2-2-2-2-2-2-2-2-2 | 5560-5570 | 4-1-1-1-1-1-1-1-1-1 |
| 5100-5110 | 2-2-2-2-2-2-2-2-2-2 | 5570-5580 | 4-2-2-2-1-7-2-2-2-2-2 |
| 5110-5120 | 2-2-2-2-2-2-2-2-2-2 | 5580-5597 | 5-2-2-2-2-2-2-2 |
| 5120-5130 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5130-5140 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5140-5150 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5150-5160 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5160-5170 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5170-5180 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5180-5190 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5190-5200 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5200-5210 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5210-5220 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5220-5230 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5230-5240 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5240-5250 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5250-5260 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5260-5270 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5270-5280 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5280-5290 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5290-5300 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5300-5310 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5310-5320 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5320-5330 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5330-5340 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5340-5350 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5350-5360 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5360-5370 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5370-5380 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5380-5390 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5390-5400 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5400-5410 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5410-5420 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5420-5430 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5430-5440 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5440-5450 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5450-5460 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5460-5470 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5470-5480 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5480-5490 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5490-5500 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5500-5510 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5510-5520 | 2-2-2-2-2-2-2-2-2-2 | | |
| 5520-5530 | 2-2-2-2-2-2-2-2-2-2 | | |

Cir. at 5500.
 Cir. at 5550.
 Cir. 5572 & 5577.
 Cir. & D.S.T. #8 at 5597.

D.S.T. 5597.

Trip at 5170.

Cir. at 5345.
 Cir. & D.S.T. #1 at 5360.

Cir. at 5390.
 Cir. at 5400.

Trip at 5460.

Cir. at 5490.
 Cir. & D.S.T. #8 at 5530.