

| | | | |
|-------------------|--|---------------|------------|
| Rig #: | 1 | | |
| API No: | 15-133-25962-0000 | | |
| Operator: | Southwind Exploration LLC | | |
| Address: | P.O. Box 34 Piqua, KS 66761 | | |
| Well No: | SW01 | Lease Name: | King |
| Footage Location: | 660 | feet from the | (N(S) Line |
| | 2640 | feet from the | (E(W) Line |
| Contractor: | Well Refined Drilling Company, Inc., Contractor #32871 | | |
| Spud Date: | 5-14-03 | Geologist: | |
| Date Completed: | 5-28-03 | Total Depth: | 1377 |

| | | |
|-----------|---------|-------|
| S. 17 | T. 30 | R. 18 |
| Location: | S12 S12 | |
| County: | Neosho | |

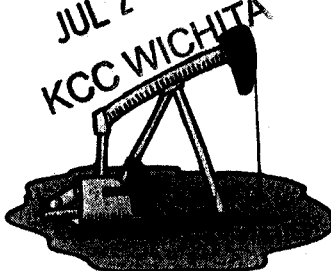
| Gas Tests | | | |
|-----------|-----|---------|------------|
| Depth | Oz. | Orifice | Flow (mcf) |
| 442 | | NO | Flow |
| 462 | 4 | 1/8 | 7.14 |
| 562 | 13 | 3/8 | 12.9 |
| 642 | 8 | 3/8 | 10.1 |
| 662 | 11 | 1 | 85.9 |
| 742 | 13 | 1 | 93.6 |
| 762 | 13 | 1 | 93.6 |
| 782 | 14 | 1 | 97.3 |
| 942 | 13 | 1 | 93.6 |
| 1002 | 9 | 1 | 77.5 |
| 1022 | 6 | 3/4 | 34.7 |
| 1035 | 6 | 3/4 | 34.7 |
| 1062 | 12 | 3/4 | 47.3 |
| 1082 | 12 | 3/4 | 47.3 |

| Casing Record | | |
|----------------|----------|------------|
| | Surface | Production |
| Size Hole: | 12 1/4 | 6 3/8 |
| Size Casing: | 8 5/8 | |
| Weight: | | |
| Setting Depth: | | |
| Type Cement: | Portland | |
| Sacks: | 4 | |

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| Rig Time | Work Performed |
|----------|----------------|
| | |
| | |
| | |
| | |

| Well Log | | | | | | | | |
|------------|-----|--------|-------------|-----|--------|-------------|------|--------|
| Formation | Top | Bottom | Formation | Top | Bottom | Formation | Top | Bottom |
| Overburden | 0 | 2 | shale | 508 | 528 | Coal | 763 | 766 |
| Clay | 2 | 5 | lime pink | 528 | 556 | shale | 766 | 786 |
| shale | 5 | 65 | Blk shale | 556 | 560 | shale | 786 | 789 |
| lime | 65 | 117 | shale | 560 | 561 | shale | 789 | 884 |
| sand | 117 | 150 | Coal | 561 | 562 | Coal | 884 | 885 |
| Coal | 150 | 151 | shale | 562 | 600 | shale | 885 | 986 |
| sand | 151 | 169 | lime Oswego | 600 | 625 | KA sand | 986 | 991 |
| lime | 169 | 280 | Blk shale | 625 | 630 | shale | 991 | 1000 |
| shale | 280 | 298 | shale | 630 | 633 | Coal | 1000 | 1002 |
| Coal | 298 | 299 | lime | 633 | 644 | shale | 1002 | 1026 |
| shale | 299 | 342 | Blk shale | 644 | 648 | Coal | 1026 | 1027 |
| Coal | 342 | 344 | Coal | 648 | 649 | shale | 1027 | 1052 |
| shale | 344 | 381 | lime | 649 | 653 | Coal | 1052 | 1053 |
| lime | 381 | 406 | shale | 653 | 728 | shale | 1053 | 1164 |
| shale | 406 | 435 | Coal | 728 | 730 | Chert | 1164 | 1073 |
| KA sand | 435 | 443 | shale | 730 | 754 | miss lime | 1073 | 1342 |
| sand | 443 | 471 | Coal | 754 | 755 | Green shale | 1342 | 1356 |
| shale | 471 | 508 | shale | 755 | 763 | lime | 1356 | 1367 |

