

**L & S WELL SERVICE****543A 22000 ROAD****CHERRYVALE, KANSAS 67335-8515****620-328-4433****DRILLERS LOG****J. Kebert # 1**

**Operator; JAMES D. LORENZ** Well no: #1 Lease: J. Kebert S 12 T 30S R 15E  
**API#** 15-205-205456-0000 **4280 FT. F E L** 1980 FT. F S L County: Wilson State KS  
**Bit Record Size:** 11 1/4" (0-60') **Set Surface Casing :** 01/12/02 **Surface Casing:** 8 5/8" X 60'  
**Cement used:** 15 sacks Portland **Bit Record Size** 6 3/4" (60' to 1137') Well type: GAS Depth 1137'  
**Started:** 01-14-02 **Date Comp:** 2-13-02 **Driller:** Jim Lorenz **Driller:** M. Jordan

| FROM      | TO    | FORMATION    | FROM | TO | FORMATION |
|-----------|-------|--------------|------|----|-----------|
| 0'-       | 20'   | DIRT         |      |    |           |
| 20'-      | 25'   | RIVER GRAVEL |      |    |           |
| 25'-      | 30'   | SAND         |      |    |           |
| 30'-      | 150'  | SHALE        |      |    |           |
| 150'-     | 230'  | LIME         |      |    |           |
| 230'      | 300'  | SHALE        |      |    |           |
| 300'      | 320'  | LIME         |      |    |           |
| 320'-     | 420'  | SHALE        |      |    |           |
| 420'-     | 490'  | LIME         |      |    |           |
| 490'-     | 600'  | SHALE        |      |    |           |
| 600'-     | 610'  | LIME         |      |    |           |
| 610'-     | 660'  | SHALE        |      |    |           |
| 660'-     | 680'  | LIME         |      |    |           |
| 680'-     | 690'  | SHALE        |      |    |           |
| 690'-     | 700'  | LIME         |      |    |           |
| 700'-     | 705'  | SHALE        |      |    |           |
| 705'-     | 710'  | LIME         |      |    |           |
| 710'-     | 940'  | SHALE        |      |    |           |
| 940'-     | 942'  | COAL         |      |    |           |
| 942'-     | 950'  | SHALE        |      |    |           |
| 950'-     | 1050' | SAND         |      |    |           |
| 1050'-    | 1100' | SHALE        |      |    |           |
| 1100'-    | 1137' | LIME         |      |    |           |
| T.D. 1137 |       |              |      |    |           |