

WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY

412 Union National Bk Bldg., Wichita, Kansas

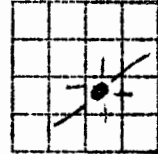
13-34-37W

Company - REPUBLIC NAT. GAS CO.
Farm - Cumingham No. 1.

SEC. 13 T. 34 R. 37 W
NWc SE

Total Depth. 2900 SLM
Comm. 4-21-46 Comp. 5-7-46
Shot or Treated.
Contractor. Moran Bros.
Issued. 7-20-46

County. Stevens
KANSAS



Elevation. 3135

CASING:
10 3/4" 698' Cem.
7" 2674' 6" Cem.
5 1/2" liner 251' 5"

Production. Deliverability
2,473 MCF, SIP 392.5

Figures Indicate Bottom of Formations.

| | |
|-----------------|------|
| sand | 175 |
| clay, sand | 625 |
| sand | 685 |
| red bed | 723 |
| red bed gypsum | 779 |
| red bed, sand | 1043 |
| shale, gypsum | 1760 |
| anhydrite, lime | 1825 |
| shale, gypsum | 2028 |
| anhydrite lime | 2052 |
| shale, gypsum | 2346 |
| anhydrite, lime | 2588 |
| lime | 2643 |
| anhydrite, lime | 2675 |
| Herrington | 2685 |
| lime | 2772 |
| shale blue | 2776 |
| shale red | 2785 |
| lime | 2790 |
| gas | 2820 |
| lime | 2825 |
| shale red | 2830 |
| red rock | 2834 |
| shale red | 2843 |
| lime | 2900 |
| Total Depth | SLM |

Gas Log:

| | |
|---------|-------------------------|
| 2700 | First Show |
| 2735-40 | Inc. too small to gauge |
| 2760-70 | 655 MCF |
| 2790-95 | 927 MCF |
| 2810-20 | 3,587 MCF |
| 2830 | 2,999 MCF |
| 2860-76 | 3,380 MCF |
| 2880 | 3,587 MCF |
| 2890 | 3,587 MCF |
| 2900 | 3,587 MCF |

No 72 hr open flow test taken.
Well treated on 5-10-46 to 5-12-46
w/12,500 gals 15% acid. Blow
down before and after running
liner gauged 3,587 MCF