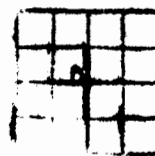


REPUBLIC NATURAL GAS CO.
Resner No. 2

Total Depth. 3365 S.L.M.
Comm. 3-6-39 Comp. 3-29-39
Shot or Treated. 4900 gal acid.
Contractor.
Issued. 5-13-39

County, Russell.



CASING.

10" 437'
7" 3357

Elevation.

Production. Pot. 80 B.
after acid.

Figures Indicate Bottom of Formations.

| | | | |
|------------------------|------|-------------|------|
| clay | 40 | lime | 2792 |
| shale | 245 | shale | 2800 |
| sand | 315 | lime | 2850 |
| red bed | 365 | lime broken | 2857 |
| lime | 373 | lime | 2880 |
| red bed | 390 | lime | 2960 |
| lime | 400 | shale | 2980 |
| iron and shale | 410 | lime | 2985 |
| sand | 420 | shale | 2990 |
| shale | 470 | lime | 3335 |
| shale | 492 | lime | 3346 |
| sand | 497 | | |
| shale | 530 | | |
| shale | 545 | | |
| shale | 600 | | |
| red bed | 710 | | |
| red bed | 865 | | |
| shale | 905 | | |
| anhydrite lime | 920 | | |
| anhydrite | 940 | | |
| shale and shells | 1025 | | |
| shale and shells | 1170 | | |
| shale | 1310 | | |
| salt | 1575 | | |
| lime | 1585 | | |
| shale | 1620 | | |
| lime | 1650 | | |
| shale | 1670 | | |
| SLM 1645' 10" no corr. | | | |
| lime | 1775 | | |
| shale | 1800 | | |
| lime | 1830 | | |
| shale | 1885 | | |
| lime | 1980 | | |
| lime | 1985 | | |
| shale | 2035 | | |
| lime | 2045 | | |
| shale | 2060 | | |
| sdv lime | 2125 | | |
| lime | 2170 | | |
| shale | 2330 | | |
| lime | 2340 | | |
| shale | 2390 | | |
| lime | 2400 | | |
| shale | 2438 | | |
| lime | 2450 | | |
| shale | 2485 | | |
| lime | 2495 | | |
| shale | 2540 | | |
| lime | 2545 | | |
| shale | 2600 | | |
| lime | 2610 | | |
| shale | 2640 | | |
| lime | 2655 | | |
| lime | 2665 | | |
| shale | 2705 | | |
| lime | 2710 | | |
| shale | 2740 | | |
| lime | 2755 | | |
| shale | 2765 | | |
| lime | 2785 | | |

CORE RECORD.

No. 1 Core 3346 to 3354 SLM.

Top to bottom 7" Rec.

3346-48 Blackish shale

3348-51½ Arg. lime grey and blk shale brks.

3351-54 Blue greenish faded shale.

No. 2. Core 3354-3365 10" Rec.

Top to bottom.

3' shale blue

1' shaley lime and dolomitic lime

Pyritic strks

2' dolomite, few scattered large pores.

sat. round holes. (some holes Unstained)

rest of dense part unstained.

1'6" Rather hard dolo. lime with few large

cavities in 2" to 3" strks. Sat. around

cavities.

1'6" Arg. dolomites and lime in 2" to 3" strks

Sat. around cavities.

1'6" Arg. dolo. Sat. surrounding cavities.

1'8" Sugary (Sandy) Dolomite. This part of

Core is porous. no cavities. Sat.

Throughout.

Total Depth 3365

Top Anhydrite 905

Top Dodge 3066

Top Kansas City 3099

Top Arbuckle 3357 reworked 3358 Dolomite.

Natural Test 2 bbls hr.