

# REFOLIO OIL COMPANY

## RECORD OF DRILL STEM TESTS AND SPECIAL TESTS ON

WELL #3 W.F. HANAGAN LEASE

### DRILL STEM TESTS

- Feb. 18th, 1936: 3285-3310' for 28 minutes showed 8 MCF (wet) gas  
40' mud and water--no oil.
- Feb. 20th, 1936: 3328-3350' for 35 minutes showed 3 $\frac{1}{2}$  MCF gas; 50'  
fluid in drill pipe, with slight show of oil.  
3328-3360' for 10 minutes showed 1 mcf gas; 180'  
sulphur water and mud--light show of oil.
- Feb. 21st, 1936: 3328-3387' for 30 minutes showed 1 mcf gas; 800'  
of fluid in drill pipe, sulphur smell out w/oil.
- Feb. 23rd, 1936: 3370-3387' for 20 minutes show of gas; 180' of  
oil and dilling fluid.

### DEVIATION SURVEYS

| At    |       | 1               | degree from vertical |   |   |
|-------|-------|-----------------|----------------------|---|---|
| 1350' | ----- | 1               | "                    | " | " |
| 1500' | ----- | 1 $\frac{1}{2}$ | "                    | " | " |
| 1560' | ----- | 2               | "                    | " | " |
| 1625' | ..... | 2               | "                    | " | " |
| 1715' | ..... | 1 $\frac{1}{2}$ | "                    | " | " |
| 1780' | ..... | 1               | "                    | " | " |
| 1875' | ..... | 1               | "                    | " | " |
| 1965' | ..... | 0               | "                    | " | " |
| 2050' | ..... | 1               | "                    | " | " |
| 2180' | ..... | 1               | "                    | " | " |
| 2265' | ..... | 1               | "                    | " | " |
| 2340' | ..... | 1 $\frac{1}{2}$ | "                    | " | " |
| 2450' | ..... | 2               | "                    | " | " |
| 2505' | ..... | 1 $\frac{1}{2}$ | "                    | " | " |
| 2560' | ..... | 2               | "                    | " | " |
| 2650' | ..... | 2               | "                    | " | " |
| 2660' | ..... | 2               | "                    | " | " |
| 2720' | ..... | 2               | "                    | " | " |
| 2740' | ..... | 2               | "                    | " | " |
| 2800' | ..... | 2               | "                    | " | " |
| 2870' | ..... | 1               | "                    | " | " |
| 2965' | ..... | 1 $\frac{1}{2}$ | "                    | " | " |
| 3100' | ..... | 2               | "                    | " | " |

RECORD OF DRILL TESTS AND SPECIAL TESTS ON

WELL #2 W.P. HANAGAN LEASE

DRILL TESTS

Feb. 1st, 1934: 3288-3290, for 30 minutes showed 1 mcf gas; 800' of fluid in drill pipe, sulphur smell out w/oil.  
 Feb. 2nd, 1934: 3270-3287, for 30 minutes show of gas; 180' of oil and drilling fluid.  
 Feb. 20th, 1934: 3288-3290, for 30 minutes showed 1 mcf gas; 50' fluid in drill pipe, with slight show of oil.  
 Feb. 18th, 1934: 3288-3290, for 30 minutes showed 1 mcf gas; 40' mud and water—no oil.

DEVIATION SURVEYS

| at    | degrees from vertical |  |
|-------|-----------------------|--|
| 3100' | 1 1/2                 |  |
| 3200' | 1                     |  |
| 3230' | 2                     |  |
| 3240' | 1 1/2                 |  |
| 3250' | 2                     |  |
| 3260' | 1                     |  |
| 3270' | 1                     |  |
| 3280' | 1                     |  |
| 3290' | 1                     |  |
| 3300' | 1                     |  |
| 3310' | 1                     |  |
| 3320' | 1                     |  |
| 3330' | 1                     |  |
| 3340' | 1                     |  |
| 3350' | 1                     |  |
| 3360' | 1                     |  |
| 3370' | 1                     |  |
| 3380' | 1                     |  |
| 3390' | 1                     |  |
| 3400' | 1                     |  |
| 3410' | 1                     |  |
| 3420' | 1                     |  |
| 3430' | 1                     |  |
| 3440' | 1                     |  |
| 3450' | 1                     |  |
| 3460' | 1                     |  |
| 3470' | 1                     |  |
| 3480' | 1                     |  |
| 3490' | 1                     |  |
| 3500' | 1                     |  |
| 3510' | 1                     |  |
| 3520' | 1                     |  |
| 3530' | 1                     |  |
| 3540' | 1                     |  |
| 3550' | 1                     |  |
| 3560' | 1                     |  |
| 3570' | 1                     |  |
| 3580' | 1                     |  |
| 3590' | 1                     |  |
| 3600' | 1                     |  |