

11-50

|                         |                                      |                      |
|-------------------------|--------------------------------------|----------------------|
| STATE<br><b>Kansas</b>  | COMPANY<br><b>Reel &amp; Hardman</b> |                      |
| COUNTY<br><b>Trego</b>  | FARM<br><b>Waltz</b>                 | WELL NO.<br><b>1</b> |
| BLOCK                   | SURVEY                               |                      |
| SEC.<br><b>12</b>       | <b>3680</b>                          |                      |
| T.<br><b>11S</b>        | R.<br><b>21W</b>                     | TOTAL DEPTH          |
| COMMENCED               |                                      |                      |
| COMPLETED               |                                      |                      |
| REMARKS <b>SE-SE-SW</b> |                                      |                      |
| ALTITUDE<br><b>2094</b> |                                      |                      |
| PRODUCTION              |                                      |                      |

CASING RECORD

|      |        |         |
|------|--------|---------|
| SHOT | QUARTS | BETWEEN |
|------|--------|---------|

FORM 186 - In stock and for sale by Ross-Martin Co., Tulsa

|          |                                                                             |
|----------|-----------------------------------------------------------------------------|
| 100      |                                                                             |
| 200      |                                                                             |
| 300      |                                                                             |
| 400      |                                                                             |
| 500      |                                                                             |
| 600      |                                                                             |
| 700      |                                                                             |
| 800      |                                                                             |
| 900      |                                                                             |
| 1000     |                                                                             |
| 1100     |                                                                             |
| 1200     |                                                                             |
| 1300     |                                                                             |
| 1400     |                                                                             |
| 1500     |                                                                             |
| 38<br>C9 |                                                                             |
| 1600     |                                                                             |
| 1700     |                                                                             |
| 1800     |                                                                             |
| 1900     |                                                                             |
| 2000     |                                                                             |
| 2100     |                                                                             |
| 2200     |                                                                             |
| 2300     |                                                                             |
| 2400     |                                                                             |
| 2500     |                                                                             |
| 2600     |                                                                             |
| 2700     |                                                                             |
| 2800     |                                                                             |
| 2900     |                                                                             |
| 3000     | <b>Spl. Srt. 3000</b>                                                       |
| 3100     | <b>g, d-f</b>                                                               |
| 3100     | <b>g, d-f</b>                                                               |
| 3100     | <b>g, sdy sh.</b>                                                           |
| 3100     | <b>glt, mottled, d-f</b>                                                    |
| 3100     | <b>22g-bf, d-f Tp 3122</b>                                                  |
| 3100     | <b>g, d-f, ay, scat pp por &amp; slight spotty oil sh.</b>                  |
| 3100     | <b>c-g, d-f, fos.</b>                                                       |
| 3100     | <b>c-g, d-f, fos, ay</b>                                                    |
| 3200     | <b>wh. dse</b>                                                              |
| 3200     | <b>c-g, d-f, ay in part</b>                                                 |
| 3300     | <b>34 blk. sh. H6 3334</b>                                                  |
| 3300     | <b>c-10m, d-f, fos, ay 10.75 por</b>                                        |
| 3300     | <b>LS 3371</b>                                                              |
| 3300     | <b>71 wh. d-f, ay, scat pp por &amp; spots faint oil sh.</b>                |
| 3300     | <b>c-g, d-f, slightly ay at top</b>                                         |
| 3400     | <b>g, d-f, scat. ooc. por &amp; slight spotty oil sh.</b>                   |
| 3400     | <b>ay in part</b>                                                           |
| 3400     | <b>g, por. ooc. lat. sl. g lat oil sh.</b>                                  |
| 3400     | <b>wh to c, d-f, ay</b>                                                     |
| 3500     | <b>c-g, d-f.</b>                                                            |
| 3500     | <b>ay in part</b>                                                           |
| 3500     | <b>c-g, d-f, streaks of pp por. &amp; spots faint oil sh. sl. ay</b>        |
| 3500     | <b>sd-f. scat. ooc. por. &amp; spots good oil sh.</b>                       |
| 3500     | <b>wh. dse</b>                                                              |
| 3500     | <b>g, por. ooc. lat. sl. spotty d-f oil sh.</b>                             |
| 3500     | <b>c-g, d-f.</b>                                                            |
| 3500     | <b>c-g, d-f, scat ooc. por &amp; spots faint oil sh.</b>                    |
| 3500     | <b>g, d-f</b>                                                               |
| 3500     | <b>PBC 3654</b>                                                             |
| 3500     | <b>A 3665</b>                                                               |
| 3500     | <b>54 red, newworked, co. Xln. dol. &amp; oolitic hematite, by sd y sh.</b> |
| 3500     | <b>65 &amp; 66. d.</b>                                                      |
| 3500     | <b>68 g. bf. med to co. Xln. weathered looking, pyritic oil st. dolo.</b>   |
| 3600     | <b>SKIP 68-80 T.D.</b>                                                      |
| 3700     | <b>T.D 3680</b>                                                             |
| 3800     |                                                                             |
| 3900     |                                                                             |
| 4000     |                                                                             |