

Located center of the NW₄ of SE₄ of Sec. 11, Twp. 23, Range 17W. Spoke County, Kansas.
 Drilling Commenced June 6, 1936, Completed Nov. 19, 1936.
 50' Bbls. 35.8 gravity on potential for 24 hrs.

Drilled by The L. G. D. Drilling & Development Co., Plainville, Kansas.

Casing Record

| | | |
|---------|-----|--------|
| 12 1/2" | 50' | 723-3 |
| 10 " | 40' | 1278 |
| 8 " | 32' | 2943 |
| 6 5/8 | 24' | 3148-3 |

Elev. 7024

| Formation | From | To |
|---|------|------|
| Cellar | 0 | 28 |
| White Chalky Shale | 28 | 60 |
| gray shale | 60 | 95 |
| black sand | 95 | 105 |
| blue shale | 105 | 468 |
| sand (10 blrs. P. H. 488) | 468 | 473 |
| blue shale | 473 | 495 |
| sand | 495 | 512 |
| gray shale (hole caving, set 490' of 12 1/2") | 512 | 531 |
| sand & gravel | 531 | 549 |
| water sand | 555 | 585 |
| sandy shale | 585 | 600 |
| white shale | 600 | 605 |
| red rock | 605 | 625 |
| sand | 625 | 635 |
| water sand (9 blrs. P.H.) | 635 | 640 |
| red rock | 640 | 645 |
| gray shale | 645 | 665 |
| red rock | 665 | 700 |
| light shale (caving) | 701 | 715 |
| sand | 715 | 720 |
| blue shale (28' - 1 of 22 1/2") | 720 | 760 |
| sand | 760 | 765 |
| blue shale | 765 | 770 |
| shale | 770 | 795 |
| sand | 795 | 805 |
| shale & iron | 805 | 825 |
| sand | 825 | 830 |
| shale | 830 | 835 |
| sand | 835 | 840 |
| shale | 840 | 850 |
| shale & iron | 850 | 860 |
| blue shale | 860 | 875 |
| water sand | 875 | 897 |
| iron & sand | 897 | 912 |
| red rock & iron | 912 | 925 |
| sand | 925 | 960 |
| iron & sand | 960 | 975 |
| red rock, iron, sand | 975 | 1110 |
| blue shale | 1110 | 1130 |
| red rock | 1130 | 1155 |
| sandy shale | 1155 | 1175 |
| red rock | 1175 | 1260 |
| chalk | 1260 | 1265 |
| Set 10" at 1278 | | |
| lime, hard | 1265 | 1310 |
| red rock | 1310 | 1385 |
| gray shale | 1385 | 1420 |
| red rock | 1420 | 1475 |
| lime | 1475 | 1485 |
| red rock | 1485 | 1500 |
| gray shale | 1500 | 1610 |
| salt & shale | 1610 | 1620 |
| salt | 1620 | 1730 |
| salt & shale | 1730 | 1755 |
| gray shale | 1755 | 1775 |
| lime shell | 1775 | 1780 |
| lime, hard | 1780 | 1852 |
| red rock | 1852 | 1855 |
| lime | 1855 | 1892 |
| shale | 1892 | 1920 |
| lime | 1920 | 1950 |

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13 29

| Formation | From | To |
|--|------|------|
| shale | 1950 | 1960 |
| red rock | 1960 | 1955 |
| lime | 1955 | 2000 |
| brown shale | 2000 | 2010 |
| lime | 2010 | 2100 |
| blue shale | 2100 | 2105 |
| red rock | 2105 | 2120 |
| lime | 2120 | 2130 |
| broken lime | 2130 | 2145 |
| red rock | 2145 | 2150 |
| broken lime | 2150 | 2160 |
| gray lime | 2160 | 2175 |
| dark lime | 2175 | 2185 |
| shelly lime | 2185 | 2195 |
| red rock | 2195 | 2205 |
| lime | 2205 | 2220 |
| red rock | 2220 | 2230 |
| lime | 2230 | 2242 |
| red rock | 2242 | 2252 |
| broken lime | 2252 | 2295 |
| lime, hard (cave) | 2295 | 2310 |
| blue shale | 2310 | 2337 |
| lime | 2337 | 2345 |
| red rock | 2345 | 2350 |
| lime | 2350 | 2412 |
| blue shale | 2412 | 2415 |
| sandy lime | 2415 | 2435 |
| broken lime | 2435 | 2440 |
| gray shale | 2440 | 2450 |
| lime | 2450 | 2490 |
| blue shale | 2490 | 2495 |
| broken lime | 2495 | 2505 |
| shelly lime | 2505 | 2530 |
| hard lime | 2530 | 2540 |
| gray shale | 2540 | 2544 |
| blue shale | 2544 | 2610 |
| broken lime | 2610 | 2625 |
| red rock | 2625 | 2630 |
| gray shale | 2630 | 2635 |
| lime | 2635 | 2730 |
| shale | 2730 | 2740 |
| blue shale | 2740 | 2750 |
| broken lime | 2750 | 2775 |
| dark shale | 2775 | 2835 |
| dark lime (cave) | 2835 | 2852 |
| lime (show oil 2915-2918) | 2852 | 2924 |
| blue shale | 2924 | 2924 |
| lime (set 2 1/2" more oil well-48) | 2924 | 2974 |
| light shale | 2974 | 2977 |
| lime, soft, (show oil 3005-3008) | 2977 | 3027 |
| 3015 to 3017) | | |
| dark shale | 3027 | 3040 |
| lime | 3040 | 3092 |
| (Oil, 3042-3048 4 blrs. oil in 1 1/2 hrs. 3063-3065-3070, 9 1/2 blrs. oil, 1 bir. water in 9 hrs. bailer 7 X 30) | | |
| black shale | 3092 | 3101 |
| lime | 3101 | 3110 |
| green shale | 3110 | 3120 |
| lime | 3120 | 3135 |
| shale, cave | 3135 | 3157 |
| red & blue shale | 3157 | 3141 |
| set 6 5/8 casing 3148-3 | | |
| lime | 3141 | 3217 |

5-23-1945

| Formation | From | To |
|---------------------------|----------------------------|------|
| shale | 3217 | 3221 |
| line | 3221 | |
| Total Depth | 3243 | |
| Acidized, 5000 gals. acid | | |
| Potential | 504 bbls. oil 29.8 gravity | |

Oil 3224-3237, 8 blms. water

11 9 17W
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