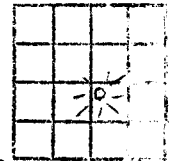


31-26-39W

County Hamilton
KANSAS

Total Depth. 2609
Comm. 10-27-53 Comp. 11-14-53
Shot or Treated.
Contractor.
Issued. 1-2-54



Elevation. 3316 DF

Production. 9,601,000 Gas

CASING:

8 5/8 @ 646' w/ 400 sx cmt.
5 1/2 @ 2584' w/ 1000 sx cmt.

Figures Indicate Bottom of Formations.

surface sand & clay	40
clay & sand	289
clay	600
red bed	640
red bed & gyp	800
gyp & shale	1520
anhydrite, gyp & shale	1612
anhydrite & shale	2012
shale & lime	2310
lime	2609
Total Depth	

TOPS:

Herrington-Krider	2406
Winfield	2463
Towanda	2535
Ft. Riley	2585

Schlumberger ran Gamma Ray & Micro-log.

Dolofrased as follows:

Packer @ 2570, loaded w/ DF. Treated Ft. Riley w/ 250 gals DF, mixed w/ low tension chemical, 250 gals. DF spacer, 2500 10% gel acid mixed w/ 500# #2 sand, flushed w/ 1250 gals. 7 1/2% acid mixed w/ low tension chemical followed w/ 750 gals. DF. After perf. set packer @ 2510-70. Loaded w/ dF. Treated Towanda w/ 250 gals DF mixed w/ low tension chemical, 250 gals DF spacer; 3000 gals 10% gel acid w/ 600# #2 sand, flushed w/ 1500 gals. 7 1/2% acid mixed w/ low tension chemical followed w/ 750 gals. DF. Reset packer @ 2450-2510. Treated Winfield w/ 250 gals. DF mixed w/ low tension chemical, 250 gals. DF spacer, 3000 gals 10% gel acid w/ 6000# #2 sand, flushed w/ 1500 gals. 7 1/2% acid mixed w/ low tension chemical, followed w/ 750 gals. DF. Reset packer @ 2390-2450. Treated Herrington-Krider w/ 250 gals. DF mixed w/ low tension chemical, 250 gals. DF as spacer, 3000 gals; 10% gel acid mixed w/ 6000# #2 sand, flushed w/ 1500 gals. 7 1/2% acid mixed w/ low tension chemical, followed w/ 750 gals. DF.

Perf w/ 6 SPF as follows:

Herrington-Krider 2406-08, 2412-30, 2334-44
Winfield 2463-80, 2482-86, 2490-2502 2520-28
Towanda 2535-39, 2541-46, 2549-64