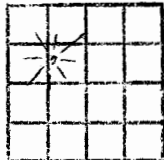


Total Depth. 2651
 Comm. 11-25-53 Comp. 12-15-53-58
 Shot or Treated.
 Contractor.
 Issued. 1-23-54

County Kearny
 KANSAS


CASING:

8 5/8" 645' com. w/475 sx
 5 1/2" 2617' com. w/1000sx

Elevation. 3138' DF

Production. 7,675,000 Gas

Figures indicate Bottom of Formations.

surface sand, clay 40
 clay sand 400
 clay shale 600
 red bed 645
 red bed, gyp 800
 gyp, shale 1520
 gyp, shale, anhydrite 1607
 anhydrite, shale 2030
 shale, lime 2570
 lime 2574
 lime, dolomite 2651
 Total Depth

Treated Herington-Krider w/250 gal diesel fuel mixed w/1/2 gal F-18, 250 gal diesel fuel as spacer, 3000 gal 7 1/2% gel acid, w/6000# sand, flushed w/250 gal diesel fuel spacer, 1500 gal 7 1/2% acid mixed w/3 gal F-18, followed w/750 gal diesel fuel.

TOPS:	Driller	Microlog
Horington-Krider	2352	2352
Winfield	2518	2518
Towanda	2569	2569
Fort Riley	2617	2617

Schlumberger ran Gamma Ray, Microlog

Lane-Wells perforated w/6 shots per ft. as follows:

Horington-Krider 2452-64', 2470-78',
 2482-86', 2490-96';
 Winfield 2518-26', 2530-46';
 Towanda 2569-72', 2575-94', 2596-2600'

Acid engineers jettrafaced as follows:
 Fort Riley w/250 gal. diesel fuel mixed w/1/2 gal. F-18, 250 gal. diesel fuel as spacer, 2500 gal 7 1/2% gel acid w/5000# sand, flushed w/250 gal diesel fuel spacer, 1250 gal 7 1/2% acid mixed w/2 1/2 gal F-18 & followed w/750 gal diesel fuel.

Treated Towanda w/250 gal diesel fuel mixed w/1/2 gal F-18, 250 gal diesel fuel as spacer, 2500 gal 7 1/2% acid gel mixed w/5000# sand, flushed w/250 gal diesel fuel spacer, 1250 gal 7 1/2% acid mixed w/2 1/2 gal F-18, followed w/750 gal diesel fuel.

Treated Winfield w/250 gal diesel fuel mixed w/1/2 gal F-18, 250 gal diesel fuel as spacer, 2500 gal 7 1/2% gel acid, w/5000# #2 sand, flushed w/250 gal diesel fuel as spacer, 1250 gal 7 1/2% acid mixed w/2 1/2 gal F-18, followed w/750 gal diesel fuel.