

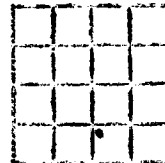
2-16-4W

Company- FRANCO CENTRAL OIL et al  
 Farm- Sandberg No. 2

SEC. 2 T. 16 R. LW  
 NW SW SE

Total Depth. 3448  
 Comm. 5-22-52 Comp. 6-12-52  
 Shot or Treated.  
 Contractor. Penguin Petroleum, Inc.  
 Leased. 8-2-52

County Saline  
 KANSAS



CEMENT:  
 8 5/8" 315.41: cem w/100 sx  
 7" 596.69: cem w/100 sx  
 4 1/2" 3467.31: cem w/50 sx

Elevation. 1338 K.B.

Production. 112 bbls / 5% wtr

Figures indicate Bottom of Formations.

surface dirt, clay 20  
 sandy shale 40  
 shale, clay 100  
 shale, shells, gyp 140  
 shale, shells 245  
 cement 315  
 shale, shells 385  
 gyp, lime, shale 430  
 lime sdy, shale 470  
 lime sdy 540  
 shale sdy, shells 750  
 lime sdy 835  
 lime sdy, shale 925  
 shale, lime 1095  
 sand, shale, lime 1285  
 shale sdy, shells 1530  
 sand, shale 1575  
 Lost circulation,  
 drill 600' 7"  
 shale 1695  
 shale, shells 1750  
 shale 1805  
 shale, lime 2080  
 shale 2304  
 lime 2310  
 shale, lime 2579  
 lime 2590  
 shale, lime 2602  
 lime 2612  
 shale, lime 2685  
 shale 2700  
 shale, lime 2830  
 shale 2940  
 shale, lime 3012  
 lime, shale, little  
 chert 3046  
 shale, lime 3102  
 lime, shale, chert 3141  
 shale, lime 3176  
 lime 3211  
 lime, shale 3220  
 shale, shells 3271  
 lime, shale 3326  
 shale, lime 3410  
 shale, shells 3448  
 Total Depth. RTD

Tops: Schlumberger  
 Lansing 2303  
 Mississippi 2943  
 Kinderhook 3227  
 Maquoketa shale 3381  
 Daq. dolomite 3446