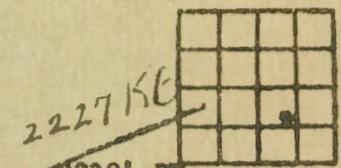


Company- CHIEF DRILLING CO., INC.
Farm- Kramer No. 2

SEC. 7 T. 14 R. 19W
SE NW SE

Total Depth. 3870'
Comm. 10-5-57 Comp. 10-17-57
Shot or Treated.
Contractor. Chief Drlg.
Issued. 3-28-59

County Ellis
KANSAS



CASING:
8 5/8" 205' cem w/150 ex.
5 1/2" 3856 1/2' cem w/75 ex.

Production. 25 BOPD

Figures indicate Bottom of Formations.

clay	205
shale	950
sand	1060
shale, shells & red bed	1510
Anhydrite	1550
shale & shells	2090
shale & lime	2165
lime	2270
shale & shells	2415
shale & lime	3050
shale & shells	3250
shale & lime	3545
lime	3783
shale & lime	3820
chert	3838
sand	3856
dolomite	3870
Total Depth	

CASING RECORD:

Spd 10-8-57
8" 205
Heeb 3486 (-1256)
Tor 3510 (-1280)
Lan 3532 (-1302)
BKC 3783 (-1553)
Marm 3820 (-1590)
Sd 3838 (-1608)
DST 3840-55 1 1/2 hrs. 201 HOC-1 351 OCM
BHP 1040#
Arb 3856 (-1626)
DST 3858-70 1 1/2 hrs. 200' Oil & MCO-1
BHP 1120# / 30 min.
RTD 3870
5" 3857
CO 3870
Swb 1 1/2 BOPH no / 4 hrs.
250 Az
2 1/2 HO / 30 min.
Swb 4 BOPH no / 7 hrs.
Pa 42 BO no / 2 1/2 hrs.
Phy 25 BO / 65% wtr

TOPS:
Anhydrite 1512
Heebner 3486
Toronto 3510
Lansing 3532
Base Kansas City 3783
Marmaton Chert 3820
Sand 3838
Arbuckle 3856

12-18-57 JER