

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 East Murdook, Wichita, Kansas

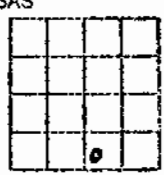
Company - DEEP ROCK
Farm - Early

No. 1

SEC. 32 T. 9 R. 21W
SW SW SE

Total Depth. 3860
Comm. 6-7-50 Comp. 8-23-50
Shot or Treated.
Contractor.
Issued. 9-9-50

County. Graham
KANSAS



CASING:
10 3/4" 280' cem w/200 sx/
7" 3850' cem 2/175 sx.

Elevation. 2300 DF

Production. 135 BO

Driller log 0-3000
clay, shale 280
shale, sand 1560
shale 1770
trace white gypsum,
mostly gray shale;
some gray, xlym, anhy. 1815
shale, shells 2165
shale, limestone 2350
shale, shells 2500
limestone, shale, shell 2630
limestone, shale 2975
shale 3000

Figures Indicate Bottom of Formations.
All measurements are taken from top of the rotary bushing which is 2' above the derrick floor.
Drilled plug, made no new hole. Filled up 1200' /4 hrs. no wtr. 6-23-50
Filled up 2250' oil/10 hrs.; no water; swab 1000' off bottom. 8 BOPH for 3 hrs. 6-24-50

porosity, no odor
fair stain, slight
trace free oil.
3736-40 Possibly porous
3856-60 Fair porosity, free oil, possible trace odor.

Sample log starts 3000
shale, sand 3138
limestone 3143
shale, stks limestone 3223
limestone, shale stks 3250
shale 3256
limestone, chert 3408
shale, gray 3415
limestone, chert 3480
shale 3484
limestone 3489
shale, sand 3502
limestone, chert 3512
shale, sand 3520
limestone, chert 3549
brown shale 3558
limestone 3570
shale, limestone, chert 3604
limestone 3614
shale 3616
limestone 3642
shale 3644
limestone, shale 3706
shale 3713
limestone 3720
limestone, shale 3746
limestone 3748
shale, limestone 3810
chert 3848
shale 3856
dolomite 3860
Total Depth

Drill Stem Tests:
3447-56: Open 40 min. slight blow which stopped in 20 mins. recovered 30' slightly oil cut mud, no wtr. Bottom hole pressure 860#.
2 -3457-73: Open 40 min. recovered 20' slightly oil cut cud; no wtr. Bottom hole pressure 620#
#3 - 3553-70: Open 30 min. very good blow; gas at surface in 40 min, Recovered 1290' clean oil and 180' oily mud & muddy oil; no wtr; BHPressure 900#; Flow pressure 370#
#4 - 3708-25: Open 30 min. slight blow; packer washed out; recovered rotary mud; Reconditioned hole; Tried to DST from 3711-25; packer would not hold.

3330-38 Slightly porous, fair stain
3338-50 Fair porosity; no show.
3448-55 Pin-point porosity, fair show heavy free oil; no odor.
3457-62 Some porosity & free oil, trace odor.
3504-12 Some porosity, possible trace stain.
3558-63 Fair bugular porosity & ordor; some free oil; light stain in dry sample.
3563-70 No porosity or stain
3604-12 Fair pin-point porosity, fair odor & show free oil, good stain, some dead oil.
3612-14 No porosity
3616-42 Possible streak porosity & stain.
3654-60 Possible porous
3660-3670 No porosity
3675-78 Possibly porous
3678-84 No porosity
3692-96 Possibly porosity
3716-3720 Some pin-point

Tops:
Stone corral 1770
Topeka 3275
Hoebner 3480
Leavenworth 3484
Dodge 3502
Lansing 3520
Base Kansas City 3748
Parnaton 3748
Conglomerate 3810
Simpson 3848
Arbuckle 3856