

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
500 East Murdock, Wichita, Kansas

Company- DEEP ROCK
 Farm- Calbeck

No. 14

SEC. 33 T. 26 R. 13W
 SE SW NE

Total Depth. 4467
 Comm. 1-24-52
 Shot or Traced.
 Contractor.
 Issued. 5-17-52

Comp. 3-20-52

County Pratt KANSAS



CASING:

8 5/8" 838'
 5 1/2" 4466'

Elevation. 1961 D.F.

ALL MEAS. FROM TOP OF R.B.

Production. 140 BO & 1/10% wtr.

Figures Indicate Bottom of Formations.

drillers log 0-3500'			
sandy clay	45	limestone, some oolitics	chert, china brown 4320
sand	260	fair porosity	shale green, chert 4322
red beds & shale	455	limestone no poro.	limestone, xylm 4326
red beds	833	shale green & brown	shale green sdy 4329
anhydrite	847	limestone xylm, oolitic	sand brown-green 4338
shale	855	good poro.	sand, green shale
shale & red beds	1220	limestone	dolomitic sand 4348
shale, shells & salt	1835	limestone brown xylm good	dolo. xylm, poro. 4360
limestone & shale	3500	porosity	shale green sdy 4363
limestone, tan to buff		limestone brown	sand green dolo.,
xylm, oolites	3526	limestone porosity	fair poro. 4370
limestone, porosity	3586	limestone brown	shale green strks
limestone	3594	sub-xylm	sand dolo. 4428
shale brown	3596	shale brown	dolo., xylm, poro. 4432
limestone brown	3613	limestone poro. tr.	dolo. poro. 4437
shale brown	3619	4032-34	shale green 4439
limestone brown	3622	limestone brown,	dolo. poro. 4443
shale gry-green brown	3631	chert	shale green 4444
limestone xylm probably		shale & limestone	dolo. brown poro. 4450
shaley 3641-43	3652	limestone, oolites	dolo. brown chert
shale green brn silty	3672	tr. poro.	brown opaque 4455
sand brown-gry	3712	shale brown	dolo. xylm, poro. 4465
shale gry-green brown		limestone possibly	dolo. poro. 4467
strks fine sand	3775	poro. 4076-79'	Total Depth
limestone brown-gry		limestone, chert, possible	
xylm	3781	tr poro. stain	Tops:
shale brown strks limestone		limestone brown, xylm	Stone Corral 833
	3801	oolitic, strks shale	Heebner 3613
limestone xylm	3818	gry green & brown	Leavenworth 3619
shale gry-green	3822	limestone brown sub-	Snyderville 3622
limestone	3825	xylm	Toronto 3631
limestone gry-brown		shale brown & green	Douglas 3652
porosity	3835	limestone	Brown Lansing 3775
limestone, no poro.	3841	shale brown green tr.	Lansing 3801
shale green-gry	3843	brown chert, some	Base Kansas City 4114
limestone	3848	limestone strks	Marmaton 4119
shale & limestone strks	3851	limestone	Miss. 4196
limestone, xylm, oolitic		shale	Kinderhook 4235
poor porosity	3866	limestone gry green	Viola 4289
limestone brown, xylm	3876	finely xylm	Simpson 4326
shale green	3878	shale brown & green	Arbuckle 4428
limestone, chert	3885	limestone brown, chert	
shale green, limestone	3889		
limestone, poro.	3897		
limestone strks & shale	3905	shale	No. show probably wtr
limestone brown, poro	3916	limestone, chert,	3526-86'
limestone brown, chert		possibly shale strks	Good odor, trace stain
& porosity	3930	shale green-brown, possible	no free oil DST
limestone, no poro.	3934	limestone strks	3825-35'
limestone, poro. chert		chert, china, green	tr. stain 3851-66'
	3940	chert, shale red & gry-	Slight tr. stain 3889-97'
		green	Fair stain 3905-16'
limestone brown-gry		shale green-brown	Spotted stain 3916-30'
sub-xylm	3947	micaceous	No show 3934-40'
shale green & brown	3951	chert, china, amber-	Good odor, slight show
limestone brown, sub-xylm		brown yellow	free oil, some gilson-
oolitic porosity	3955	shale green-brown,	itic stain 3951-55'
limestone no poro.	3962	chert, xylm limestone	Tr. odor, fair show free
shale green & brown	3968		oil 3968-74'
			OVER

Cont'd

Company-- Deep Rock
Farm -- No. 14 Calbeck
33-26-13W
SE SW NE

Fair/show free oil, fair
odor 3984-90'
Good show free oil. good
odor 3998-4008'
Spotted stain 4018-22'
No show 4030-40'
Tr. spotted stain 4054-65'
Possible tr stain 4070-79'
Trace free oil 4196-4202'
Some dead blk stain no odor
or free oil 4202-35'
Fair odor, no free oil.
4245-62'
Fair odor, tr. free oil
4289-4320'
Trace odor, spotted stain
4329-38'
Spotted stain 4348-60'
Spotted stain 4363-70'
Trace stain 4428-32'
Good show free oil 4444-50'
good odor & stain
Fair to good show free oil,
good odor 4455-65'

Cored 4297-4303

Cored 4303-4309'

DST: 3816-40' open 45 mins.
good blow at start, dec. to
small blow by end of test. rec.
75' gas & 45' gas cut mud tr
oil BHP 0 15 mins.

DST 3947-76' open 30 mins. rec.
30' slightly gas cut mud tr
oil BHP 0.15 mins.

DST: 3981-4013' open 45 mins.
rec. 60' slightly gas cut mud.
tr. oil BHP 200# 15 mins.

DST: 4186-4205' open 45 mins.
good blow throughout test
rec. 1620' gas 40' heavily oil
cut mud. BHP 1120# 15 mins.

DST: 4205-32' open 30 mins.
weak blow rec. 30' mud no oil,
gas or wtr, BHP 0 15 mins.

DST: 4242-63' open 45 mins.
rec. 60' mud with odor of gas,
no oil or wtr no visible sign
of gas BHP 0 15 mins.

Note: The above test was first
tried with one packer from 4239-63'
but the packer failed to hole.

DST: 4326-52' open 30 mins. small
blow which quit in 5 mins.
rec. 30' mud no oil, gas or wtr
BHP 0 15 mins.

DST: 4452-67' open 1 hr. strong
blow throughout test. rec. 630'
gas, 60' heavily oil cut mud
60' muddy oil 30' clean oil
BHP 1245 # 15 mins.

Completion Data:

Ran Lane-Wells Gamma Ray
Neutron Log.

Several sets of perforations
were made in the Viola chert
and were squeezed off because
of water.

The final completion

data is as follows:

Perforated 4309-17 w/32
cone shots.

Perforated 4309-17 w/24
bullets. Had $1\frac{1}{2}$ gallons
oil per hr. and $1\frac{1}{2}$ gals.
wtr per hr.

Pumped 30 bbls. oil into
formation under pressure.

Acidized w/100 gals.

(Had previously acidized
with 500 gals. 200 gals.

& 3000 gals. before and
between the various squeeze
jobs)

Hydrafrac double treatment.

(Had previously hydrafrac
twice between squeeze jobs)