

WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY

412 Union National Bk. Bldg., Wichita, Kansas

Company - DEEP ROCK OIL CORP.

Farm - Ora L. Bowers

No. 2.

SEC. 34

T. 27

R. 11 W

C E $\frac{1}{2}$ SW SE6 60' fsl 990' f WL SE $\frac{1}{4}$

Total Depth. 4209'

Comm. 7-16-43

Comp. 9-3-43

Shot or Treated.

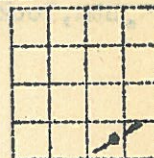
Contractor. Helmerich & Payne, Inc.

Issued. 5-27-44

County.

Pratt

KANSAS



CASING:

8 5/8" 391' Cem.

5 1/2" 4165' Cem.

Elevation.

Production.

Dry

Figures Indicate Bottom of Formations.

surface soil	0-75	lime brown hd	4202
sand & shells	120	lime sm sh gas, no	
red bed & shells	245	oil, no wtr	4205
gravel & shale	310	lime brown hd	4209
shale & shells	400	Total Depth.	
red bed, shale, shells	510		
shale	600		

red bed & shale	820	8-15-43 acidized w/1000 Gals. thru perforations	3500-16
anhydrite & shale	855	swbd 5 $\frac{1}{2}$ BW 1 $\frac{1}{2}$ BOPH, not much gas	
shale & shells	1340	8-16-43 acidized w/5000 Gals. thru perforations	3500-16
anhydrite	1370	swbd 9 BW 2 BOPH, no inc. gas	
shale & shells	1510	8-22-43 acidized w/1000 Gals. thru perf.	3535-55
lime & shale	1530	swbd $\frac{1}{2}$ BO 4 BWPH	
shale & brkn lime	1645	8-23-43 acidized w/4000 Gals. thru perf.	3535-55
lime brkn	1745	swbd $\frac{1}{2}$ BO 5 BWPH	
lime sdy & shale	1835	9-2-43 acidized w/2000 Gals. thru perf.	4140-59
lime brkn	1865	swbd 4 $\frac{1}{2}$ BWPH	
shale	1895		

lime brkn	1945
lime & shale	2065
lime & shale strks	2125
lime brkn	2190
lime w/shale strks	2247
lime & shale	2295
lime brkn	2345
lime & shale	2370
lime	2380
shale & lime	2550
lime gy & shale	2595
lime & shale	2660
lime hd	2700
lime	2765
lime & shale	3010
lost circulation	3060
lime & shale	3129
lime brkn	3305
lime & shale	3380
lime shale & sand	3410
lime & shale	3440
lime	3484
shale	3488
lime	3705
lime & shale	3730
lime	3780
lime, little shale	3797
lime & shale	3837
lime & chert	3864
lime	3925
lime cherty	3966
cherty lime & shale	3984
chat & lime cherty	4016
lime & shale	4032
shale, some lime stcky	4062
shale & lime	4079
Kinderhook shale	4092
shale sticky	4120
shale	4146
Viola lime	4158
lime, depth rotary hole	4166

Record of gun perforating pipe and completing after rotary tools:

8-14-43 bailed hole to 3600. Did not drill plug. Gun perforated pipe 3500-16 w/48 shots. After acidizing w/1000 & 5000 Gals. well tested 2 BO, 9 BWPH. Swbg. Squeeze cemented these perforations w/230 sx cement 2000# top pressure. Drld cement out of pipe & bailed hole to 3600 - hole dry

Gun perforated pipe 3535-55 w/57 shots - after acidizing w/1000 & 4000 Gals., well tested $\frac{1}{2}$ BO, 5 BWPH - swbg

Ran tbg & squeezed cemented above perforations w/125 sx. Top pressure 2500#

8-29-43 drld cement out of pipe to 3600, tested squeeze job - hole dry. Cleaned out & drld plug at 4166 to deepen

Gun perforated pipe 4140-59 w/36 holes

After acidizing 3/2000 Gals. well tested 4 $\frac{1}{2}$ Bbl salt WPH, 50,000 cu ft gas. Shut well down from 9-3-43 to 3-6-44

3-7-44 Set Lane Wells plug at 3800 & bailed hole.

Gun perforated pipe 3498-3514 w/48 shots & from 3532-55 w/59 shots. No shows. Acidized w/1000 Gals. Tested $\frac{1}{2}$ BO & WPH

3-10-44 Gun perforated pipe 3660-95 w/48 holes inc. fluid from $\frac{1}{2}$ B PH to 1 B PH. Gun perf. pipe 3560-75 w/16 holes. Acidized w/2000 Gals. from 3660-95 thru tbg w/packer. Tested $\frac{1}{2}$ BO 5 BWPH

3-12-44 acidized w/4000 Gals. thru csg, from 3498-3575 w/tbg in hole & packer set at 3625. Pulled tbg & tested, swbd $\frac{1}{2}$ BO 45 BW in 8 hrs. Ready to plug & abnd

Formations as noted from samples:

Topeka	3010-3365	sli. staining	3666-75
Douglas sand	3365-3415	fair sat.	3675-79 & 3690-3700
Lansing-K.C.	3488-3850	shale & lime strks	
Fair sat., poor por.	3535-55	sli. stains	3720-3800
sli. sat., poor por.	3555-75	Marmtop? Weathered	
slight sat.	3610-20	chert & lime	3867-3920
very sli. staining	3625-60		
fair saturation	3660-66		

(OVER)

