

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

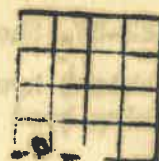
Location, SE SW SW
330' SL 1000' WL SW $\frac{1}{2}$

Sec. 8 T.22 R. 3W.

Casing Record.

County, Harvey.

133/8306 10" Farm. A. R. Nikkel No. 3
 20" 8 $\frac{1}{2}$ " Company. Shell Petro. Corp.
 15 $\frac{1}{2}$ " 65/8" Contr. Olson Drilling Co.
 12 $\frac{1}{2}$ " 53/16" Comm. 7-6-33 Comp. 8-14-33
 Total Depth. 3583 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Elevation.

Figures Indicate Bottom of Formations.

Initial Production.

Date Issued. 9-9-33

Pump 240 B. Oil 40 B. wtr in
22 hours.

Formation	Depth
surface clay	45
sand	115
broken sand	230
broken sand	250
shale	285
shells hard	307
lime hard and sand	345
shale grey and lime shells	685
lime shells	700
shale grey and shells	820
shale and shells	880
broken lime and shale	953
shale and shells	1080
shale	1125
shale and shells	1270
shale and shells	1750
broken lime and shale	1807
lime and shale	1894
shale and shells	1932
broken lime and shale	2035
lime and shale	2139
lime and shale breaks	2198
broken lime	2230
shale and shells	2340
shale	2410
lime	2450
shale	2460
lime	2463
lime	2629
lime and shale	2669
lime	2681
shale	2694
lime	2766
shale and shells	2807
lime	2824
shale	2839
lime	2847
lime	2854
lime and shale	2930
shale	3057
shale	3122
V.C. shale	3147
Top of chat 3140 CORR Rotary	
chat med hard	3159
Acid bottle at 3000'	
chat hard	3170
chat soft	3173
chat soft	3183
chat hard	3184
SLC 3184 equals 3177	
chat hard	3190
chat med	3197
chat	3212
chat	3287
lime	3312
coal:	3320
shale	3360
shale	3410
Cored 3400-10' 100% Recovery.	

Formation	Depth.
lost	3412
Cored 3410-18' 75% Recovery.	
shale	3413
conglomerate	3414
Top Misner 3413 Rotary	
shale	3414 $\frac{1}{2}$
Light show oil 3414 $\frac{1}{2}$ -16	
conglomerate	3416
Top of Hunton 3416 Rotary	
lime	3418
Show oil 3417-18	
lime white hard	3425
Tested water shut off 4 hrs. 90% soluble	
in 10% muriatic acid 3418-24. 95% soluble	
3424-30. 100% soluble 3430-36.	
lime wh hard med	3429
lime white hard	3433
lime brown soft	3436
lime brown soft	3449
show gas and free oil 3433-36.	
90% soluble 3436-44	
lime brown hard	3450
95% soluble 3444-49	
lime grey dolomite	3473
Filled up 700' oil 3 hrs while drilling	
3448-49 and gradually to total 2400' oil	
in hole at 3473.	
8-4-33 Swabbed 60 bbls oil in 2 hours and	
Swabbed down. Filled up 75' oil in 1 Hr.	
8-5-33. Swabbed 70 bbls oil in 18 hours	
8-6-33. Acidized with 1000 gal Dow X	
and 50 gal blanket Acid in at 1:30 PM	
Swab 255 bbls 18 hours. 8-9-33.	
Swab 252 $\frac{1}{2}$ bbls 24 hr.	
dolomitic shale	3479
Top of Moquoketa 3451.	
dolomitic shale	3490
shale green	3498
shale	3510
shale grey	3525
shale	3555
Top Trenton 3555	
lime	3558
lime Hole caving badly	3568
lime	3575
shale sdy	3576
Top Decorah shale 3575.	
sand frosted	3576 $\frac{1}{2}$
sand hard	3579
sand soft	3580
light show oil. (Washed out of samples.)	
in 1 hour did not add to the 1850 of Hunto	
oil already in the hole.	
sand	3581
No inc. Started Swabbing.	
8-15-33. Swab 230 bbls 16 hrs. end 7 AM.	
Swab 289 bbls 24 hr test end 6 PM.	
8-16-33. Swab 275 bbls 23 hrs end 7AM	
no water washed out show oil 3581-82	
Swab 210 bbls 11 hrs. end 7 AM	

OVER

8-22-3W. Shell Petro. A. Nikkell # 3

Swab 102½ bbls 8 hours end 7 AM.

After swabbing head off.

Formation Depth.
sand and shale mostly shale 3583

no oil in sample 3582-83

Swab 120 bbls 9 hours at TD. 3582. and

135 bbls 6 hrs after TD. 3582-83

Hourly gauges. Swab-

12 - 1 AM 45 bbls (head)

1 - 2AM 30 bbls(Head)

2 - 3 AM 15 bbls

3 - 4 AM 15 bbls oil and trace of water

4 - 5 AM 15 bbls oil and trace of water

5 - 6 AM 15 bbls oil and 1 bbl wtr

Reamed 2" to 3558 for new seat for liner,
cleaned out to bottom and ran liner.

Swabbed 105 bbls oil and 10 bbls water
end 7 AM.

Swabbing hourly from top liner.

Swab 270 oil and 61½ water 19 hrs end 7 AM.

Swab 307 ½ bbls oil and 36½ water 24 hrs.
end 7 AM.

8-22-33 Swab 265 bbls oil and 57½ water
24 hours end 7 AM.

8-23-33 Swab 185 oil and 40 qtr 16 hrs.

8-24-33 Swab 127 oil and 30 wtr 8 hours.

8-26-33. Pump 185 bbls oil and 25 wtr in
15 hours.

8-27-33 Pump 250 oil and 25 water in 24 hrs.

8-28-33 Pump 240 oil and 40 wtr in 22 Hrs.

T.D. 3583.

7" casing. 3413

5½ Corr. 3558