

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

Location. NEc SW NW

Sec. 17 T 22 R. 3W

Casing Record.

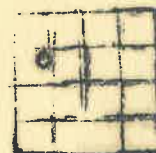
County. Harvey

10" Farm. Schmidt
 8 1/2" Company. Derby Oil Company.
 65/8" 3418 Contr. McPherson Drilling Co.

No. 4

304 53/16" 3418 Comm. 8-5-33 Comp. 9-19-33
 Total Depth. 3657 Shot Quarts Between.

Correspondence Regarding This Well Should Be referred To.



Figures Indicate Bottom of Formations.

Date Issued. 12-9-33

Elevation.

Initial Production.

After 12 hours swabbing made 5 bbls oil and 1 B.W. per hour.

Formation	Depth	Formation	Depth.
surface	70	lime	3300
sand	190	broken lime	3320
sand and clay	235	lime	3322
shale and shells	304	shale	3416 1/2
shale	481	sand	3417
broken lime	645	lime	3418
shale	725	SIM J.K.	
broken lime	780	Rotary completed 8-28-33	
shale	805	Standardized 9-3-33 Rotary 3418 equals	
broken lime	870	3417 cable tools.	
shale	905	lime grey med	3418
broken lime	965	lime brown med	3425 1/2
shale	1165	smell oil	
broken lime	1190	lime brown med	3430
shale	1393	lime brown med	3435
broken lime	1423	show of gas Approx 1/4 M.	
shale	1580	lime brown soft	3440
broken lime	1620	show oil	
shale	1835	lime brown very soft	3445
broken lime	1870	1700' oil in 2 hours while drilling.	
shale	1905	lime brown very soft	3447 1/2
broken lime	2055	sdv shale dark	3448 1/2
lime	2075	3448 1/2 equals 3451	
broken lime	2165	shale and dolomite	3453
lime	2205	Swabbing Record.	
broken lime	2242	3440 - 18 bbls in 3 hours off bottom-	
broken sand	2285	6 bbls per hr. 3451 (corrected) 30 1/2 bbls	
sand	2405	in 8 hours off bottom. 33/4 bbls per hr.	
lime hard	2412	9-4-33	
broken lime	2432	Acidized September 5, 1933	
shale	2465	1000 gallons acid.	
broken lime	2487	10 gallons blanked.	
lime	2496	Swabbed September 8 & 9 1933 64 B. 10 Hr.	
shale	2505	off bottom 6.4 bbls per hr.	
lime	2540	deepened.	
broken lime	2630	3453 equals 3457 1/2	
lime	2661	shale	3469
broken lime	2745	lime	3502
lime	2815	shale blue	3513
broken lime	2858	broken lime	3520
shale	2870	lime	3525
lime	2874	lime and shale	3538
broken lime	2925	lime and shale	3554
shale	2965	3554 equals 3551 corrected back from SIM	
broken lime	2975	at 3573 1/2 equals 3570 1/2	
shale	2995	lime Viola reduced hole.	3574
lime	3015	sand with trace of green shale	3575
shale	3035	sand	3581 1/2
broken lime	3050	1100' oil carried from Hunton.	
lime	3080	tested 7 1/2 bbls per hr off bottom at 3581 1/2	
broken lime	3095	sand	3583 1/2
shale	3106	show water.	
3106 equals 3115		sand 800' water.	3596
shale	3151	sand	3605
chat med	3152	shale green	3608
chat soft	3165	sand	3610 1600'
chat	3201	sand	3633 wtr
chat soft	3215	shale	3635
chat hard	3242	sand and shale	3640
chat and lime	3259	shale green with thin sand streaks	3644
chat hard	3267	sdv lime	3646
		over	VER

Schmidt number 4., Derby Oil Co.
17-22-3W., Harvey county.

Formation	Depth.
shale green	3649
lime hard	3652

1600' fluid Swabbed 110 bbls water in
2 hours. off bottom.

lime 3657

3000' water. could not lower by swabbing.

Plugged back from 3657 to 3649 with lead wool.

Tested and showed shut off.

Plugged back from 3649 to 3570 with rock and steel
cuttings.

Plugged back 3570 to 3565 with lead wool.

Tested and showed complete shut off.

Bridged on top of liner 3494-3490 with steel cuttings.

Plugged back 3490 3489 with lead wool.

Plugged back 3489-3446 with rock

Shot record! September 27, 1933.

60 qts Solidified 3434-3447

Loaded with 2 containers Oakum.

1 container Rock

1 Yard sand

Swabbed 22 3/4 bbls in 5 hours off bottom.

Acidization Oct 2, 1933

Test before 33/4 bbls per hr for 10 hours.

By National.

1,000 gallons acid.

October 5, 1933

1st hour 15

2nd hour 15

3rd hour 11

4th hour 11

5th hour 7 1/2

6th hour 7 1/2

7th hour 6 1/2

8th hour 6 1/2

9th hour 6 1/2

10th hour 6 1/2

After 12 hours swabbing made 5 bbls oil and 1 bbl water per hour.

SCANNED
KGS Wichita Office