

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

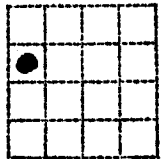
Company - CITIES SERVICE & HELMERICH & PAYNE
Farm - Hansen "D" No. 1

SEC. 26 T. 5 R. 21 W
C SW NW
660' N 660' E of W/4 Corner

DISCOVERY WELL

Total Depth. 3720 Rot. = 3717 SIM
Comm. 3-7-45 Comp. 3-20-45
Shot or Treated.
Contractor. Helmerich & Payne, Inc.
Issued. 7-21-45

County. Norton
KANSAS



CASING:
10 3/4" 148' Cem.
5 1/2" 3717' Cem.

Elevation. _____

Production. Phy. Pot. 102 BO,
5% wtr in 24 hrs.

Figures Indicate Bottom of Formations.

sand	0-60	8 shots 3646-53'; 100' mud & wtr.
gravel sdy	90	& show oil in 15 mins.
sand & gravel	140	11 shots 3650-54'; 150' fluid in
shale	190	45 mins., 2308' fluid (mud, oil
shale & sand	280	& wtr) in 2 1/4 hrs.
shale & shells	500	11 shots 3650-54'; 2800' fluid in
sand	800	3 hrs.
shale & shells	1050	
sand	1120	Set retainer @ 3611' & squeezed
shale & sand	1460	w/128 sacks cement; 118 sacks
sand	1550	through perforations @ 1000 #
red bed & shale	1600	to 3000 # pressure.
shale & shells	1810	
anhydrite	1875	Drilled cement to 3697 SIM
shale & shells	2350	
lime	2390	Perf. 12 shots 3650-54'; 1/2 B
shale & shells	2450	fluid, good show oil, in 15
shale sdy	2500	mins.
shale & shells	2540	12 shots 3650-54'
shale sdy	2550	12 shots 3654-56'; 100' fluid in 30
shale & shells	2610	mins. 500' fluid (mostly oil)
shale sdy	2640	in 1 1/4 hrs., 1200' fluid (.135'
shale & shells	2714	wtr & 1065' oil) in 12 hrs.
shale sdy	2728	Water exhausted.
lime	2762	Swbd 5 bbls oil per hr. through
shale & shells	2920	tbg.
lime & shale	2965	
shale & lime	3005	
shale sdy	3020	
lime & shale	3212	
lime	3242	
lime cherty	3260	
lime & shale	3333	
lime	3471	
lime sdy	3476	
lime	3487	
lime sft	3492	
lime	3558	
lime sft	3571	
lime	3585	
lime & shale	3620	
cored sand & lime	3630	
(rec. 10')		
shale & shells	3653	
lime	3720	

3720 Rot. T.D. = 3717 SIM

Total Depth.

Ran Schlumberger

Tops:
K. C. 3338
Gorham 3612
Corr. Arbuckle 3650
Penetration 67'
Drilled cement to 3697' SIM

Perf. 8 shots 3638-45', rotary mud.