

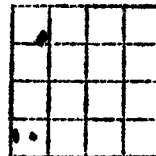
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - W. L. HARTMAN
Farm - Wolf "A" No. 4

SEC. 4 T. 13 R. 17W
CSE NW NW

Total Depth. 3592
Comm. 6-1-49 Comp. 7-6-49
Shot or Treated.
Contractor. H. & H. Drlg. Co.
Issued. 8-6-49

County. Ellis
KANSAS



CASING:

8 5/8" 131' cem. w/115 sx.
5 1/2" 3590' cem. w/100 sx.

Elevation. 2074 Jnd

Production. 90.48 BO/24 hrs.

Figures Indicate Bottom of Formations.

clay yllw.	60
shale sdy	130
sh le	230
shale & shells	410
shale & sand	770
D. sand	910
shale	1195
shale & sand	1270
anhyd.	1308
shale	1595
shale & shells	1945
lime & shale	2080
shale	2190
lime	2394
shale	2471
lime	2504
shale	2588
shale & lime	3090
lime	3137
lime & shale	3205
lime	3442
lime & shale	3489
lime	3550
shale & lime	3580
lime	3592
Total Depth	

Tops: D. F. data	
Stone Corral Anhyd.	1268
Topeks	3013
Heebner shale	3266
Dodge Limestone	3287
Lansing	3311
Base K. C.	3545
Congl.	3572
Simpson	3576
Arbuckle	3583

Trip at 1275 - Bit # 1 made 1145 Ft. in
11 hrs. OB w/Bit #2 Jettod Shale Pits

Bit #2 made 920 ft. in 28 1/2 hrs. OB w/bit
#3 Slope test-Ok SLM - Ck
Lost returns @ 2393, Mixed 7 sx. Hulls.

Slope Test- Ok. SLM - Lk. at 2476. Trip
@ 2476- Bit #3 made 286' in 24 1/2 hrs. OB W/
Bit #4, Lost returns at 2675.
Bit #4 made 364' in 26 hrs. OB W/Bit #5
Jettod Pits. Bit #5 made 297' in 24 1/2 hrs.
1/2 trip. OB W/Bit #6
Bit #6 made 173' in 23 hrs. OB W/Bit #7.
Circ. @ 3321- 1 hr. 17 mins. Circ. @ 3327
Circ. for samples @ 3345 & 3351
Circ. @ 3410'.
Lime- Circ. @ 3440
SLM - Lk. Circ. @ 3476.
Circ. @ 3490 & 3502
Circ. @ 3559 & 3570 & 3575 & 3577 & 3580.
Circ. @ 3584 & 3586 & 3592.
Rotar Bushing Total Depth