

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

21-16-17W

NE

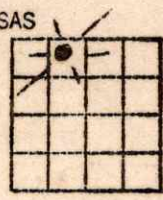
Company - EL DORADO REFG. CO.
Farm - Urban No. 1.

SEC. 21 T. 16 R. 17 W
NW NE NW

"Discovery Well"

Total Depth. 3546 SLM PB 3535 SLM
Comm. 7-22-45 Comp. 8-11-45
Shot or Treated.
Contractor. Royer Farris Drlg. Co.
Issued. 12-22-45

County. Rush
KANSAS



CASING:

13" 35' Com.
8 5/8" 1116' Com.

Elevation. 1977

Production. 1,300,000 Gas

Figures Indicate Bottom of Formations.

hole	0-33
shale	70
shale & sand	100
sand, shale & shells	300
shale	350
shale & iron	400
shale	410
sand, shale, red bed	760
shale & sand	940
shale, sand & red rock	1010
shale & shells	1106
anhydrite	1155
shale & shells	1570
salt, shells & shale	1810
shale & shells	1970
lime brkn	2016
lime	2365
lime & shale	2510
shale & shells	2540
lime & shale	2995
lime	3505
conglomerate	3528
Arbuckle lime	3533
3533 = 3528 SLM	
lime	3546
Total Depth (Halliburton SLM)	

Total Depth 3546 (Halliburton SLM) plugged back to 3535 SLM, drilled out to 3537

Gas analysis (sample 9-17-45) Bureau of Mines
Helium-6.74% BTU- 270

Plugged back 3535 SLM
drilled out to 3537

Tops:

Lansing	3258 RDF
Conglomerate	3498 RDF
Arbuckle	3521 (SL Corr to rotary DF)

Capacity: 1,300,000 cu.ft.
gas from Arbuckle