

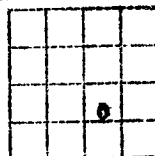
Company - ARTNELL CO.
Farm - Johansen

No. 2

SEC. 21
CS $\frac{1}{2}$ NW SE

21-16-10W

County. Ellsworth
KANSAS



Total Depth. 3319 $\frac{1}{2}$ '

Comm 6-19-46

Comp. 8-10-46

Shot or Treated.

Contractor.

Issued. 9-7-46

CASING:

8 5/8" 330' Cem.
5" 3303' Cem.

Elevation. 1851^{rh}

Production. Pot. 68 plus 10%

Figures Indicate Bottom of Formations.

dirt & sand	0-40
shale & shells	330
shale & shells	410
red beds & shells	635
anhydrite	670
shale & shells	1320
limestone brkn	1740
limestone & shalt	1830
limestone brkn	2010
shale	2375
shale & limestone	2570
limestone brkn	2635
limestone & shale	2710
limestone	2870
limestone & shale	2940
limestone brkn	3025
limestone	3283
no report	3283-3312
Rot. T. D.	3312'
dolomite	3319 $\frac{1}{2}$
Total Depth.	

First oil show @ 3303'

Drilled plug & formation to 3316'

cleaned Out. Had approx.

$\frac{1}{2}$ BOPH. Washed down hole

w/50 gals. of 15% & in 2

applications about 2 hrs.

apart, little or inc. in oil.

Drilled to 3319 $\frac{1}{2}$ '

Acidized w/500 gals. acid.

Well making approx. 1 BOPH.

Reacidized w/500 gals. acid.

well making approx. 1 $\frac{1}{2}$ BOPH.

Reacidized w/1500 gals. penetrating

acid, well making approx. 3 BOPH

& some wtr.

No potential taken to 7-31-46.

Tops: (Sample)

Anhydrite	628
Topeka	2619
Heebner	2878
Dodge	2893
Base Oread	2909
Brown Lansing	2979
Lansing	2994
Base Kans. City	3283
Marmaton	3283
Conglomerate	3290
Arbuckle	3298