

U.S. GEOLOGICAL SOCIETY
508 East Murdock
Wichita, Kansas

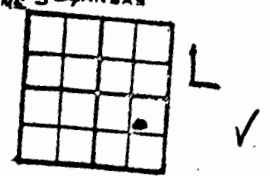
SEP 29 1972

API # 15-163-20,424

COW GULCH OIL COMPANY
O'LEARY "A" 2
SW NE SE SECTION 34 Twp. 10S RG. 16W
Rooks County, Kansas

34-10-16W

SW NE SE
(SE NE SE) AN 2



Elevation: 2062' KB
IP: 45 BOPD & 30% Wtr/LANS.

SUMMARY OF POROUS ZONES AND OIL SHOWS

TOPEKA

2984-2989 Limestone mealy and granular with rather poor pin-point porosity and carrying a slight show of oil. ESTIMATE NON COMMERCIAL.

TORONTO

3207 - 3211 Dolomite fine crystalline with some vugular and inter-crystalline porosity with fair show of free oil and carrying a light odor. This zone covered by DST #1.

LANSING

3261 - 3265 Limestone light grey fine crystalline. Some fair pin point porosity with a very slight trace of stain.

3282 - 3288 Limestone light cream to light tan. Some vugular porosity but fairly tight. Slight show of oil. This zone carried a odor and should be further evaluated.

3318 - 3324 Limestone white to cream ranging from vugular to oolitic porosity. Very slight show of oil.

3384 - 3390 Limestone light grey fine crystalline with some pin-point porosity. Slight show of oil.

3404 - 3414 Limestone oolitic and oolitic with some fair porosity. Few pieces carrying fair show of oil and fair stain.

3438 - 3443 Limestone cream tan medium crystalline. Some vugular porosity. Slight show of oil.

3463 - 3470 Limestone light tan fine to medium crystalline with some fair vugular porosity and having a slight show of oil.

ARBUCKLE

3552 - 3556 Dolomite tan-brown and grey with some good vugular and inter-crystalline porosity. Samples carrying a good show of live oil and having a light odor.

SAMPLE TOPS:	
Topeka	2953
Heebner	3186
Toronto	3207
Kansas	3232
Lansing	3232
BKC	3498
Arbuckle	3552
RTD	3556
DDTD	3568

