

KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY CIRCLE OIL, INC.

SEC. 24 T. 16 R. 13W
LOC. NW SE SE

FARM Christians NO. 4

TOTAL DEPTH 3421

COUNTY Barton

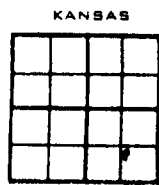
COMM. 1-12-67

COMP. 1-19-67

SHOT OR TREATED

CONTRACTOR Sage Drlg.

ISSUED 3-11-67



CASINO

20 10
15 8 5/8" @ 329' w/200 SX
12 6
13 5" @ 3413' w/;25 SX

ELEVATION 1944' KB

PRODUCTION PMP 92 BOPD/NW
GR 41, ARB 3413-21

FIGURES INDICATE BOTTOM OF FORMATIONS

FORMATION	FROM	TO	REMARKS
Surface Soil	0	330	TOPS: SCOUT
Shale	330	550	*Anhydrite 871
Red Bed	550	771	Heebner 3069
Anhydrite	771	901	Toronto 3086
Shale	901	1840	Brown Lime 3155
Lime & Shale	1840	3095	Lansing 3165
Shale	3095	3151	B/Kansas City 3401
Lime	3151	3260	Arbuckle 3413
Lime & Shale	3260	3421	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SAGE DRILLING CO., INC.

By Lawrence F. Gray
Lawrence F. Gray

Subscribed and sworn to before me this 23rd day of January, 1967.

Louise K. Whitted
Louise K. Whitted, Notary Public

My commission expires:
November 26, 1970.

Christians # 4

NW SE SE

Section 24-16S-13W

Barton County, Kansas

8-5/8" at 329' with 200 sx. cement

5-1/2" at 3417' with 125sx. cement

RTD=3421'

Perforations: 3324-26; 3302-04; 3200-04; 3170-74

4' open hole

Top of cement at 2745'

STATE GEOLOGICAL COMMISSION

FEB 27 1935

CONSERVATION DIVISION