WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY
UNION NATIONAL BANK BLDG., WICHITA, KANSAS

32

CASING RECORD

	10"
20"	8 1-4
15 1-2	6 5-8
12 1-2	5 3-16

LOCATION NW cor NE/4 NW/4 SEC 21 T 31N 21W.

27815

FARM Stephens (1st hole) NO. 1 COUNTY Clark

COMPANY Robert Watchorn

CONTRACTOR

COMMENCED 12/12/1926. COMPLETED 3/11/27.

TOTAL DEPTH 3930'. SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

ELEVATION

FIGURES INDICATE BOTTOM OF FORMATIONS.

INITIAL PRODUCTION Dry

REMARKS 4/28/28.

Formation	Depth
soil	2
red bed & shells	30
red bed	80
sand rock	90
red bed	95
sand	115
red bed & sand	142
red bed	193
shell	194
red bed	224
red rock	259
shell	270
red bed	300
red rock	340
red bed & shells	440
salt	450
red rock & red bed	500
shells & red rock	540
salt & red rock	640
brkn lime	660
red rock & red bed	740
red bed	850
brkn sand	875
red rock	950
brkn lime	980
red rock	1080
brkn lime	1100
shale	1125
red rock	1200
salt & shale	1235
slate	1270
brkn lime	1290
shale & salt	1330
shale	1680
shale & gyp	1762
shale	1778
sft lime	1780
shale & shells	2040
shale	2090
hrd shale	2130
salt	2150
shale	2225
B. lime	2235
shale & shells	2255
salt	2275
shale & lime shells	2285
shale	2415
lime	2440
lime shells	2455
brkn lime	2517
shale	2527
lime	2540
shale & shells	2586
shale & lime shells	2611
sandy lime	2631
shale	2635
brkn lime	2665
sandy lime	2687
brkn lime	2727
lime	2880
slate	2885
lime	2890
slate & lime shells	
shells	2915
slate	2925
slate shells & lime	
shells	2950
lime	2990
sandy lime	2995
lime	3012
slate	3022
lime	3042
shale & slate	3052
shale	3062
shale & lime shells	3082
lime	3092
shale	3095
shale & shells	3120
slate & shale	3142
lime	3160
shale & slate	3190
shale & shells	3215
shale & lime shells	3235
shale & shells	3255
shale	3300
black shale	3310
sticky shale & lime shells	3320
hard lime	3332
sticky shale & lime shells	3320?
hrd lime	3332?
shale	3370
shale & shells	3385
slate & shale	3445
shale & shells	3485
slate	3505
sandy lime	3535
shale & shells	3560
shale & slate	3600
shale & shells	3630
sand lime	3645
shale	3670
shale	3710
lime	3750
shale	3770
lime	3835
shale	3860
brkn lime	3870
sandy lime	3930

Drilline lime broke Feb. 16th and pipe dropped 125' unable to get pipe out & hole was abandoned.

(SECOND HOLE) Mch 11, 1927.

soil	6
red bed	100
water sand	120
Lost circulation at 102'	
sand	128
red bed	210
shale & red bed	325
red bed	375
salt	385
red bed	411

Circulation was lost at 411' and hole was abandoned on March 23, 1927.

(Third Hole- Apr. 1-27.

surface soil	6
red bed & sand	26
red bed	60
Lost circulation at	28'
red bed & shells	100
red bed & sand	203
brkn lime	215
red bed & shells	280
lime shells	287
red bed	345
coarse formation which drilled like salt.	355

Circulation was lost at 355' and hole was abandoned on Apr. 13, 1927 .

R. Watchorn
#1 Stephens

Sec 21-32-21 W
NW NE NW

Clark County Kansas

Comm 12-12-26 Comp 3-11-27

TD 3930

Dry

The samples are of no value, and there is caving from top to bottom, but some of the lithology may be of help
By Mr. Roth.

	Marion	
2385-	Cherty lime with lower Wellington caving.	
	Chase	
2665	All of Marion and Chase characters in this lime.	
2700	Very cherty lime	
2750	Cherty lime	
2770	Porous dolomite	
2818	Lime and some chert	Crinoide fragaments
	Probably Cottonwood-Garrison	
2850	Lime	
2865	Lime	
2885	Lime	Baidia and a Rhombopora
2900-2910	Marl, with Echinoides	
2535	Lime	
2965	Gray shale and lime	Fusulinidae
	About Neva	
2980-2990	Cherty lime	
3010	Gray marl	Fusulinidae
	Wabaunsee to Shawnee	
3030-	Lime	
3050	Lime	
3080	lime and gray shale	
3110	Lime	Rhombopora and Fenestella
3130	Marl	
3150	Cherty lime	
3170	Lime	
3185	Lime	
3205	Lime	
3235	Lime	
3250	Cherty lime	
3265	Lime	
3275	Porous dolomite	
3285	Lime	Fusulinidae
3295	Lime	
3310	Marl	
3365	Lime	
3380	Oolitic dolomite	
3410	Gray shale	
3430	Lime	
3455	Lime	

Over

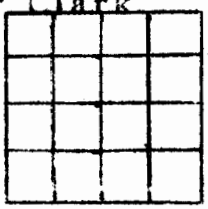
Company R. Watchorn

Sec. 21 T. 32S R. 21W
Loc. NW NE NW

Farm Stephens No. 1

Total Depth 3930
Comm. 12-12-26 Comp. 3-11-27
Shot or Treated
Contractor
Issued

County Clark



Elevation

Production Dry

Casing

20 in.	10 in.
15 1/2	8 1/4
12 1/2	6 5/8
13 3/8	5 3/16

Figures Indicate Bottom of Formation

	Marion at 2385
2385	Cherty lime with lower Wellington caving.
	Chase 2665 - 2818
2665	All of Marion and Chase characters in this lime.
2700	Very cherty lime.
2750	Cherty lime.
2770	Porous dolomite.
2818	Lime and some chert. Crinoids fragments.
	Probably Cottonwood-Garrison 2850 - 2965
2850	Lime.
2865	Lime.
2885	Lime. Baidia and a Rhombopora
2900-2910	Marl, with Echinoides
2935	Lime.
2965	Gray shale and lime. Fusulinidae
	About Neva 2980 - 3010
2980-2990	Cherty lime.
3010	Gray marl.
	Waubaunsee to Shawnee 3030 - 3120
3030	Lime.
3050	Lime.
3080	Lime and gray shale.
3110	Lime . Rhombopora and Fenestella
3150	Marl.
3150	Cherty lime.
3170	Lime.
3185	Lime.
3205	Lime.

Figures Indicate Bottom of Formation

3235	Lime.	
3250	Cherty lime.	
3275	Lime.	
3285	Porous dolomite.	
3295	Lime.	Fusulinidae
3310	Lime.	
3365	Marl.	
3380	Lime.	
3410	Oolitic dolomite.	
3430	Gray shale.	
3455	Lime.	
3470	Lime.	
3505	Gray shale.	
3520	Lime.	
3540	Gray shale.	
3565	Lime.	
3590	Lime.	
3615	Lime;	
3635	Lime.	
3655	Lime and dark gray shale.	
3655	Gray shale.	
3695	Lime.	
3730	Lime.	
3750	Black shale.	
3775	Lime.	
3805	Lime.	
3820	Lime.	Fusulinidae
3880	Lime.	
3900	Lime.	
3920	Lime.	