

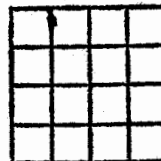
**WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY**  
 508 East Murdock, Wichita, Kansas

Company- **AYLWARD DRILLING COMPANY**  
 Farm- **Waggoner** No. **1**

SEC. **16** T. **35** R. **2E**  
 C **N/2** N/2 **NW**

Total Depth. **3380**  
 Comm. **11-1-54** Comp. **11-11-54**  
 Shot or Treated.  
 Contractor. **Aylward Drlg. Co.**  
 Issued. **2-12-55**

County **Sumner**  
**KANSAS**



Elevation. **1109 DF**

Production. **25 bbls. oil**

**CASING:**

8 5/8" **60**  
 5 1/2" **3368**

Figures Indicate Bottom of Formations.

lime & shale	60-	100
lime		380
lime & shale		760
lime		772
lime & shale		1165
shale		1410
shale & lime		2320
sand		2380
lime & shale		2646
lime, shale & sand		2695
sand & shale		2805
shale & lime		2895
shale black		2938
shale		3024
shale & lime		3102
lime		3215
lime & shale		3340
shale		3349
shale chert		3369 RTD
Mississippi		3380
Total depth		

Geological Tops:	Samples
Stalnaker	2288
Lower Stalnaker	2361
Layton	2705
Lower Layton	2836
Kansas City	2916
Cleveland	3013
Oswego	3092
Bartlesville	3334
Mississippi	3349
Rotary Total depth	3369

Drill Stem Test #1 2288-2310  
 (Straddle Packer) TD 2350. Open  
 1 hour. Rec. 40' mud, BHP 720# IFP off FFP = 18#.

Drill Stem Test #2 2706-25 2725-92  
 Open 45 minutes, recovered 530' salt  
 water, BHP 20 minutes = 965# IFP 30#  
 FFP 345#.

Drill Stem Test #3 3349-69  
 Open 1 hour recovered 25' mud. BHP 30# in  
 20 minutes.  
 2695 equals 2725 by steel line measurement

Cemented 1 ft. off bottom w/225 sx cement.  
 Cable Tool Data:  
 Drilled plug and drilled deeper to 3376  
 test 1 1/2 BOPH; drilled deeper to 3380 TD -  
 Sand oil treatment- Test average 7 BOPH-  
 POP