

Casing Records

State Geological Survey
WICHITA BRANCH1390'
3683'

COMPANY: The Aylward Production Co., et al

CONTRACTOR: Aylward Drilling Company

Commenced: June 22, 1946

Completed: July 18, 1946

Location:

Cen. E/2 SE/2 SW/4

Sec. 12-12-18

Ellis County, Kansas

Elevation:

Potential: Dry

Formation	From	To	Remarks
Clay, Rock & Sand	0	120	
Shale, Blue	120	240	
Shale & Shells	240	530	
Sand	530	615	
Shale	615	760	
Sand	760	820	
Shale & Shells	820	890	
Sand	890	1065	
Shale	1065	1105	
Red Rock & Shale	1105	1280	
Shale & Anhydrite	1280	1390	Set 8-5/8" at 1390'
Anhydrite	1390	1425	Cemented with 320 Sacks
Red Bed & Shale	1425	1460	
Shale & Shells	1460	1625	
Shale & Red Rock	1625	1750	
Salt	1750	1980	
Shale & Shells	1980	2365	
Lime & Shale	2365	2485	
Lime	2485	2540	
Shale & Lime	2540	2645	
Shale	2645	2715	
Lime, Broken	2715	2740	
Lime & Shale	2740	2790	
Broken Lime & Shale	2790	2945	
Lime & Lime	2945	3040	
Lime, Soft	3040	3045	
Lime & Shale	3045	3080	
Shale	3080	3145	
Lime & Shale	3145	3230	
Lime	3230	3655	
Shale	3655	3672	
Conglomerate	3672	3681	
Arbuckle	3681	3685	Set 5-1/2" Casing at 3683'
Lime	3685	3690	Cemented with 100 Sacks

3690 T.D. Show oil and some water from 3686-3688. H.F.W. from 3688-90. Set Lane-Wells plug @ 3670'. perforated casing w/Lane-Wells

3620-27 — 6 holes

3627-32 12 "

3633-38 6 "

3519-24 6 "

3488-99 12 " (show oil

3490-94 12 " 3490-94)

PLUGGING

FILE REC 12-12-18W
BOOK PAGE 70 LINE 12

Ripped 5 1/2" casing from 3623-3628 Shot w/10 Qts. Shot from 3622-32' No show oil - 1/3 BWPH

GEOLOGICAL DATA

Heebner Shale	3358'	Shaly Congl.	3638-62
Lansing K.O.	3404'	Eros. Simp.	3662
Total Depth	3684'	Arbuckle	3681'

Small show oil 3478-81 & 3478-99 - Corrected.

Fair staining 3525-29 - corrected, spotted porosity and staining 3568-75 - corrected

Light odor & Sat 3627-32 - corrected (Best possibilities underlined)