

STUMPH-SMITH "A" #2

Casing Record:

8 5/8" - 227'  
5 1/2" - 4822'

Company: Aylward Drilling Company  
Contractor: Aylward Drilling Company

Commenced: July 15, 1957  
Completed: July 31, 1957

Location: SW NE NW  
Sec. 18-32-14W  
Barber County  
Kansas  
Elevation: 1927 R.B.

	<u>From</u>	<u>To</u>	<u>Remarks</u>	
Red Dirt	0	20	Set 8 5/8" surf. pipe @ 227' w/150 sacks cement.	
Sand	20	80		
Gravel	80	120	Geological Tops:	
Red Rock & Gyp	120	1254		
Shale w/Anhydrite Streaks	1254	1670		
Shale & Shells	1670	2060		Heebner Shale 4021
Lime & Shale	2060	2240		B/Oread 4052
Lime	2240	2533		Douglas Sand 4152
Lime & Shale	2533	2795		Lansing 4188
Shale & Lime	2795	3035		Base/Kansas City 4653
Lime & Shale	3035	3788		Mississippian 4709
Shale & Lime Streaks	3788	3895		R.T.D. 4822
Lime & Shale	3895	3951		
Lime	3951	4017		
Lime & Shale	4017	4106		
Shale & Sand	4106	4195		Set 5 1/2" casing @ 4822 w/100 sacks cement.
Lime	4195	4822 RTD		

DST 4712-65 Open 21 min. Gas to surface in 2 min., gauged 3,310 MCFG/5 min., 6,000 MCFG/20 min. Rec. 45° GCM. FP 1170#-1285#. IBHP 1770#/20 min., FBHP 1765#/20 min.

DST 4765-4802 Open 30 min. Gas to surf. in 1 min., gauged 4,640 MCFG/15 min., 4,830 MCFG/30 min. Rec. 22° free oil and 25° HOCM. FP 880#-1045#. IBHP 1780#/20 min. - FBHP 1770#/20 min.

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

Paul W. Hesse

Subscribed and sworn to before me this 15th day of August, 1957.

Duane Jessup  
DUANE JESSUP

My commission expires December 11, 1957.