

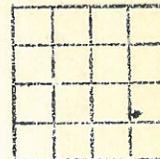
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY  
503 East Murdock, Wichita, Kansas

Company- SKELLY OIL CO.  
Farm- Helmke "J" No. 6

SEC. 6 T. 27 R. 12W  
SW NE SE  
990' fr NL 990' fr EL SE/4

Total Depth. 4277 BP 4214  
Comm. 10-25-51 Comp. 11-15-51  
Shot or Traced.  
Contractor. Chas. Hulme Drlg. Co.  
Issued. 3-8-52

County Pratt  
KANSAS



Elevation. 1890 DF

Production. 73 BO INW

CASING:

8 5/8" 460' cem. w/250 sx  
4 1/2" 4277' cem. w/250 sx

Figures indicate Bottom of Formations.

surface soil & sand	170	Next 4' - shale with thin
red bed & shale	460	strks of sand, very few
shale & red bed	555	spots bleeding oil
shale & shells	1075	Last 5' - shale with traces
salt & shale	1290	of sandy shale, very few
shale	1400	scattered spots bleeding oil.
salt	1465	Reamed core hole to bottom
shale & shells	1675	Total Depth 4277 SLM
lime	2480	
lime & shale	2900	Tops:
lime	2960	Heebner Shale 3512
lime & shale	3130	Douglas Sand 3564
lime	3415	Brown Lime 3679
lime & sand	3460	Lansing Lime 3693
lime	3630	Mississippi Lime 4076
sand & shale	3695	Kinderhook Shale 4097
lime	3815	Viola Lime 4120
fine xylvn lime	3819	Simpson Shale 4206
lime	3822	Simpson Dolomite 4222
fine xylvn lime	3827	Simpson Sand 4235
lime	3859	
oolicastic lime	3864	Fine oolicastic porosity,
lime	3891	dark oil stain & dead
oolicastic lime	3897	oil 3815-3819'
lime	3905	Dark oil stain and dead
fine xylvn lime	3914	oil 3822-3827'
lime	4080	Good porosity, good brown
lime & chert	4145	oil stain, good odor
shale & chert	4165	3859-3864'
chert	4182	Brown oil stain & traces
opaque & weathered		dead oil 3891-3897'
chert	4195	Fine oolicastic porosity
chert & shale	4215	with drk oil stain 3905-14'
lime & shale	4220	Vuggy porosity with blk
Cored from 4220' to 4277'		tarry stain and traces of
rec. 57'		brown stain, good odor in
Top 2 1/2' - sandy dolomite		wet samples 4182-4195'
and shaley dolomite		
Next 2' - coarse xylvn dolo.		Producing Formation:
bleeding oil		Viola Lime 4182-4195'
Next 2 1/2' - cherty, fragmented		
dolomite		Acid Treatment: Hydrafrac
Next 4 1/2' - Dense dolomitic lime		12-4-51 4257-4263
& sandy dolomite		12-11-51 4257-4263
Next 1/2' - shale blk		12-22-51 4222 1/2 - 29
Next 1' - very sandy & dolomitic		4182-4195
shale, few spots bleeding oil		
Next 1' - shale blk		
Next 1' - gry sandy shale, few		
spots bleeding oil		
Next 5 1/2' - fine grained sand,		
good lgt oil stain		
Next 3' - sand with streak of		
sandy shale, bleeding oil		
Next 1' - sand with good oil		
stain, spots bleeding oil		
Next 1 1/2' - strks of sand &		
shale, bleeding oil		
Next 12' strks of sandy shale,		
shale & sand, bleeding oil		