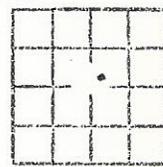


WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
500 East Murdock, Wichita, Kansas

Company- SKELLY OIL CO.  
Farm- Helmke "H" No. 2

SEC. 6 T. 27 R. 12W  
SW SW NE  
330' fr SL 330'  
fr WL of NE 1/4  
County Pratt KANSAS

Total Depth. 4317 PB 4268 1/2  
Comm. 8-22-51 Comp. 9-23-51  
Shot or Treated.  
Contractor. Chas. Hulme Drlg.  
Issued. 12-15-51



CASING:  
8 5/8" 425' cem w/250 sxs.  
4 1/2" 4296' cem w/200 sxs.

Elevation. 1877 DE

Production. SCC Pot. 99 bbls.

Figures Indicate Bottom of Formations.

surface soil, sand	200	Cored from 4225 to 4257 rec. 2'
red bed, shale, shells	425	Top 1' strks of sand & shale
red bed, shale	850	bleeding oil & gas
shale, shells	1445	Last 1' hard shale w/top 4"
shale	1700	bleeding oil & gas
shale, shells	1750	Cored 4257' to 4262 rec. 4' 8"
lime	1950	Top 4' 2" black, green, &
shale, shells	1985	gray hard shale
lime	2135	Last 6" hard sand, shale w/
sandy lime	2275	patches of white sand, no show
lime, shale	2960	of oil or gas
sand, lime	3090	shale
lime, shale	3170	gray, fine to medium
lime	3220	xyln dolomite
lime, shale	3325	finely xyln dolomite
lime	3415	finely xyln dolomite
sandy lime, shale	3495	Total depth PB 4268 1/2'
lime	3568	

fine to medium grained, micaceous sand	3578	Tops:
sand, shale	3665	Heebner shale
lime	4085	Douglas sand
lime, chert	4115	Brown Lime
chert	4130	Lansing Lime
shale	4139	Mississippi lime
chert	4195	Kinderhook shale
Cored: 4195' to 4225' rec. 60'		Viola lime
		Simpson shale
		Simpson Dolomite
		Simpson sand
		Arbuckle lime
		Acid treatment:
		500 gals 4296-4317

Oil 4195-4255 bleeding oil & gas  
Ran Halliburton drill stem  
test, packer set at 3549',  
open 30 mins., strong blow  
throughout, rec. 1320' of salt  
wtr., initial flow 130#, final  
flow 660#, BHP 1330#.  
Perforated 4 1/2" casing from 4218-  
4256' w/152 Lane-Wells Kone  
shots. Bailed & tested 6 hrs.,  
1 1/2 gals. of oil & no wtr. per  
hr.

Top 6' green shale, sandy  
shale, sandy lime w/thin  
strks of sand, bleeding oil  
and gas.  
Next 2 1/2' sandy shale w/sand  
strks, bleeding oil & gas  
Next 1 1/2' sandy shale  
Next 5 1/2' very cherty dolomite  
Next 1' very cherty dolomite,  
bleeding oil & gas  
Next 4 3/4' shale, sandy  
shale w/strks of sand  
Next 8 3/4' sand, bleeding  
oil & gas  
Next 14 1/4' strks of hard sand,  
& shale & sandy shale,  
bleeding oil & gas.  
Next 1' hard sand, bleeding  
oil & gas, well stained  
Next 3 3/4' hard shale,  
sandy shale, bleeding oil  
and gas  
Next 2 1/2' Thin strks of sand  
& shale, bleeding oil & gas  
Next 2' shale, sand, bleeding  
oil & gas  
Next 5' Shale w/strks of sand,  
bleeding oil & gas  
Last 1 1/2' Hard shaley sand,  
bleeding oil & gas, upper 1'  
well saturated w/oil.