

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - SKELLY OIL COMPANY
Farm - Helmke "H" No. 1

SEC. 6 T. 27 R. 12W
NE NE NE
330' fr NL, 330' fr EL of NE/4

Total Depth. 4326'
Comm. 10-14-48 Comp. 11-13-48
Shot or Treated. Shot and acid
Contractor. Overland Drlg. Co.
Issued. 2-26-49

County. Pratt
KANSAS



CASING:

8 5/8" OD 443' cem w/225 sx.
5 1/2" 4209' cem w/100 sx.
(8 5/8" set 6' in cellar, 5 1/2" cased to derrick floor)
Figures Indicate Bottom of Formations.

Elevation. _____

Production. POB 24 hrs, Pot of 26 bbl.

surface soil, sand, clay	250
redbed	400
redbed, shale, shells	443
redbed, shale, shells	723
anhydrite	755
redbed, shale	850
shale, shells	1410
salt	1480
shale, shells	1750
lime	2330
lime, shale	2735
shale	3000
lime, shale	3400
shale	3415
lime, shale	3460
lime	3615
lime, shale	3710
shale	3784
lime	4049
lime, chert	4085
lime cherty	4140
lime, chert	4158
chert, slightly porous	4197
shale, green waxy, slightly sdy	4201
dolomite, sdy fine xlynstringers	
thin shale, sdy shale	4225
sand, fine gy dolomitic	4228
sand, fine grain slightly porous	4232
shale, green slightly sandy	4234
shale, green	4238
sand, gy w/little green	
shale	4246
sand, gy	4254
sand, gy, brwon	4266
shale, green, sand	4300
dolomite, buff coarsely xlyn.	4317
dolomite w/80% dark shale	4322
dolomite, coarsely xlyn	4324
same	4326
total depth	

Acid and Shot Treatment:

11-7-48, 1000 gals,
4209-4234.
11-9-48, 40 qts, 4224 1/2 -
4252.
11-18-48, 300 gals,
4209-4326. all by Dowell.
Producing formation:
Arbuckle lime, 4322-4326

3800-04, fair por. black oil stain.
3837-42, por. w/spotted oil stain.
3857-67, sli. por. lime spotted sat.
4158-97, dead oil & appearing
oil saturation.
4228, 32, black oil stain.
4322-24, saturated, 20 gals oil pr hr.
4324-26, some saturation.

4246-51, no shows.
4251-54, no shows.

Tops:

Lansing lime	3699
Mississippi Lime	4121
Kinderhook Shale	4149
Viola Chert	4158
Simpson Shale	4197
Arbuckle Lime	4300