

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

Company- SKELLY OIL CO.
Farm-M. D. Burkner No. 4

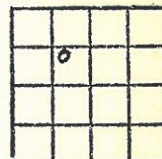
SEC. 18 T. 27 R.12W
NW SE NW
990' fr EL 990' fr SL NW/4

Total Depth. 4317 PBTD 4314
Comm. 4-6-53 Comp. 4-22-53

County Pratt

KANSAS

Shot or Treated.
Contractor. Claude Wentworth Drilling Co., Inc.
Issued. 6-13-53



Elevation. 1871 DF

Production. Pot. 547 BO

CASING:

8 5/8 set at 416' w/ 250 sx cement
5 1/2 set at 4317' w/ 200 sx cement

Figures Indicate Bottom of Formations.

surface soil	60	Used 260 BO, 5500# sand, Max. TP
sand, red bed & shells	416	3200# broke to 2800#, time 35 min.
red bed & shells	835	
shale & shells	1000	Ran 2" tubing & swbd. 5 hrs, 56 BO
shale & salt	1125	no water. SWBD 2 hrs, 72 BO no
shale & shells	1665	water & well started flowing thru
shale & lime	3210	2" tubing w/ 3/4" choke 2 1/2 hrs.,
sandy lime & shale	3270	69 BO. Flowed thru 2" tubing w/
lime	3330	20/64" choke 5 hrs, 87 BO no water
lime & shale	3420	flowed thru 2" tubing 8 hrs. w/
lime	3654	25/64" choke & BHP bomb 182,25 BO
sand	3685	no water to est State Pot.
shale & lime	3720	
lime	3790	
lime & shale	3825	
lime'	4155	
lime, shale & chert	4190	
lime	4235	
shale & lime	4263	
Cored from 4263 to	4317	
Recovered 54'		
top 2'6" shale		
next 6'6" quartzitic sand w/ thin		
shale streaks, spotted stain, bleed-		
ing oil		
next 10'6" quartzitic sand w/ very		
thin shale streaks, stained & sat-		
urated thruout, bleeding oil		
Next 6' quartzite w/ alternating thin		
shale & sand streaks, stained & bleed-		
ing oil in sand streaks		
next 23'6" quartzite w/ shaley streaks		
last 5' shale w/ quartzite bands at		
top.		
Total Depth		

TOPS:

Heebner shale	3508
Brown lime	3684
Lansing lime	3701
Base KC	4042
Marmaton	4054
Conglomerate	4118
Mississippi lime	4157
Viola lime	4187
Simpson shale	4248
Simpson dolomite	4254
Simpson sand	4267

Drilled cement plug & cleaned out
to 4314. Ran Gamma Ray Survey.
Perf. 4273-83 w/ 60 holes/ Bailed &
tested 16 hrs., 20 gals. oil no
water per hr.

Sand-Oil-Frac Treat-
ment 4273-83.