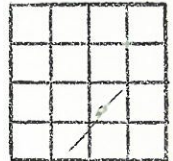


WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- STANOLIND OIL & GAS COMPANY
 Farm- Johan J. Helmke No. 1

SEC. 24 T. 27 R. 13W
 SW NW SE
 1650' N. of SL & 2310' W. of
 EL SE/4
 County Pratt
 KANSAS

Total Depth. 4460 PB 4379
 Comm. 12-28-53 Comp. 1-16-54
 Shot or Treated.
 Contractor.
 Issued. 3-6-54



Elevation. 1900 RDB

Production. Dry

CASING:

8 5/8" 686' cem. w/500 sx
 5 1/2" 4459' cem. w/100 sx

Figures Indicate Bottom of Formations.

sand & gravel	165	Cored #1 4-1/2' 4300-4304 1/2
shale, shells	210	Cored #2 50' 4310-4360'
red bed, shells & shale	678	Drilling Samples gry. tan doc. dolo. w/chert incl. no shows 4427-4460'
anhydrite	693	
red shale	1020	Perforated; Ran Gamma-Ray collar locator and perf. interval w/16 Welex Jet Shots 4349-4353'
shale, shells	1890	
shale, lime	2275	
lime	2430	
lime, shale	2885	Ran 2-7/9" EUE tubing w/packer set at 4341'
shale	2919	
lime, shale	3045	Sand oil fractured w/2730 gal. crude, 4000# sand, 250 gal. MCA
lime, shale	3290	
lime	3325	
lime, shale	3394	Bench Mark; Zero Point for top of RDB 7'7" from center of side outlets in Braden Head.
lime	3415	
lime, shale	3564	
lime	3599	
lime, shale	3740	
lime, shale	3758	
lime, shale	3790	
lime w/slight oil shows	3806	
lime, salt water	4026	
lime	4147	
lime	4210	
lime & chert	4297	
lime & shale	4322	
shale	4360	
chert	4367	
sand	4375	
sand, shale	4405	
shale	4427	
lime	4460	

Ran Sch. Elec. log to T,D.
 Total Depth PB 4379

Tops:

Heebner	3564
Iatan	3740
Lansing	3758
Mississippian	4147
Simpson	4322
Arbuckle	4427

Total Depth by Schlumberger
 4460', By Rotary Drill 4460'.

DST: #1 3789-3806' tool open
 1 hr. rec. 50' mud & wtr.
 BHP 257#.
 DST: #2 3991-4026' tool open
 1 hr. rec. 2150' salt wtr.
 BHP 1480#.
 DST: #3 4349-4360' tool open
 1 hr. rec. 30' slightly oil
 and gas cut mud BHP 53#.