

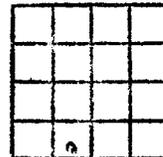
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

Company- BIRMINGHAM-BARTLETT DRLG.
 Farm- Herbert No. 1

SEC. 18 T. 13 R. 20W
 C S/2 SE SW

Total Depth. 3926'
 Comm. 10-30-58 Comp. 11-11-58
 Shot or Treated.
 Contractor. Birmingham-Bartlett
 Issued. 1-24-59

County Ellis
 KANSAS



CASING:

8 5/8" 211' cem w/170 sx.
 5 1/2" 3907' cem w/200 sx.

Elevation. 2243' DF

Production. 91 BOPD , 40% wtr.

Figures Indicate Bottom of Formations.

shale & shells	211	
shale & red bed	810	
shale & shells	940	
hard sand, iron		
shale strks	1300	#9 3761-70', op 20 min. weak blow 5", rec. 12' mud, BHP 650#.
red bed	1500	
red bed & shale	1580	
Anhydrite	1630	#10 3900-11', op 26", weak blow 11", rec. 15' mud w/spec. free oil. BHP 240#.
shale & shells	2150	
lime	2235	
lime & shale	3315	
lime	3911	RTD
lime	3926	CTTD
Total Depth		Tested 1/2 BOPH natural, no water. acidized w/1750 gal. Tested 5 BOPH. P.O.P. 12-19-58.

TOPS:

Anhydrite 1580
 Heebner 3494
 Toronto 3517
 Lansing 3532
 Arbuckle 3907

DST

- #1 3288-3303, op 1 hr. Rec. 360' gas, 96' oil cut mud & 90' muddy water, BHP 875#.
- #2 3526-38, op 1 hr. fair blow, rec. 35' oil cut mud & 5' free oil & 140' gas. BHP 0.
- #3 3557-77, op 1 hr, gas in 30", rec. 780' oil, BHP 1070#.
- #4 3578-96, op 1 hr., rec. 160' gas & mud cut oil, BHP 880#.
- #5 3599-3613, op 1 hr. rec. 2520' gas, 435' oil, 15' water, BHP 1380#.
- #6 3668-76', op 1 hr., rec. 975' gas, 110' oil IBHP 1195#, FBHP 1115#.
- #7 3688-3702, op 45", weak blow 30", rec. 15' mud, BHP 0.
- #8 3707-50', op 1 hr. rec. 60' gas, 1110'