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

Company- BENNETT & ROBERTS
Farm- Riffe "A" No. 1

SEC. 4 T. 7 R. 19W
NW SE SW

County Rooks
KANSAS

Total Depth. 3512'
Comm. 9-6-58 Comp. 9-14-58
Shot or Treated.
Contractor. Bennett & Roberts Drlg.
Issued. 11-15-58

Elevation. 2009 DF

Production. 30 BOPD

CASING:

8 5/8" 177' w/125 sx. cem.
5 1/2" 3501' w/125 sx. cem.

Figures Indicate Bottom of Formations.

surface soil and clay	60
sand	75
gray shale	150
blue shale	177
shale and shells	200
shale and sand	630
sand	1290
red bed	1480
hard sand	1540
red bed, shale & shells	1805
red bed and shale	1902
shale and shells	2040
shale and lime streaks	2150
lime and shale	2710
lime	2800
shale and lime	3111
lime	3159
lime and shale	3280
lime	3425
lime and shale	3495
lime	3502 RTD
lime	3512
Total Depth	

REMARKS

5½" casing was set @ 3501 (-1489) to facilitate drilling into an expected Arbuckle pay with cable tools. Cop 3/4 of mile Northwest, found 7 1/2 bbls. of fluid 50% oil in the Arbuckle @ a subsea minus of -1495 to 1500. Sierra, 1/3 of a mile to the south, encountered 15' free oil with 30' H.O.C.M. and 750 BHP in the Arbuckle from a subsea minus of -1492 to 1497.

TOPS: FORMATION	
Topeka lime	2976
Heebner shale	3173
Toronto Lime	3198
Lansing Kansas City	3214
Base Kansas City	3419
Weathered Arbuckle	3472
Arbuckle	3500

Electric Log: Lane Wells, Gamma Ray-Neutron inside 5½" casing.

DST #1 3218-32 Tool open 1 hr., fair blow for 60 mins., recovered 60' muddy oil, 60' froggy oil, 160' clean oil 80' formation water. BHP in 20 mins., 995 p.s.i., I.F.P. 150 p.s.i., F.F.P. 240 p.s.i.

DST #2 3240-60' Tool open 1 hr., weak blow 5 mins.. Recovered 20' watery mud, no show. B.H.P. in 20 minutes, 265 p.s.i.

DST #3 3272-80 Tool open 1 hr., light blow 60 mins., recovered 30' free oil, 20' heavily oil cut mud, 100' gas. B.H.P. in 20 mins., 400 p.s.i., I.F.P. 0 p.s.i., F.F.P. 0 p.s.i.

DST #4 3387-94 Tool open 1 hr., weak blow 5 mins., tool attempted to plug, flush tool after 45 mins,. Recovered 1' free oil 14' lightly oil cut mud. B.H.P. in 20 mins. 260 p.s.i., I.F.P. 0 p.s.i. F.F.P. 0 p.s.i.