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

Company: COOPERATIVE REFINERY ASSOCIATION& SHIELDS OIL PRODUCERS
Farm: Bichel No. 1
SEC. 31 T. 13 R. 14W
NW NE NW

County Russell KANSAS

Total Depth. 3304'
Comm. 3-1-57 Comp. 3-12-57
Shot or Treated. 500 gal. acid.
Contractor. Shields Drilling Company, Incorporated
Issued. 5-4-57

Elevation. 1879' RB

Production. 50 BOPD, no water

CASING:
8 5/8" @216' w/100 sx cem.
5 1/2" @3300' w/100 sx cem.

Figures Indicate Bottom of Formations.

top soil & clay	15
Post Rock	30
clay & shale	75
shale & shells	360
sand, Iron & shale	575
shale & shells	600
red bed	910
Anhydrite	955
red bed, shale & shells	1295
salt, shale & shells	1548
shale & lime	1630
lime & shale strks	1775
shale & lime	1910
lime & shale strks	1975
lime	2100
lime & shale	2320
shale & lime strks	2440
shale & strks of lime	2560
shale & lime	2770
lime	2923
lime & shale	2988
lime	3238
lime & shale	3296
lime	3300 RTD
lime	3304
Total Depth	

TOPS

Anhydrite(Scout)	910
Topeka (Scout)	2762
Heebner	2984
Toronto	3002
Lansing/Kansas City	3034
Arbuckle	3298

DRILL STEM TEST
DST #1 3015-3065 tool op.
1 hr. rec. 250' muddy SW.
BHP 610#/20 min.
DST #2 3070-3090 Tool op.
1 hr. weak blow thruout.
Rec. 240' HO & GCM, 100' SW. BHP 630#/20 min.
DST #3 3193-3236 tool op.
1 hr. weak blow increasing to good blow thruout.
Rec. 250' gas, 67' HOCM.
BHP 775#/15 min.

Drilled plug:
DD to 3302;
Acid 500
Put on pump.