

KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
 KANSAS GEOLOGICAL SOCIETY BUILDING
 508 EAST MURDOCK - WICHITA, KANSAS

COMPANY SHIELDS OIL PRODUCERS

SEC. 22 T. 14 N. 12W

LOC. NE SE 8W

FARM Morris

NO. 4

TOTAL DEPTH 3202'

COMM. 2-22-68

COMP. 2-28-68

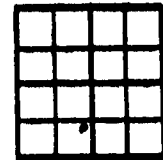
SHOT OR TREATED

CONTRACTOR Shields Drilling

ISSUED 4-27-68

COUNTY Russell

KANSAS



CASING

20 10
 15 5/8" 604' cem w/ 300 sx
 12 6
 13 5/2" 3125' cem w/ 75 sx

ELEVATION 1717' KB

PRODUCTION P 163 BOPD, NW

Lans 2872-84 Gray 38.1

	Anhydrite	699
	Topeka	2,516'
Tops:	Heebner	2,753'
	Toronto	2,770'
	Lansing - KC	2,839'
	Conglomerate	3,130'
	Arbuckle	3,196'

..... Figures Indicate Bottom of Formations

Sand, clay & shale	280'
Shale & sand	400'
Shale & redbed	599'
Anhydrite	635'
Shale & shells	1,090'
Shale, shells & salt	1,300'
Shale & lime	1,400'
Lime	1,740'
Lime & shale	2,535'
Lime	3,202' RTD

NOTES

- DST #1 2,842' - 2,865' Tool open 1 hr. w/ gas to surface in 40 min. Recovered 700' gassy oil. IBHP-640#, IFP-70#, FFP-225#, FBHP-615#/20 min.
- DST #2 2,865' - 2,890' Tool open 1 hr. w/ strong blow thruout. Recovered 1,100' gas, 60' SO & GCM, 180' HO & GCM, 120' oil. IBHP-688#, IFP-11#, FFP-152#, FBHP-650#/20 min.
- DST #3 2,890' - 2,930' Tool open 1 hr. w/ strong blow thruout. Recovered 820' gas, 60' SO & GCM, 60' O & GCM, 180' HO & GCM, 120' SO & GCW. IBHP-790#, IFP-60#, FFP-190#, FBHP-750#/20 min.
- DST #4 2,930' - 2,942' Tool open 1 hr. w/ fair blow thruout. Recovered 360' SO & GCMW. IBHP-790#, IFP-0#, FFP-180#, FBHP-778#/20 min.