

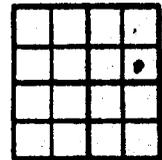
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
 KANSAS GEOLOGICAL SOCIETY BUILDING
 502 EAST MURDOCK - WICHITA, KANSAS

COMPANY GLEN N. RUPE
 FARM Stopple NO. 1

SEC. 24 T. 14 R. 11W
 LOC. C SE NE

TOTAL DEPTH 3170'
 COMM. 4-1-67 COMP. 4-10-67
 SHOT OR TREATED
 CONTRACTOR Gabbert-Jones Inc.
 ISSUED 6-15-68

COUNTY Russell
 KANSAS



CASING
 20 10
 15 8 5/8" 290' cem w/ 165 sx
 12 6
 13 5 1/2" 3169' cem w/ 150 sx

ELEVATION 1680' KB

PRODUCTION TEM ABDN

FIGURES INDICATE BOTTOM OF FORMATIONS

0	40	SHALE AND SAND
40	70	HARD SAND
70	170	SHALE
170	288	SHALE AND SAND
288	460	RED BED
460	480	ANHYDRITE
480	2020	LIME AND SHALE
2020	2200	LIME, SHALE AND SAND
2200	2520	LIME AND SHALE
2520	2645	LIME
2645	2805	LIME AND SHALE
2805	3035	LIME
3035	3120	LIME AND SHALE
3120	3160	CHERT AND LIME
3160	3170	LIME
3170	TD	

RAN 14 JOINTS OF 8-5/8" CASING, SET @ 290' w/165 SACKS CEMENT.

TOPS: LOG	
Heebner	2666
Toronto	2685
Base Toronto	2701
Douglas sand	2715
Brown lime	2758
Lansing Kansas	
City	2775
Base Kansas City	3054
Conglomerate	3088
Arbuckle	3150

RAN 88 JOINTS OF 5 1/2" CASING, SET @ 3169' w/150 SACKS CEMENT.

I, E. E. HALL, CERTIFY THIS IS A CORRECT COPY OF THE DRILLERS' LOG FOR THE WELL DRILLED IN THE C SE NE SECTION 24-14S-11W, RUSSELL COUNTY, KANSAS, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

E. E. Hall
 E. E. HALL

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC WITHIN AND FOR SAID COUNTY AND STATE, ON THIS 12TH DAY OF APRIL, 1967, PERSONALLY APPEARED E. E. HALL, TO ME PERSONALLY KNOWN TO BE THE IDENTICAL PERSON WHO EXECUTED THE WITHIN AND FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME AS HIS FREE AND VOLUNTARY ACT AND DEED FOR THE USES AND PURPOSES THEREIN SET FORTH.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL THE DAY AND YEAR LAST ABOVE WRITTEN.

R. D. A. P.