

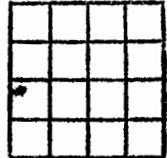
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- Martin & Keller
 Farm- Heckman No. 1

SEC. 11 T. 11 R. 23W
 50' SE/NW NW SW

Total Depth. 3732'
 Comm. 7-9-64 Comp. 7-17-64
 Shot or Treated.
 Contractor. Leben Drilling
 Issued. 10-10-64

County TREGO
 KANSAS



Elevation. 2224 KB

Production. 20 BOPD Δ /VV

CASING:

8 5/8" @ 207' w/ 175 sx:
 4 1/2" @ 3732'

Figures Indicate Bottom of Formations.

Shale & Sand	150
Shale & Shells	1400
Shale & Sand	1454
Red Rock & Sand	1687
Anhydrite	1729
Shale & Shells	2080
Shale & Lime	2345
Lime & Shale	2660
Shale & Lime	3255
Lime	3732
TOTAL DEPTH	

TOPS

Anhydrite	1687
Heebner	3439
Toronto	3461
Lansing	3474
Base. Kansas City	3698

State Geological Survey
WICHITA, BRANCH

11- 11- 23W

11-11-23W
RECEIVED
STATE CORPORATION COMMISSION

SEP 13 1966
CONSERVATION DIVISION
Wichita, Kansas

DRILLER'S LOG

COMPANY:	Martin & Keller
CONTRACTOR:	LEBEN DRILLING, INC.
FARM:	HECKMAN #1
LOCATION:	50' SE of NW NW SW TREGO COUNTY, KANSAS
COMMENCED:	7-9-64
COMPLETED:	7-17-64

0	150	Shale & Sand
150	1400	Shale & Shells
1400	1454	Shale & Sand
1454	1687	Red Rock & Sand
1687	1729	Anhydrite
1729	2080	Shale & Shells
2080	2345	Shale & Lime
2345	2660	Lime & Shale
2660	3255	Shale & Lime
3255	3732	Lime
	<u>3732</u>	<u>Rotary Total Depth</u> - Set 4 1/2" Casing

Set 8 5/8" casing @ 207' with 175 sacks Sunset

I, Leslie Kite, do hereby certify that the above and foregoing is a true and correct copy of the log of the Heckman #1 well, located 50' Southeast of NW NW SW of Section 11, Township 11 South, Range 23 West, Trego County, Kansas, this as reflected by the files of Leben Drilling, Inc.

Leslie Kite

Leslie Kite

STATE OF KANSAS)
) SS
COUNTY OF BARTON)