KANSAS GEOLOGICAL SOCIETY

KANSAS WELL LOG BUREAU — KANSAS WELL SAMPLE BUREAU

KANSAS GEOLOGICAL SOCIETY BUILDING

508 EAST MURDOCK - WICHITA, KANSAS

COMPANY EMPIRE DRILLING

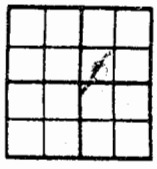
SEC. 18 T. 10 R. 24W

LOC. SE SW NE

FARM Hobbs NO. 1

COUNTY Graham

KANSAS



TOTAL DEPTH 4000'

COMM. 11-8-67 COMP. 11-18-67

SHOT OR TREATED

CONTRACTOR Leben Drilling

ISSUED 12-30-67

CASING

20	10	
15	8	5/8" 185' cem w/ 135 sx
12	6	
13	5	

ELEVATION 2453' KB

PRODUCTION Dry / BKC

FIGURES INDICATE BOTTOM OF FORMATIONS

0	145	Clay, Rock, Shale
145	1100	Shale
1100	1278	Shale, Sand, Shells
1278	1840	Shale, Sand
1840	1985	Redbed
1985	2080	Shale
2080	2117	Anhydrite
2117	2175	Shale
2175	2400	Shale, Shells
2400	2490	Shale, Lime
2490	3295	Lime, Shale
3295	3560	Lime
3560	3678	Lime, Shale
3678	4000	Lime
	4000	RTD - D. & A.

TOPS: SMP

Anhydrite	2080
Base Anhydrite	2117
Topeka	3509
Deer Creek	3558
Oread	3666
Heebner	3723
Toronto	3745
Lansing	3761
Muncie Creek	3881
Base Kansas City	3993



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8 5/8" used surface casing set @ 185' cemented with 135 sacks of Common, 2% cc

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I, Leslie Kite, do hereby certify that the above and foregoing is a true and correct copy of the log of the Hobbs #1 Well, located SE SW NE of Section 18, Township 10 South, Range 24 West, Graham County, Kansas, as reflected by the records of Leben Drilling, Inc.

Leslie Kite

Leslie Kite

STATE OF KANSAS)
) SS
COUNTY OF BARTON)

Subscribed and sworn to and before me, a Notary Public, in
[illegible] for Barton County, Kansas, [illegible]