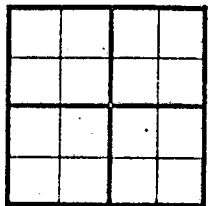


Company Glenn Rupe
Contractor Leben Drilling, Inc.
Farm Engel
Total Depth 3980'
Commenced August 15, 1972
Completed August 25, 1972

Sec. 36 T. 13S R. 20W
Loc. W/2 SW NW
County Ellis Co. KS
Casing 10 3/4"
Production 5 1/2"

REC'D AUG 29 1972



Figures Indicate Bottom of Formations

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NOV 14 1973
11-14-73
CONSERVATION DIVISION
Wichita, Kansas

0	70'	Surface Soil & Post Rock
70'	100'	Sand & Shale
100'	209'	Shale
209'	1010'	Shale & Sand
1010'	1537'	Sand & Shale
1537'	1580'	Anhydrate
1580'	1830'	Shale
1830'	2530'	Shale & Lime
2530'	2950'	Lime & Shale
2950'	3115'	Shale & Lime
3115'	3260'	Lime & Shale
3260'	3885'	Lime
3885'	3980'	Arbuckle

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CONSERVATION DIVISION
Wichita, Kansas~~

State of OKLAHOMA
County of OKLAHOMA

SS

I, Leslie Kite of Leben Drilling, Inc., upon oath state that the above and foregoing is a true and correct copy of the log of the Engel #1 Well.

Leslie Kite

Subscribed and sworn to before me this 28th day of August, 1972

My Commission Expires: 5/23/76

Brendal Kay Swank