

E.H. HASEN No 1

F. and No. Farm and No. Pool Map No.

MIDCONTINENT PETRO. CORP.

Op. Operator

KANSAS GRAHAM

T. R. State County

8 350 60' S 60' E 60' E 1/4 SE 1/4

Dist. and direct. from town

ISSUED 10-9-43

18

Alt. Collector

CSESE BARNETT DRILL CO.

Prod. Authority Date drilled

DRY COMM. 8-19-43 COMP. 9-15-43

TOTAL DEPTH 4459' - 10 3/4" CEM 311 1/4"

0'

100'

200'

300'

400'

500'

600'

700'

800'

900'

1000'

1100'

1200'

1300'

1400'

1500'

1600'

1700'

1800'

1900'

2000'

2100'

2200'

2300'

2400'

2500'

2600'

2700'

2800'

2900'

3000'

3100'

3200'

3300'

3400'

3500'

3600'

3700'

3800'

KANSAS CITY

3900'

4000'

4100'

4200'

4300'

4400'

"Simpson"

ARBuckle Dolomite (over)

TOTAL DEPTH 4459

TOPS:	Topeka	3313'
	Lansing	3687'
	Base K.C.	3902'
	Miss.	4232'
	Viola	4330'
	Simpson	4435'
	Arbuckle	4444'