

S. 18 T.24 R.14
 Lease 160 acres, being NW $\frac{1}{4}$ 200' north and 200' east of SW
 corner of lease.

E. R. Kimbell Well No. 5.

18-24-14 E

Strata Thickness Depth.

Soil	3	3
Broken Lime	2	5
Gumbo	5	10
Sandstone	5	15
Mud Blue	30	45
Lime, white, hard	5	50
Shale, white	20	70
1 b. Water 60'		
Lime, white	10	80
Shale, white	30	110
Lime, white, hard	5	115
Lime	5	120
Shale	5	125
Lime, white	5	130
Shale	20	150
Lime, white, hard	20	170
Shale, brown	15	185
Shale	5	190
Lime, white	10	200
Shale	15	215
Lime, broken	14	229
2 blrs Water 224'		
Shale, blue	36	265
Shale	38	303
Lime, hard	5	308
Shale	5	313
Lime, white, hard	10	323
Shale	152	475
Lime	43	520
Shale, black	2	522
4 blrs. water		
Lime, pink, hard	20	542
Shale, white, hadd	5	547
Lime	163	710
Sand H.F.W	20	730
Lime	39	769
Sand, water, black	4	773
Red Rock	8	781
Shale	22	803
Lime, grey	5	808
Shale	13	821
Lime, pink, hard	44	865
$\frac{1}{4}$ million gas		
Lime, hard	15	880
Shale, black	5	885
Lime	30	915
Shale	5	920
Lime	60	980
Sand, dry	20	1000
Shale	80	1080
Shale	25	1105
Lime	20	1125
Shale, brown	3	1128
Lime	25	1153
Shale, blue	10	1163
Sand, dry	12	1175
Shale	30	1205

Strata Thickness Depth

Shale	361	1636
Top Mississippi Lime	SLM	1636
Sandy Lime	13	1649
Lime, dark, hard	4	1653
Lime, white, hard	6	1659
Lime, sand, soft, brown	16	1675
Lime, sand, brown, pay	2	1677
Flint, white, hard	1	1678
Sand, lime, light, brown oil and water	5	1683
Plugged back to 1677 with Robinson Limit plug		
First show oil (rainbow)		1663
First free oil		1671
Main pay	1675-	1677
Oil and water	1678-	1683
16" wooden conductor		
12 $\frac{1}{2}$ " 50# Casing	229	pulled
10" Casing 35# set	303	pulled
8 $\frac{1}{4}$ " 24#	1120	pulled
6 5/8" 17# (6 jts. 20#)	1636-4	

Drilling commenced Dec. 29, 1920
 Drilling completed Feb. 1, 1921

Shot Feb. 22, 1921 20 qts. 1647-52
 Shot Feb. 26, 1921 30 qts. 1660-73

Oil production first 24 hours after
 second shot -----35 barrels
 Oil production second 24 hours after
 second shot -----15 barrels

Producing Oil Well.

Gates Oil Company.

Woodson County, Kansas.

W. L. Stryker Est.

226801

Lime shells	30	1235
Shale	10	1245
Lime	5	1250
Shale	15	1265
Lime SLM	10	1275