

Casing Record

30" 194'
 15" 438'
 12" 1140'
 10" 2470'
 UR 10" 2660'
 8" 3251'
 5-5/8" 4005'
 UR 8" 3543'
 UR 6" 4790'

KUMBERG WELL NO. 1
 Located; SE Cor SE SW SE
 Section 2, Township 30, Range 12 West
 Barber County, Kansas.
 Company; Allison-Fitzwilliam Petroleum Corp.
 Contractor; "
 Commenced; March 30, 1930.
 Completed; February 13, 1931.

RECEIVED
 MAR 14 1931
 GEOL. DEPT.

REC'D OCT 4 1931

Formation	Depth	Formation	Depth
Sand	191	Shale	2350
Red rock	275	lime	2355
lime	320	slate, blue	2375
red rock	375	lime	2395
Lime, sandy -6 BW 385	395	red rock	2408
red rock	405	lime	2460
sand	427	shale, blue	2470
red rock	535	lime	2475
lime	565	lime, hard	2482
red rock	595	shale, blue	2493
lime, sandy	620	lime	2495
red rock	785	shale	2500
slate, blue	830	lime	2550
red rock	910	red rock	25555
lime	925	lime	2593
red rock	945	sandy lime	2600
shale, brown	968	lime	2610
shale, red	975	shale, black	2614
shale, brown	985	lime	2624
red rock	1140	slate, black	2628
lime, hard	1166	lime	2630
shale, blue	1220	sandy lime	2640
lime	1225	Caving- Hole making 9 BWPH 2637	
shale, light	1240	Caving badly @ 2640	
shale, white and lime shells	1260	lime	2645
shale, blue	1285	lime, broken	2653
shale, white	1310	slate, light	2670
shale, black	1345	lime	2712
salt and shale breaks	1398	shale, dark	2717
lime	1402	lime, broken	2730
salt	1480	shale	2735
shale, blue	1490	shale, blue	2750
salt	1510	lime, hard	2760
sand and lime shells	1580	slate, dark	2771
lime	1595	lime	2788
salt	1750	shale, blue	2795
lime, hard	1772	shale, sandy	2813
salt	1785	lime	2817
lime	1800	shale	2830
slate, black	1810	lime	2833
lime	1825	shale	2838
shale and broken lime	1865	lime	2864
lime, hard	1872	shale	2867
lime, broken	1935	lime, hard	2870
lime and shale, broken	1955	slate, blue	2900
shale, blue	2000	lime	2901
broken lime and shale	2017	slate, light	2905
lime, sandy	2035	sandy lime	2916
lime, sandy, black	2050	blue shale, sandy	2951
lime, black	2060	sandy lime-shale	2972
lime, gray	2130	lime	2984
red rock	2140	blue shale	3017
lime, gray, sandy	2180	shale, blue	3020
lime, hard	2230	lime, hard	3035
HFH 2230 - SOME GAS		shale, blue	3043
SAND; WATER	2270	lime, gray	3130
hard lime	2280	slate	3133
shale, blue	2292	lime	3137
red rock	2295	red rock	3140
lime	2309	lime	3190
shale, blue	2320	sandy lime	3215
shale, sandy	2329	slate, black	3223
red rock	2336	lime	3240
hard lime	2343	hard lime	3250
lime	2346	lime, sandy	3320

SHOW OIL 3005-15

Formation	Depth
Lime, dark	3323
broken lime and shale	3350
shale, dark	3370
lime	3380
lime, hard	3400
lime	3445
lime, gray and sandy	3465
lime HFW 3485	3485
sand - WATER	3493
shale and lime shells	3498
black, sandy lime	3520
gray lime, sandy	3525
black lime, sandy	3533
shale, black	3543
lime, white	3557
shale, blue, sandy	3673
lime	3678
shale, dark	3700
lime 1 BW @ 3720	3720
lime, broken and shells	3765
lime, broken	3775
lime, sandy HFW 3775-85	3790
lime Caving	3800
lime, sandy	3825
sand	3845
slate	3912
lime Caving badly	3975
sandy lime- WATER-HFW 3990	4000
slate, dark	4005
lime	4025
lime, black	4035
shale	4046
sand WATER-HFW 4055	4065
lime, sandy	4075
shale	4085
lime	4092
shale, dark	4107
broken lime	4118
black slate	4127
shale, blue	4134
lime	4153
shale	4160
lime	4165
shale, dark	4170
lime HFW 4185	4185
sandy lime	4250
shale, dark	4254
lime	4265
lime, hard	4288
shale, black	4290
lime	4295
Cable measure is 4295	
Steel line measure 4312	
lime	4380
S.O. 4370 - Caving 4365	
lime, broken	4390
chat	4425
lime	4434
shale	4570
lime, gray, hard	4622
Small show OIL 4575-80	
lime, gray, hard and sandy	4660
lime, hard	4667
sand, white HFW 4679 58	4680
sand	4733
Small show gas 4700	
green shale	4744
shale	4764
Lots of cave 4756	
green shale	4772
slate - caving	4790
Water @ 4795 - 2 BWPH	

Formation	Depth
Lime	4805
shale, dark HFW	4807
lime	4818
lime, sandy	4825

Total Depth 4825

DRY & ABANDONED

CERTIFICATION

I hereby certify that the above and foregoing log is a true and correct copy of the original log of the Kumber Well No. 1 in 2-30S-12W, Barber County, Kansas, drilled by the Allison-Fitzwilliam Petroleum Corporation.

Ernest Fitzwilliam
Field Superintendent

County of Sedgwick
State of Kansas.

SUBSCRIBED in my presence and sworn to before me this 28 day of February, 1931.

Mary B. Hupp
Notary Public

My commission expires:

April 6 - 1931