21-26-17W

Plotted

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

SEP 1 1930

Location NE¼c SW ¼ Hole drilled by Rotary to 4540 Sec. 21 T. 26 R.17W.
2310 fr SL 2310 fr W.L. SW¼

Casing Record
10"
20" 60' 8¼" 4497
15½" 242 6⅝" 5095
12½" 471 53/16"
Total Depth 5220'.

County- Edwards
Farm- E.M. Johnson No. 1
Company- Skelly Oil Company.
Contr.- Campbell-Southern
Comm.-11-6-29 Comp.- 5-16-30
Shot Quarts Between
Correspondence Regarding This Well Should Be Referred to

Elevation 2133
Initial Production Dry Hole.

Figures Indicate Bottom of Formations.
Date Issued. 8-30-30

Formation	Depth
surface soil & sand	14
quick sand	60
sand and gravel	140
sand and clay	200
shale blue	350
sdy shells and sand	400
red bed	500
shale and shells	550
red rock and gyp shells	700
shale blue	720
red bed and gyp shells	785
red shale	890
sand and shale	920
red bed	1000
sdy shale and shells	1085
red bed and gyp shells	1150
gyp and shale	1210
shale blue	1360
red rock	1400
shale and shells	1465
shale blue	1525
shale and gyp shells	1640
shells	1680
shale blue	1700
shale and gyp sehlls	1730
shale blue and gyp	1875
salt and gyp	2000
gyp	2025
broken salt and gyp	2100
gyp and shale	2155
broken gyp	2205
gyp and shale	2285
lime	2295
sdy lime hard	2340
lime grey	2375
lime and shale	2420
broken lime	2450
lime	2465
shale red	2505
shale and lime	2560
sdy lime	2610
red bed	2620
lime	2650
lime and shale	2680
shale	2700
lime and slate	2730
lime	2785
lime and shale	2810
broken lime	2835
shale & gyp shells	2900
slate blk	2940
lime	2950
shale blk	2990
lime and shale	3000
lime hard	3015
sdy lime and shale	3045
shale blue and lime	3110
shale blue and shells	3185
broken lime and shale	3225
lime hard	3230
broken lime and shale	3270
broken lime	3295
shale blue	3350
lime hard	3365
broken lime and shale	3390
lime and shale	3435
lime	3440
shale blue	3475
lime	3485
broken lime and shale	3550
shale	3560
lime hard	3600
broken lime and shale	3645
lime	3715
broken lime	3730
lime hard	3775
slate blk	3788
lime hard	3820
broken lime	3850
lime hard	3890
broken lime	3985
lime	3995
shale	4020
lime	4027
shale(cored 4041-4052 re-	4038
lime covered 4' 90% lime	4110
broken lime break)	4115
lime W. sh of chat	4120
Porus lime	4135
lime	4165
broken lime	4185
lime	4230
shale	4238
lime	4285
broken lime W./shale	4300
lime	4315
broken lime	4325
lime	4345
lime and shale	4355
lime	4375
lime and shale	4385
red bed	4390
lime	4399
shale	4401
lime	4409
shale	4415½
shells	4416
shale	4424
lime	4427
shale	4445
lime	4471
shale	4474
lime	4476
shale	4486
lime	4498
S.L.C. 4503	
shale and lime	4517
Cored 4503-4517 in shale, line and red and green shale	

OVER

181444

E.M. Johnson #1. Skelly Oil Co. 21-26-17W.

Formation	Depth
shale blk	4518
cored 4517-4519½ recovered 2' top 1' blk shale lower 1' hard sdy lime with large angular chert and blk shale.	
hard sdy lime chert and shale	4519½
sdy lime	4522½
lime	4526
sdy shale	4530
cored 4526-4531	
lime and chat	4531
sdy lime and chat	4537
chat hard	4540
cored 4537-4540 had small sh gas at 4540 and standarized rig at that depth.	
lime white	4559
showing gad est 5,000 cu ft per day 4540-4545.	
red bed	4573
reduced hole 4559	
sdy lime	4587
lime	4630
red sdy lime	4670
S.R. hole 4559-4621 and drilled ahead.	
sandgrey	4696
had 3000' water from grey sand 4672-4682.	
sdy lime grey	4742
sdy shale grey	4754
sdy lime grey	4774
shale blue	4784
broken lime grey	4799
shale blue	4817
broken lime grey	4832
Water inc. to 3700' in broken lime 4817-4825	
reduced hole at 4852.	
shale blue	4890
lime	4895
lime grey	4907
lime white	4918
S.R.hole 4852-4907 and ran 6-5.8 casing at that depth.	
lime white hard	4946
lime white	5015
had 3750' water in lime 5002-5010	
lime brown	5020
lime white	5130
UR and lowered 6-5/8 5095	
lime grey	5175
sdy lime grey	5210
½BWPHR 5195-5200	
water sand	5220
hole commenced filling with wtr at 5214 in few hrs had filled 1000'.	
T.D.	5220.

Geological Data as determined by Geologists. Top chat 4517. probable top Viola lime 4690 Top of Simpson 4799. Top Siliceous lime 4888