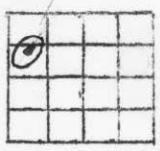
County Atchison



sec. 15 twp. 65 rge. 40

owner Short, Dan

elev 1018 MGS# 8652 spl ✓

farm Giffin No. 1 TD 1447 fm@TD Cherokee shows oil ~~no~~

status D&A date completed 7-23-44

remarks:

00008

~~00011~~

Log of Dan Short No. 1 Giffin. Location: approximate Cen. N 1/2 SW 1/4 NW 1/4 sec. 15, T. 65 N., R. 40 W., Atchison County, Missouri. Surface elevation, 1018 feet (H.L.). Commenced, 4-26-1944, and completed, 7-18-1944. Total depth, 1447 feet. Dry and abandoned. Drilled with cable tools. Casing record: 12 1/2 inches set at 45 feet; 10 inches at 281 feet; 7 inches O.D. at 1080 feet; and 5 1/2 inches at 1324 feet.

FORMATIONAL SUMMARY

Pennsylvanian system:	*Thickness, feet*	*Depth, feet*
No samples	290	290
Shawnee group	118	408
Douglas group	182	590
Lansing-Kansas City groups	264	854
Pleasanton-Henrietta groups	198	1052
Cherokee group (base not reached)	395	1447, T.D.

DRILLER'S LOG

Surface soil and yellow clay	40	40
Water sand	85	125
Shale, blue	110	235
Sand (water)	71	306
Shale, blue	169	475
Red rock	15	490
Shale, blue	91	581
Red rock	4	585
Shale, brown	15	600
Lime	6	606
Shale, brown	3	609
Lime	29	638
Shale, blue	6	644
Lime	9	653
Shale, blue	5	658
Lime	5	663
Shale, blue	29	692
Lime	21	713
Shale	5	718
Lime	87	805
Shale, blue	25	830
Lime	30	860
Shale, blue	30	890
Lime, hard	20	910
Shale, black	5	915
Lime	20	935
Shale, blue	30	965
Lime	9	974
Shale	11	985
Lime	12	997
Shale, blue	4	1001
Shale	2	1003
Lime	17	1020
Shale	5	1025
Lime	3	1028
Shale, blue	9	1037
Shale, black	5	1042
Shale, blue	5	1047
Lime and shale	5	1052
Shale, blue	28	1080
Shale and lime shells	45	1125
Lime	7	1132
Shale, black	3	1135
Lime	17	1152
Shale	5	1157

	Thickness, feet	*Depth, feet*
Lime and shale	5	1162
Shale, blue	28	1190
Lime	2	1192
Shale, black	5	1197
Shale, blue	13	1210
Shale, sandy	10	1220
Shale, blue	15	1235
Red rock	5	1240
Shale, brown	5	1245
Shale, gray	15	1260
Lime	2	1262
Shale, blue	8	1270
Shale, green	20	1290
Shale, gray	7	1297
Shale, green	6	1303
Red rock	7	1310
Shale, black	5	1315
Shale, green	5	1320
Shale, gray	5	1325
Shale, blue	10	1335
Lime	2	1337
Sand (oil showing)	4	1341
Shale, black with thin streaks of sand (oil stained)	6½	1347½
Shale, black	4	1351
Sand, white (Water rose 800 ft. in hole)	12	1363
Shale, black	53	1416
Sand, white	2	1418
Shale, black	29	1447, T.D.

RECENT DRILLING

in

NORTHWESTERN MISSOURI

By

FRANK C. GREENE

REPORT OF INVESTIGATIONS NO. 1

1945

EDWARD L. CLARK, *Director and State Geologist*

MISSOURI GEOLOGICAL SURVEY AND
WATER RESOURCES

ROLLA, MISSOURI