

I.D. NUMBERS

OPERATOR: H. & R. Oil Company
 FARM: Charles Marcum
 WELL NUMBER: #1
 LOCATION: Ewing 7.5' Quad.
 LAT.:
 LONG.:

V.D.M.R. 149
 OIL & GAS M-58
 INSPECTOR A6LE
 API _____

ELEVATION: 1365±'
 TOTAL DEPTH: 1837'
 DRILLING COMMENCED: January, 1948
 WELL COMPLETED: March, 1948 ?
 RESULT: Small oil producer, dry in 3 months
 Plugged (?) 1954

LOGGED BY Bartlett Energy Expl.
 Inc. (SMB)

GEOLOGIC LOG

INTERVALDESCRIPTION

0-403	No samples
403-12	sh: m-dk gy, sl. slty, SOMEWHAT calc slick, w/lis (10%) m. lt gy-bn, fn. gr., sdy.
412-25	sh: m-lt gy, sl. slty, calc. w/lis (5%) a.a.
425-32	sh: a.a. w/ss: (25%) wh-v. lt. gy, fn. gr., sbrdd, calc. cem. v/ool: (15%) m. gy, m. gr., sdy.
432-41	ss: a.a. w/sh: (25%) a.a. slick. w/Dol: a.a. (15%)
441-52	sh: w/ss: (30%) w/Dol: a.a.
452-61	ss: a.a. w/sh: (5%) w/Dol: (5%) a.a. w/tr. ool. Dol. tan-lt gy, fn. xln.
461-71<	sh: a.a. w/ss (15%) a.a. w/sdy. Dol (5%) a.a.
471-80	a.a.
480-92	sh: m-dk gy., sl. slty, calc, w/tr. ool. Dol; & tr. ss. a.a.
492-509	a.a. w/v. ool. Dol.
509-522	a.a.
522-34	a.a.
534-46	a.a. w/Dol: (5%) m. gy, m. gr., sdy.
546-54	sh: m-dk. gy, gy-gn, sl. slty, calc. w/o Dol, w/slst: (5%) mar, v. fn. gr., ang., Calc.
554-65	slst: a.a. w/sh: a.a. (45%)
565-80	slst: w/tr. sh. a.a.
580-92	sh: a.a. w/slst: (45%) a.a.
592-600	sh: m. gy, slty, calc. mic. w/lis: (10%) m. lt. gy-bn, v. fn. gr., calc.
600-746	No sample EXAMINATION.
746-53	sh: m-dk gy, sl. slty, sl. calc, mic w/lis: (10%) m gy-tan, trnsl., fn xln.

753-60 a.a.
 768-69 a.a.;foss. Brach.
 769-78 a.a.
 778-85 a.a. w/ mdst: (10%) lt. rd.,v. fn. gr.,calc.
 785-89 Mdst: a.a. w/ sh (20%); ls (15%) a.a.;foss. Brach.
 789-97 Mdst: a.a. w/sh (5%) & ls: (10%)
 797-802 a.a.
 802-1046 No sample **EXAMINATION**
 1046-55 sh: m. gy, sl. slty,calc, w/tr. ls: v. lt. gy-tan, fn. xln.
 1052-62 sh: a.a. w/ls: (5%) a.a.;foss. Brach.
 1062-67 No sample
 1067-74 sh: m-dk. gy, fiss. slick, mic, w/ls: (5%) lt. gy-lt. bn, sparry, crs. gr.,calc, foss. Brach.
 1074-80 a.a.;foss Brach.
 1080-87 a.a.
 1087-97 sh: m. gy, sl. slty, mic. w/ls: (5%) a.a.;foss. Brach.
 1097-1107 sh: m. dk. gy, fiss., slick mic. w/ls (5%) a.a.;foss. Brach.
 1107-13 a.a.; foss. Brach
 1113-19 a.a.; foss. Brach
 1119-35 No samples
 1135-45 sh: m-dk gy, fiss., slick, mic. w/ls: (5%) a.a.;foss. Brach.
 1145-56 a.a.;foss Brach.
 1156-64 a.a.;foss Brach.
 1164-70 No sample
 1170-85 sh: m. dk.gy,fiss. slick, mic w/ls: (5%) lt. bn-lt gy, sparry, crs gr.,calc.;foss. Brach.
 1175-80 a.a.
 1185-94 No sample
 1194-1201 sh: a.a. w/ls (45%) a.a. lt. bn-lt gy, trnsl, fn. gr.,m-xln.
 1201-13 a.a.
 1213-19 sh w/ls. a.a. (50%)
 1219-27 sh w/ls. a.a. (50%)
 1227-35 a.a.;ls. (30%)
 1235-45 sh: w/ls: (15%) m.-lt gy. bn, trnsl, *SOMEWHAT* sparry, crs gr.-m. xln, foss. Brach.
 1245-52 a.a.
 1252-1665 No sample **EXAMINATION**.
 1665-78 a.a. w/ls (20%);foss. Brach.
 1678-90 sh w/ls: (30%): a.a.;foss. Brach.

1690-98 a.a.; foss. Brach.
 1698-1710 a.a.; foss. Brach.
 1710-1716 No sample
 1716-23 ls w/sh: (40%) a.a. foss. Brach.
 1722-28 a.a. foss. Brach.
 1728-37 a.a.
 1733-37 a.a. Bentonite
 1737-49 ls: m. bn-lt gy-bn, trnsl, *SOMEWHAT* sparry w/sh (20%)
 m. gy. sl. slty calc. w/tr. Bent.
 1749-59 a.a. w/Bent.
 1759-68 a.a w/Bent (25%)
 1769-79 a.a. w/ Bent (40%)
 1779-90 a.a.
 1795-1800 a.a. w/Bent. (5%)
 1800-10 a.a.
 1810-20 a.a. w/Bent (20%)
 1820-27 a.a. w/ Bent (10%)
 1827-37 a.a.

Pine Mtn. Fault	?
Clinton Formation	-
Poor Valley Ridge Mbr.	- 460'
Hagan Shale Mbr.	460-550'
Sequatchie formation	550 -
Reedsville shale	- 1190'
Trenton Limestone	1190-1730'
Eggleston Formation	1730 - T.D.