

A-17-LE

OPERATOR: Rouge Oil (Later Re-Opened by Robert Spear)
FARM: James Ray (Now Called Lizzy Ray)
WELL NUMBER: #1
LOCATION:

LAT:
LONG:

ELEVATION: 1350'

TOTAL DEPTH:

DRILLING COMMENCED:

DRILLING COMPLETED: 1948

RESULT: Made 200 bbls/day for several weeks, 35 bbls/day 3 months later; shut-in at some point, later re-opened as a small producer (86.29 bbls. reported in 1979)

PARTIAL GEOLOGIC LOG

<u>INTERVAL</u>	<u>DESCRIPTION</u>
0-402	Not examined, Well Collar in Clinton Shale
402-410	Shale, m. dk. gray w/slightly green tint, finely micaceous, v. slightly dolomitic slightly silty w/minor ams Siltstone/ v. fine sandstone white, lt. green and dk. reddish brown (maybe cavings)
410-416	Shale, as above, w/occasional slickensides
416-423	Shale, as above, slightly more silty w/gray-brown to m. dk. gray coloration (samples unwashed)
423-431	Shale as above (Samples unwashed)
431-441	Shale as above (Samples unwashed)
441-451	Shale as above (Samples unwashed)
451-457	(Not examined) <i>Not available?</i>
457-466	Shale and fine siltstone, m. dk. gray, minor reddish brown, micaceous slightly limy.
466-473	Shale and siltstone, m. dk. gray, greenish gray as above; minor amounts of dark reddish brown finely pelletoidal hematite
473-484	Shale & siltstone, dk. gray - greenish gray as above, w/ @ 30% m. dk. gray Sandstone - mud - supported black grains & clear qtz. grains, subrounded and frosted

<u>INTERVAL</u>	<u>DESCRIPTION</u>
484-491	Shale and sandstone and siltstone as above
491-500	Mudstone, and coarse siltstone/fine sandstone dk. reddish-brown, limy, grainy appearance (90%); Siltstone, fine sandstone and shale, dk. gray to greenish gray, micaceous (10%).
500-511	As above
511-517	As above
517-748	Not Examined
748-759	Mudstone/siltstone, dk. reddish brown and m. dk. grayish green, very limy, fine grained (60%); Limestone med. gray, fine xln., w/ minor creme-gray, very argillaceous (40%)
759-772	As above, plus small amount of limestone, dk. gray, fn. xln., silty
772-781	Limestone, m. dk. to dk. gray, fn. xln, grainy appearance, silty, argillaceous w/fine black fossil (?) fragments common (show best when sample wet); minor limestone lt. gray to m. gy. brown, v. fine to fine xln; fairly dense; minor green glauconite on some cuttings; @ 10% of sample dk. red-brown siltstone, probably cavings from above
781-788	Limestone, m. dk. gray, fine xln, argillaceous, granular texture, w/ brachiopod shell fragments & other unidentifiable fossil fragments; Some of the limestone is very argillaceous, virtually a limy shale; minor cavings of reddish brown siltstone/mudstone
788-796	As above, more shaly in nature
796-806	As above
806-813	Limestone and shale
813-1078	Not examined
1078-1083	Limestone, m. dk. gy., fn. crystalline, argillaceous (30%); shale, dk. gray to dk. greenish-gray, silty, slightly limy (70%)

<u>INTERVAL</u>	<u>DESCRIPTION</u>
1083-1093	No Sample
1093-1098	Shale as above (75%) Limestone as above (25%); minor fossil fragments, probably brachs.
1098-1108	As above w/ minor Calcite, white-creme, med. xln, probably fracture fillings
1108-1116	As above, w/ minor creme-colored mud-supported calcarenite
1116-1123	As above, w/ brachiopod fossil fragments.
1123-1131	As above w/ approximately 50-50% limestone-shale, abundant fossil debris, occasional rounded pellet
1131-1137	Shale mostly dk. gray as above (65%) limestone as above (35%) plus minor amts. of white med. crystalline calcite fracture filling (?) and minor gy.-green fine xln limestone; A few broken brach. fossils
1137-1145	Shale w/ limestone, as above
1145-1155	Shale, as above w/ some limestone as above (75%); limestone, med. gy.-brown, med. crystalline to fine xln (25%) w/ minor amts. mud-supported calcarenite
1155-1165	As above w/ @ 5% brown fine to coarse crystalline calcite
1165-1177	Shale as above (60%) Limestone dk. gray to m, gy-brown, mostly fine crystalline (40%) w/ minor white crystalline calcite fracture fill, brach (?) fossil fragments
1177-1182	Shale, as above (60%) Limestone m. dk. gray medium crystalline; & crystalline calcite as above (40%); Minor amount of lime-cemented, mud-supported siltstone and poorly sorted calcarenite w/ rounded clasts, - fossil fragments, mostly brach shells, abundant.
1182-1189	Limestone, dk. gray, fine xln to m. gy. brn. fn. to coarse xln (80%); shale as above (20%) minor amts. of lt. gray-creme gray lime mud-supported calcarenite; fossil fragments abundant; minor calcite xls (fracture fill)

INTERVAL

DESCRIPTION

1189-1196

As above

1196-1202

As above

1202-1212

Limestone, m. gy. brn. to m. dk. gray, fine to med. crystalline, w/ minor fossil debris and occasional rounded pellets in lime mud matrix; minor shale, may be cavings; minor amts. limestone, creme-colored, silty, grainy texture

1212-1217

Limestone as above w/ trace amts. che t, micro xln, dull brn. gray, w/ dark inclusions (visible best when wet); calcarenite fairly common

1217-1226

Limestone as above w/ calcarenite, mud-supported, common