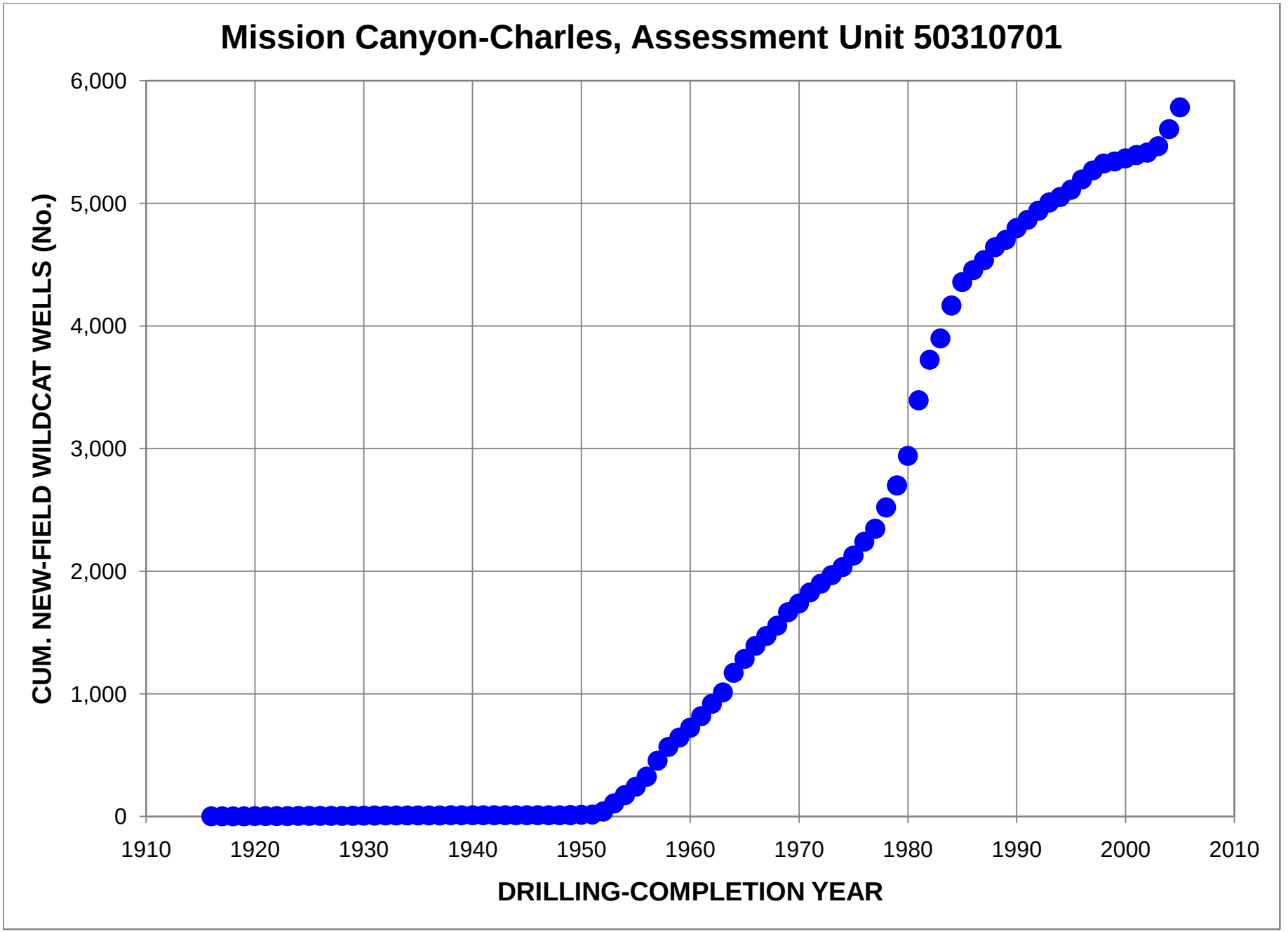
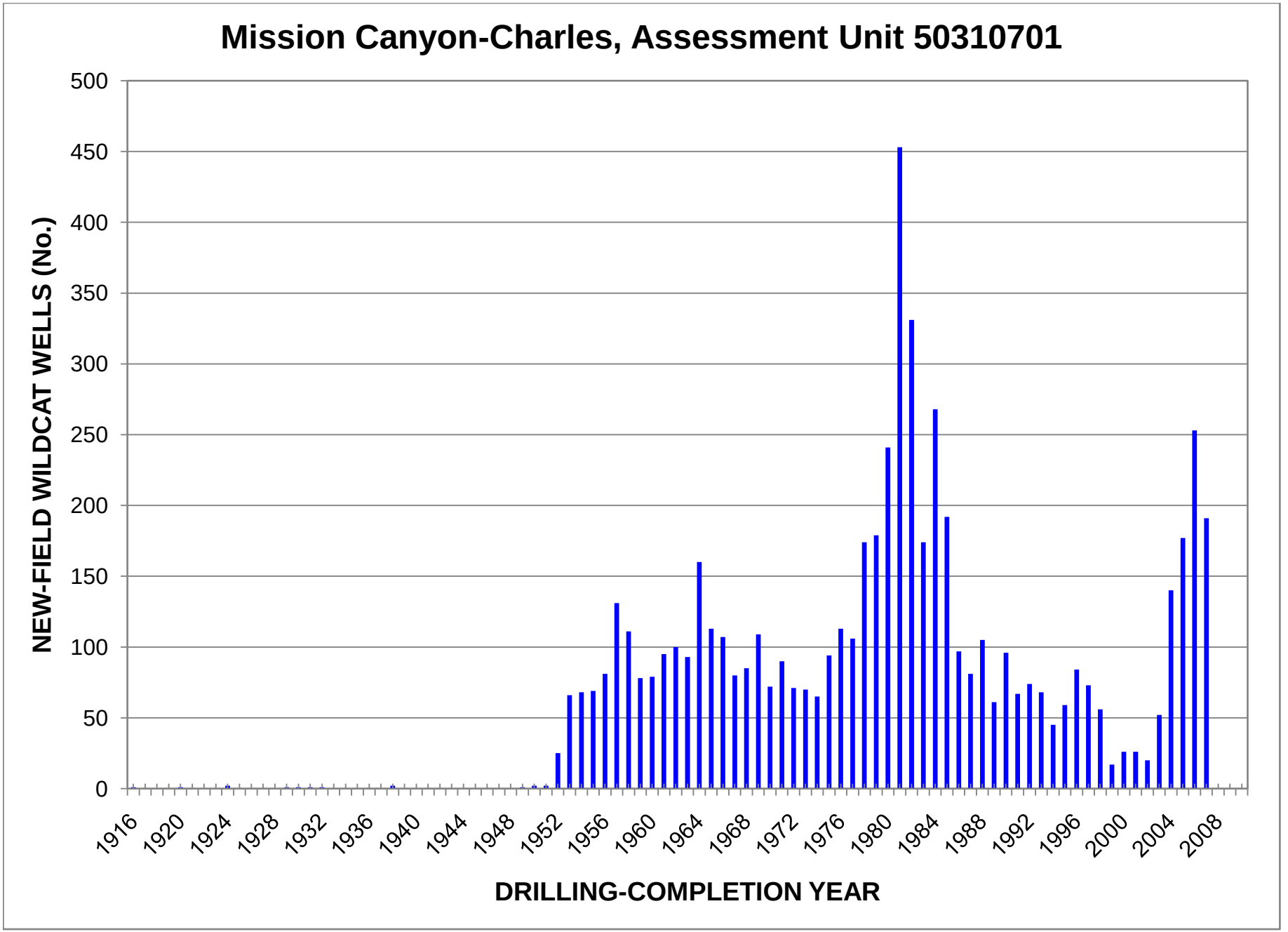
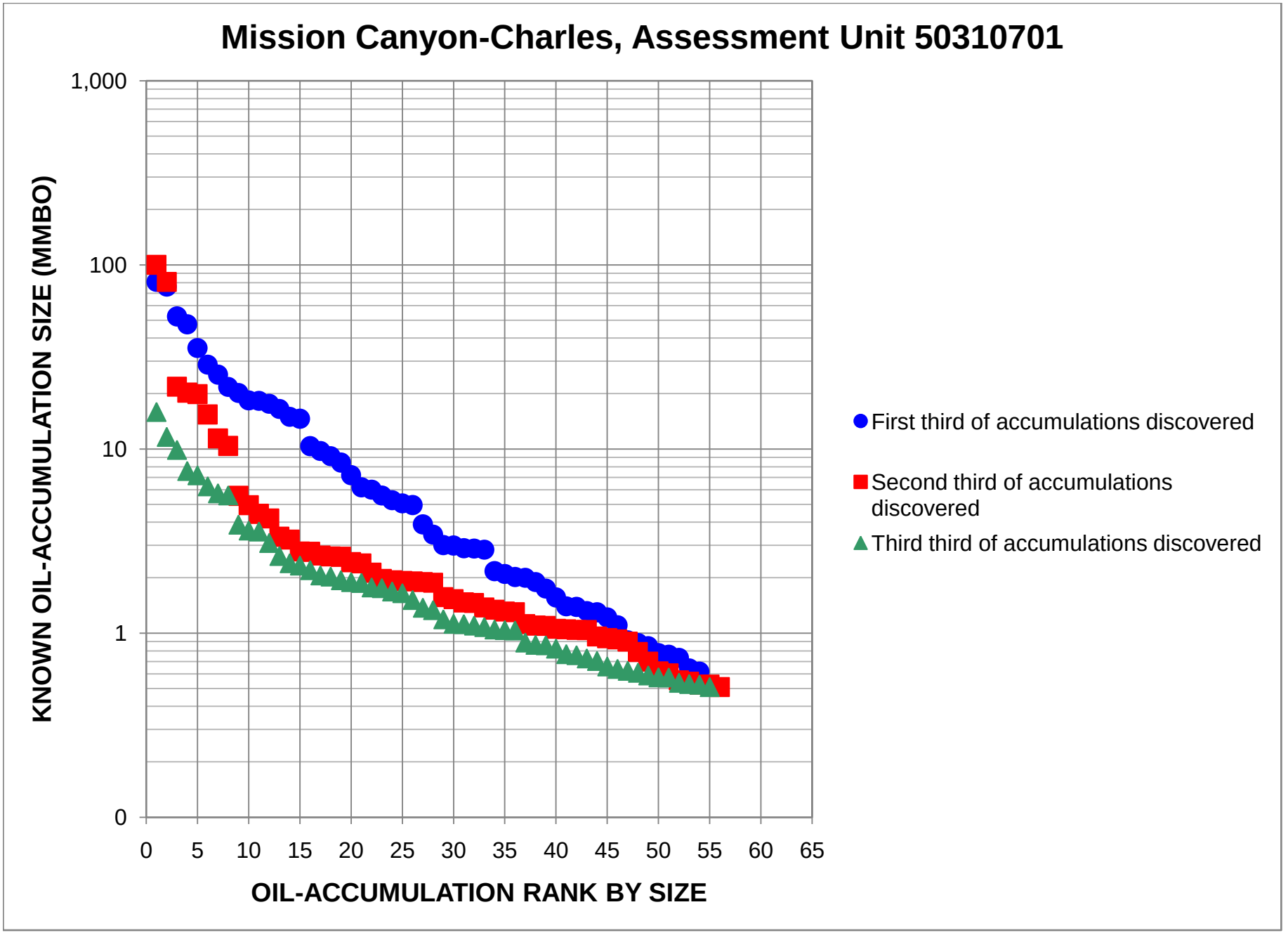
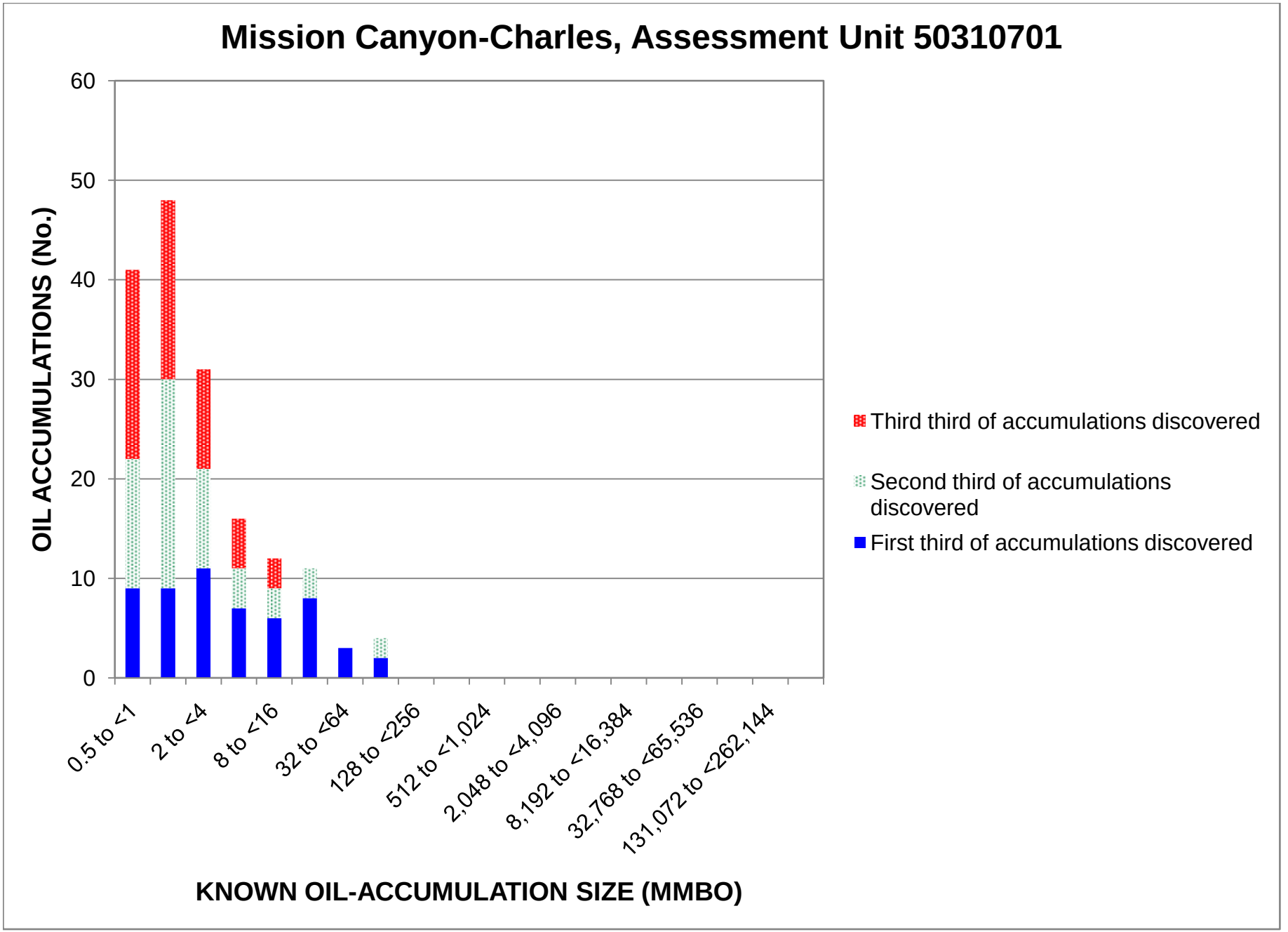
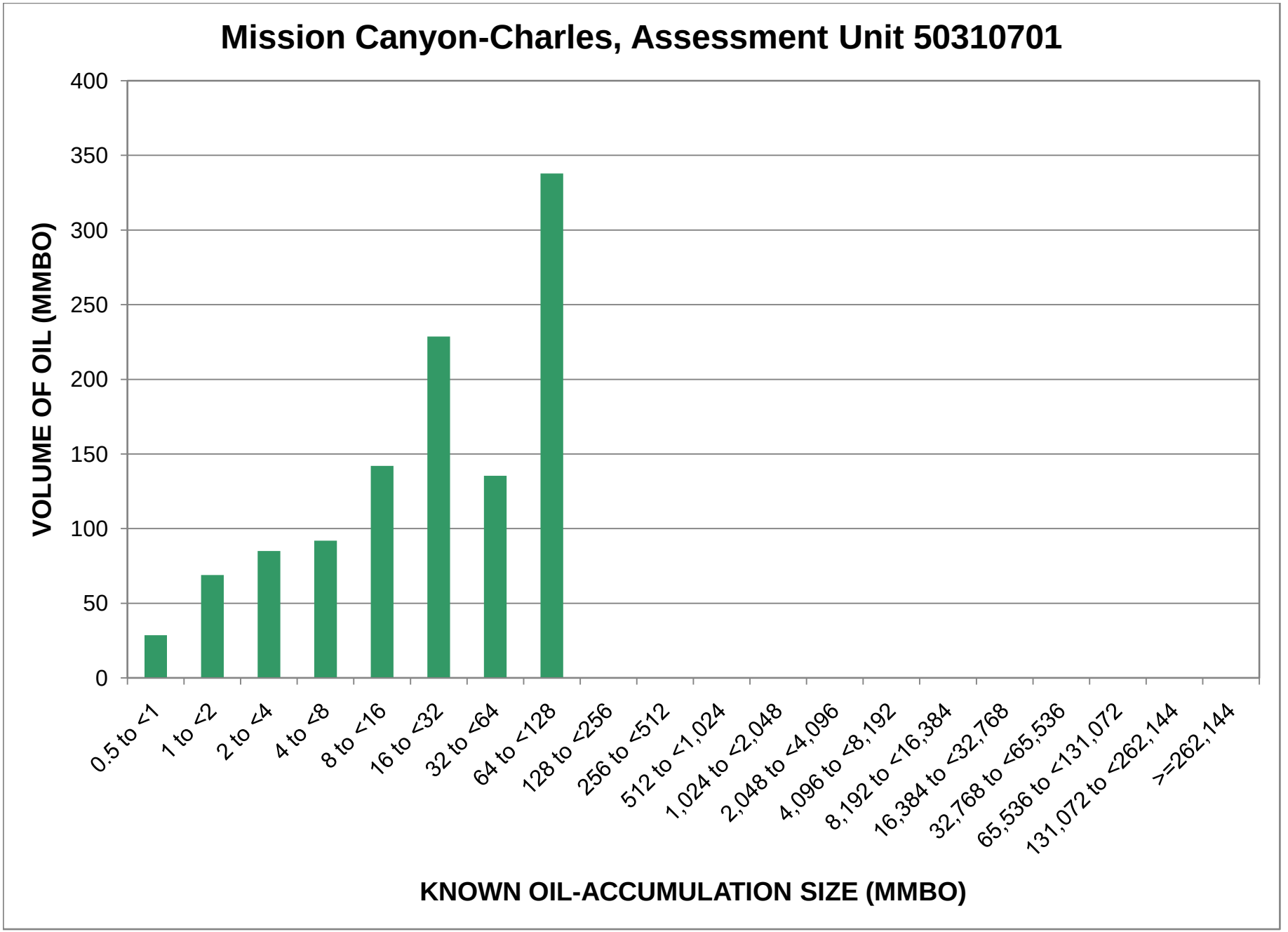
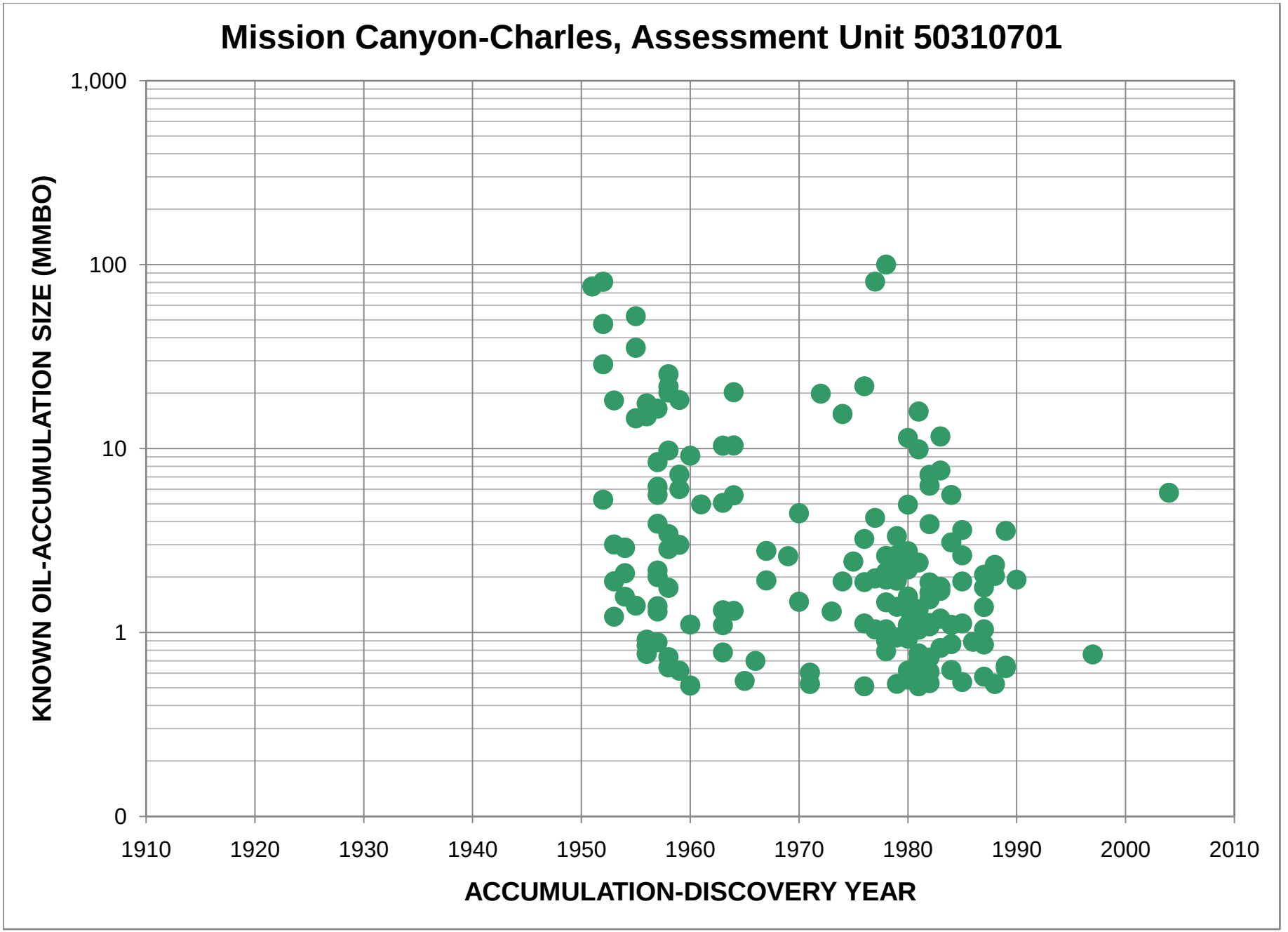

Mission Canyon-Charles, Assessment Unit 50310701
CUM. NEW-FIELD WILDCAT WELLS (No.)
6,000
5,000
4,000
3,000
2,000
1,000
0
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000
2010
DRILLING-COMPLETION YEAR

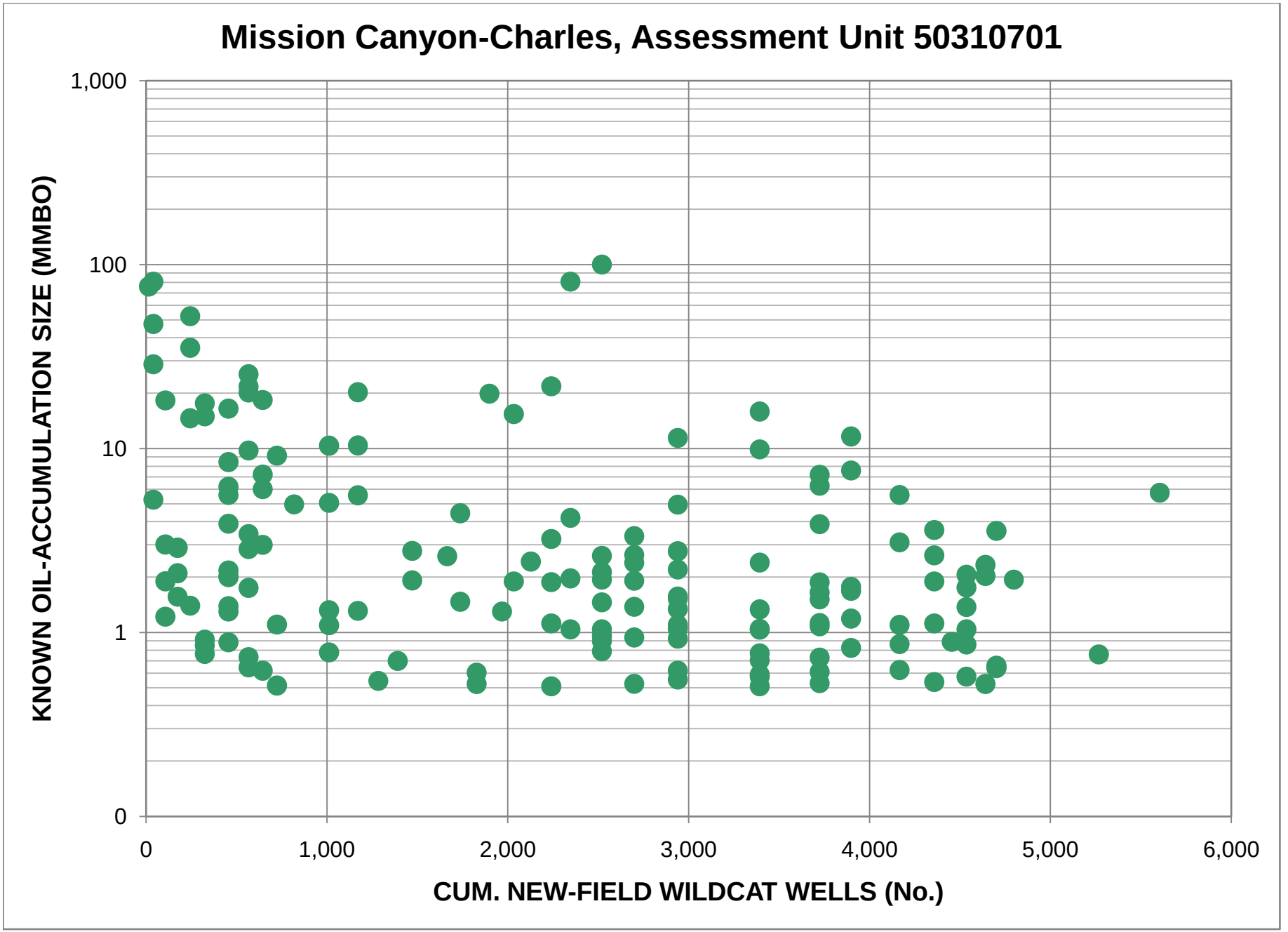

Mission Canyon-Charles, Assessment Unit 50310701
NEW-FIELD WILDCAT WELLS (No.)
500
450
400
350
300
250
200
150
100
50
0
1916
1920
1924
1928
1932
1936
1940
1944
1948
1952
1956
1960
1964
1968
1972
1976
1980
1984
1988
1992
1996
2000
2004
2008
DRILLING-COMPLETION YEAR

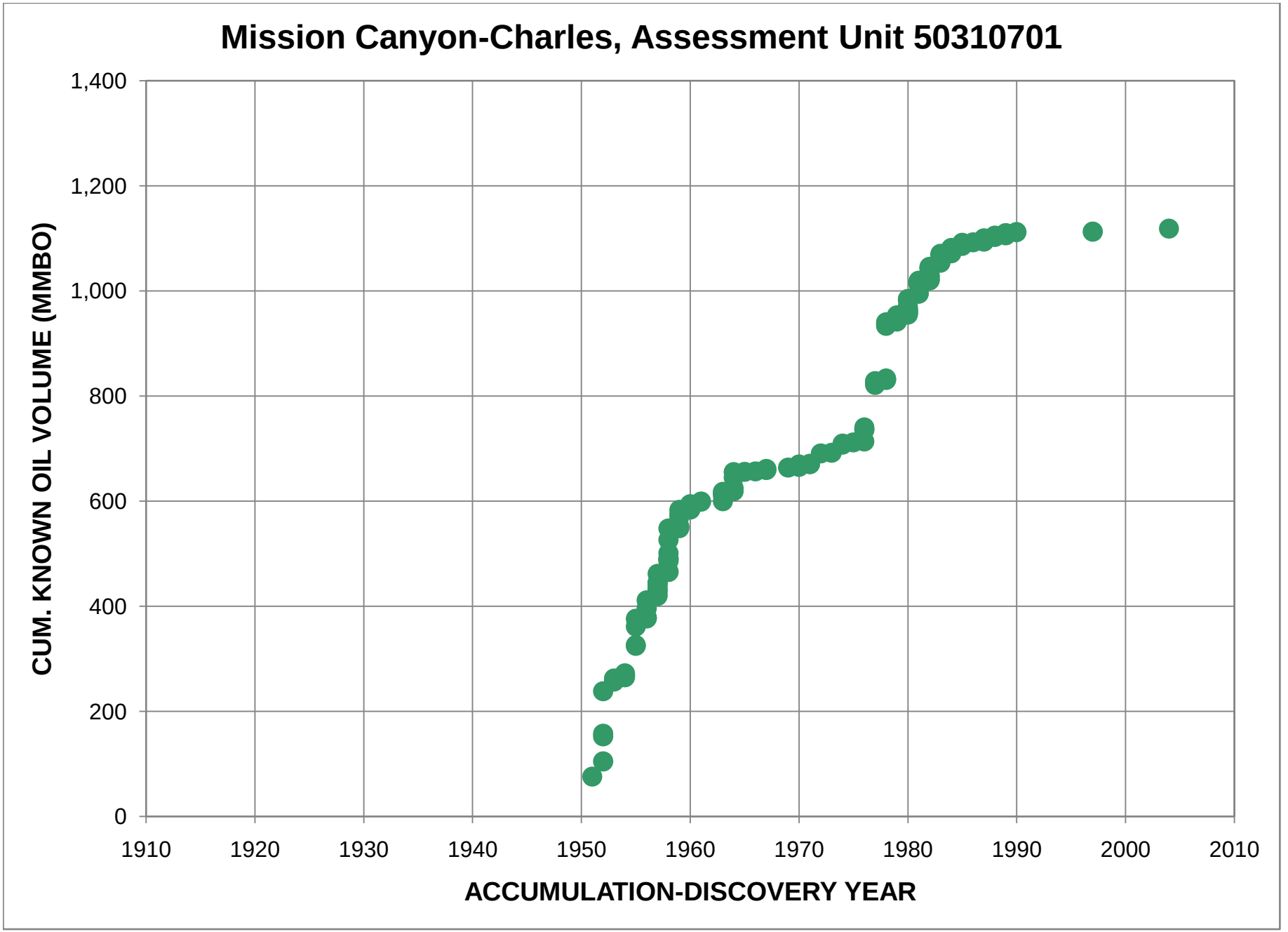

Mission Canyon-Charles, Assessment Unit 50310701
KNOWN OIL-ACCUMULATION SIZE (MMBO)
1,000
100
10
1
0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
OIL-ACCUMULATION RANK BY SIZE
First third of accumulations discovered
Second third of accumulations discovered
Third third of accumulations discovered

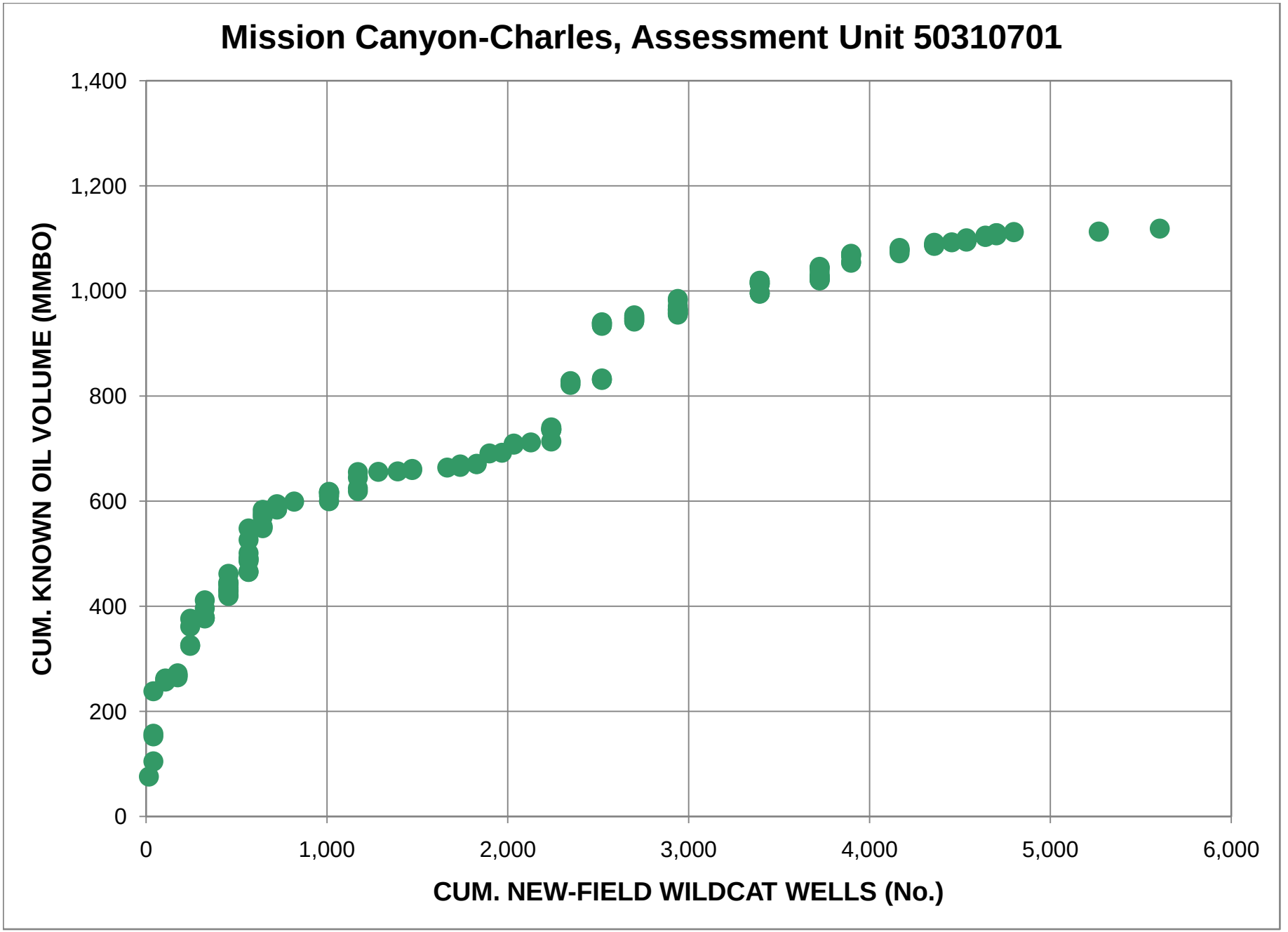

Mission Canyon-Charles, Assessment Unit 50310701
OIL ACCUMULATIONS (No.)
60
50
40
30
20
10
0
0.5 to <1
2 to <4
8 to <16
32 to <64
128 to <256
512 to <1,024
2,048 to <4,096
8,192 to <16,384
32,768 to <65,536
131,072 to <262,144
KNOWN OIL-ACCUMULATION SIZE (MMBO)
Third third of accumulations discovered
Second third of accumulations discovered
First third of accumulations discovered

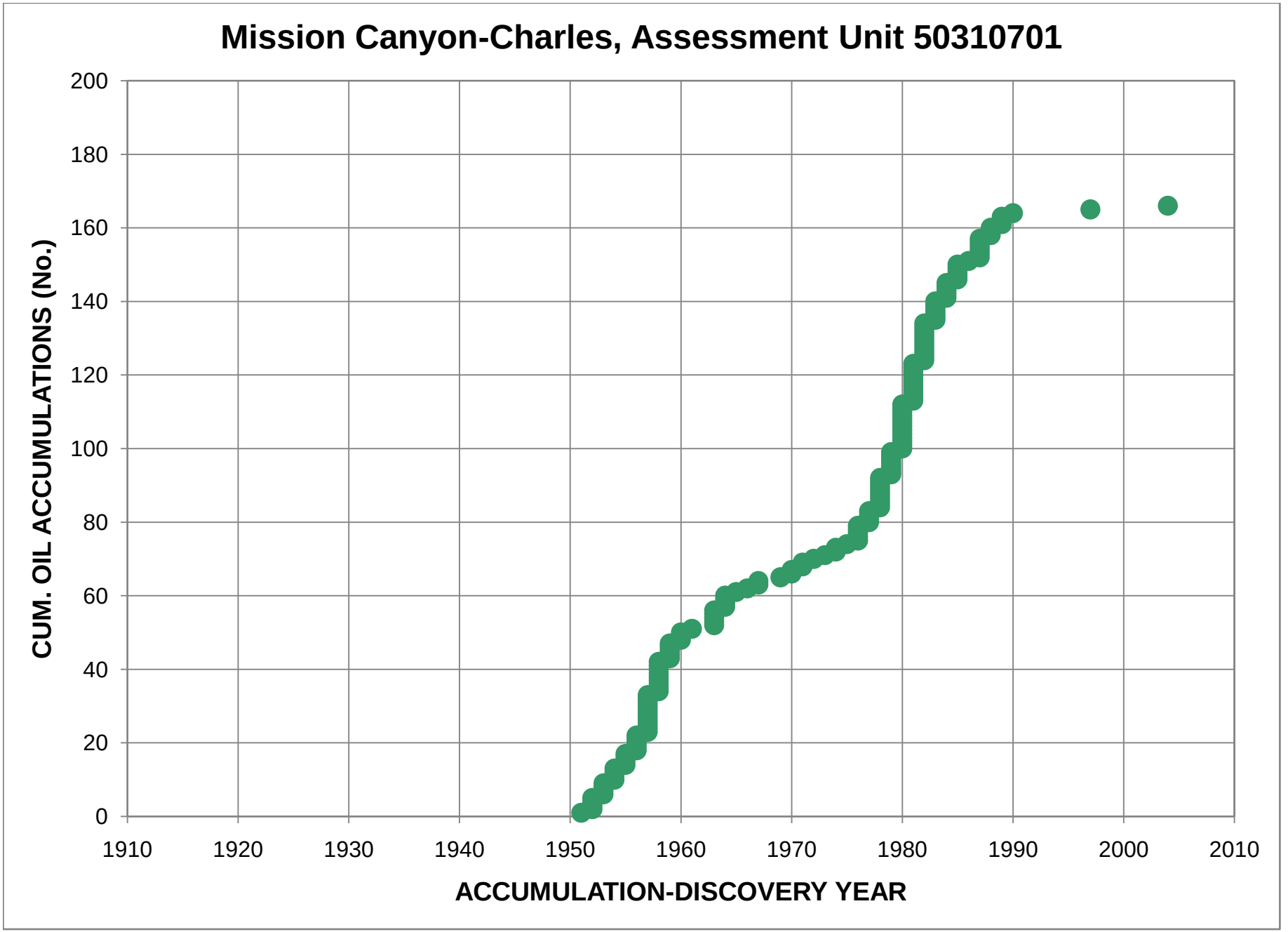

Mission Canyon-Charles, Assessment Unit 50310701
VOLUME OF OIL (MMBO)
400
350
300
250
200
150
100
50
0
0.5 to <1
1 to <2
2 to <4
4 to <8
8 to <16
16 to <32
32 to <64
64 to <128
128 to <256
256 to <512
512 to <1,024
1,024 to <2,048
2,048 to <4,096
4,096 to <8,192
8,192 to <16,384
16,384 to <32,768
32,768 to <65,536
65,536 to <131,072
131,072 to <262,144
>=262,144
KNOWN OIL-ACCUMULATION SIZE (MMBO)

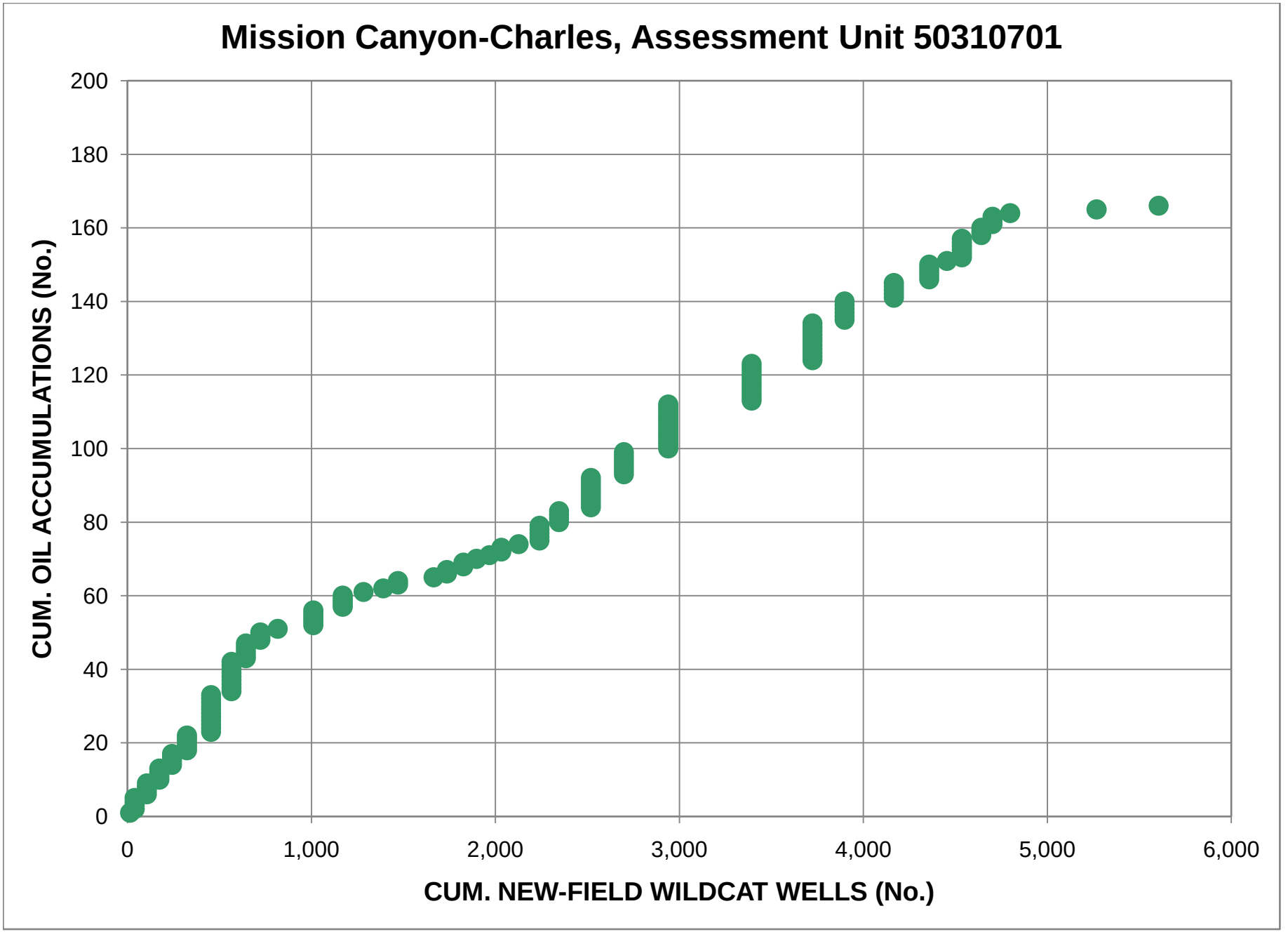

Mission Canyon-Charles, Assessment Unit 50310701
KNOWN OIL-ACCUMULATION SIZE (MMBO)
1,000
100
10
1
0
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000
2010
ACCUMULATION-DISCOVERY YEAR

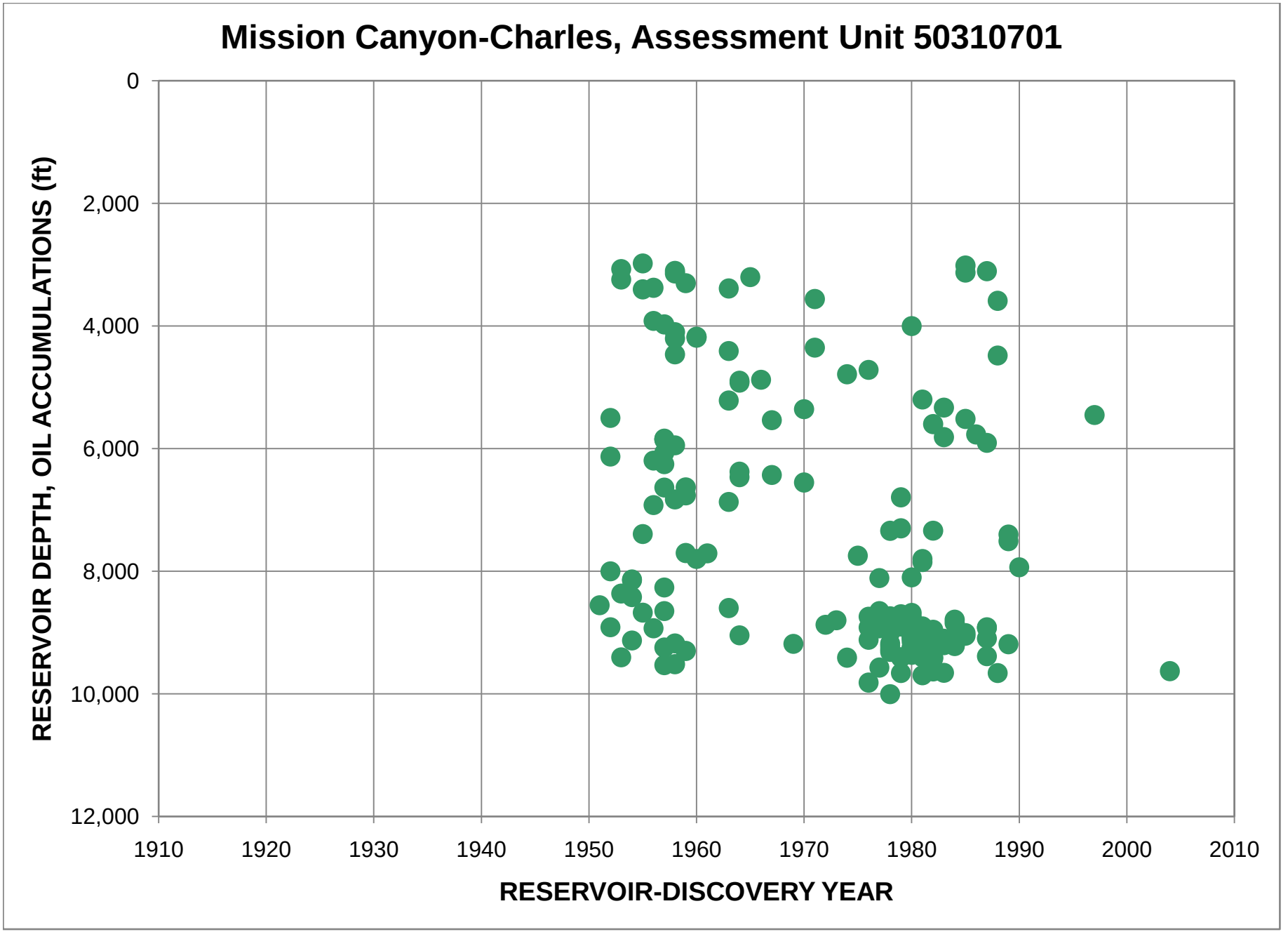

Mission Canyon-Charles, Assessment Unit 50310701
KNOWN OIL-ACCUMULATION SIZE (MMBO)
1,000
100
10
1
0
0
1,000
2,000
3,000
4,000
5,000
6,000
CUM. NEW-FIELD WILDCAT WELLS (No.)

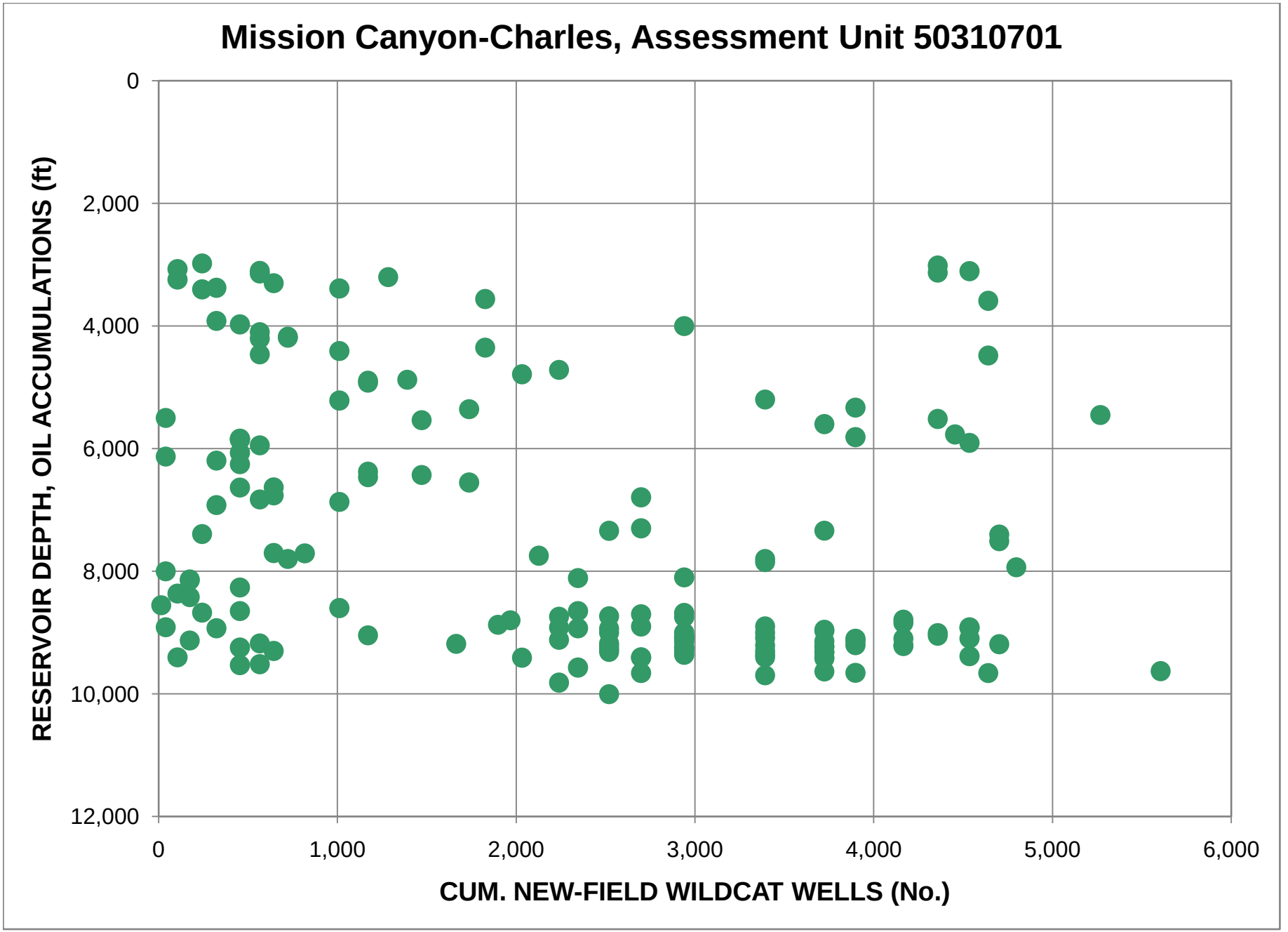

Mission Canyon-Charles, Assessment Unit 50310701
CUM. KNOWN OIL VOLUME (MMBO)
1,400
1,200
1,000
800
600
400
200
0
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000
2010
ACCUMULATION-DISCOVERY YEAR

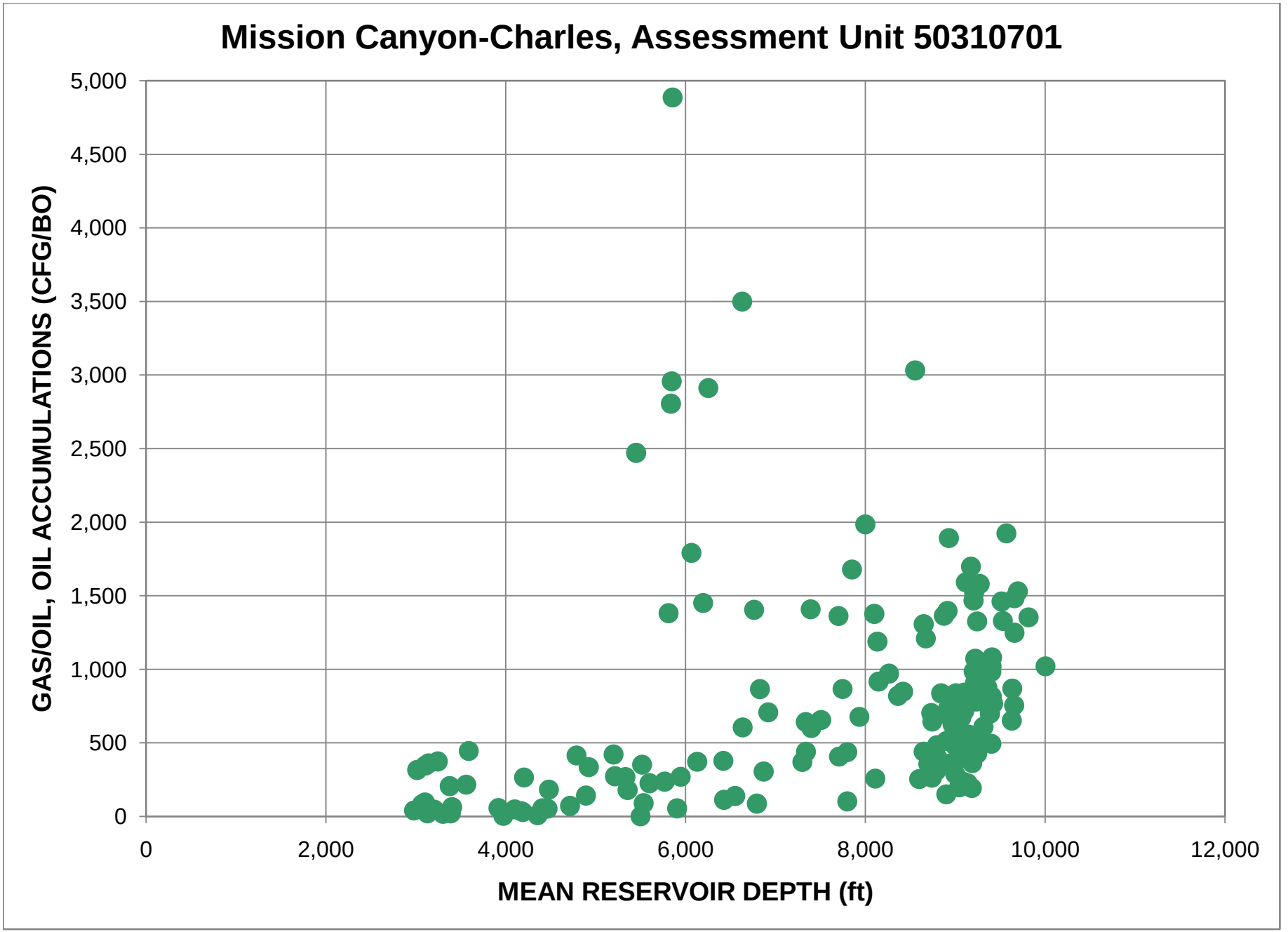

Mission Canyon-Charles, Assessment Unit 50310701
CUM. KNOWN OIL VOLUME (MMBO)
1,400
1,200
1,000
800
600
400
200
0
0
1,000
2,000
3,000
4,000
5,000
6,000
CUM. NEW-FIELD WILDCAT WELLS (No.)

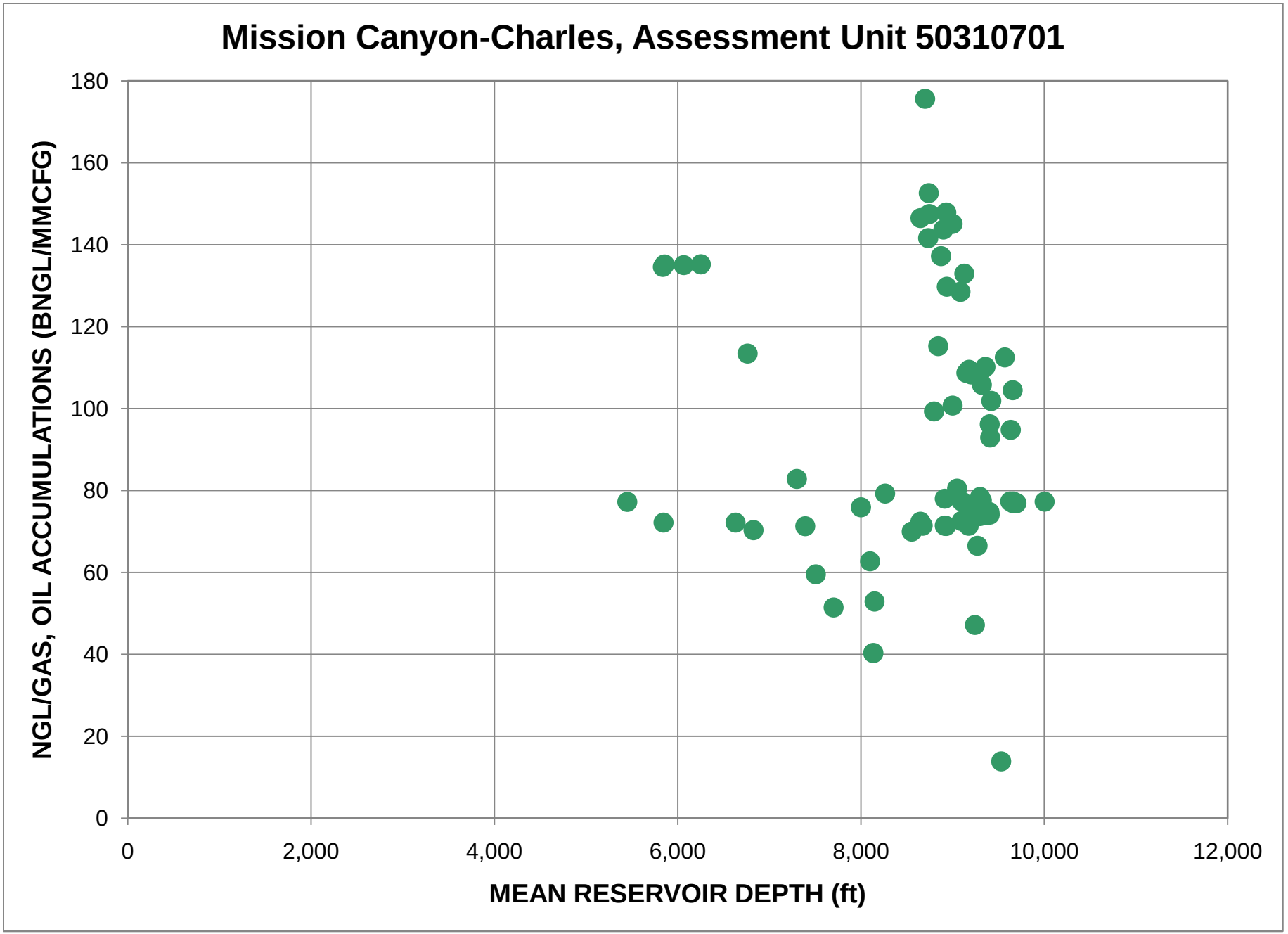

Mission Canyon-Charles, Assessment Unit 50310701
CUM. OIL ACCUMULATIONS (No.)
0
20
40
60
80
100
120
140
160
180
200
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000
2010
ACCUMULATION-DISCOVERY YEAR

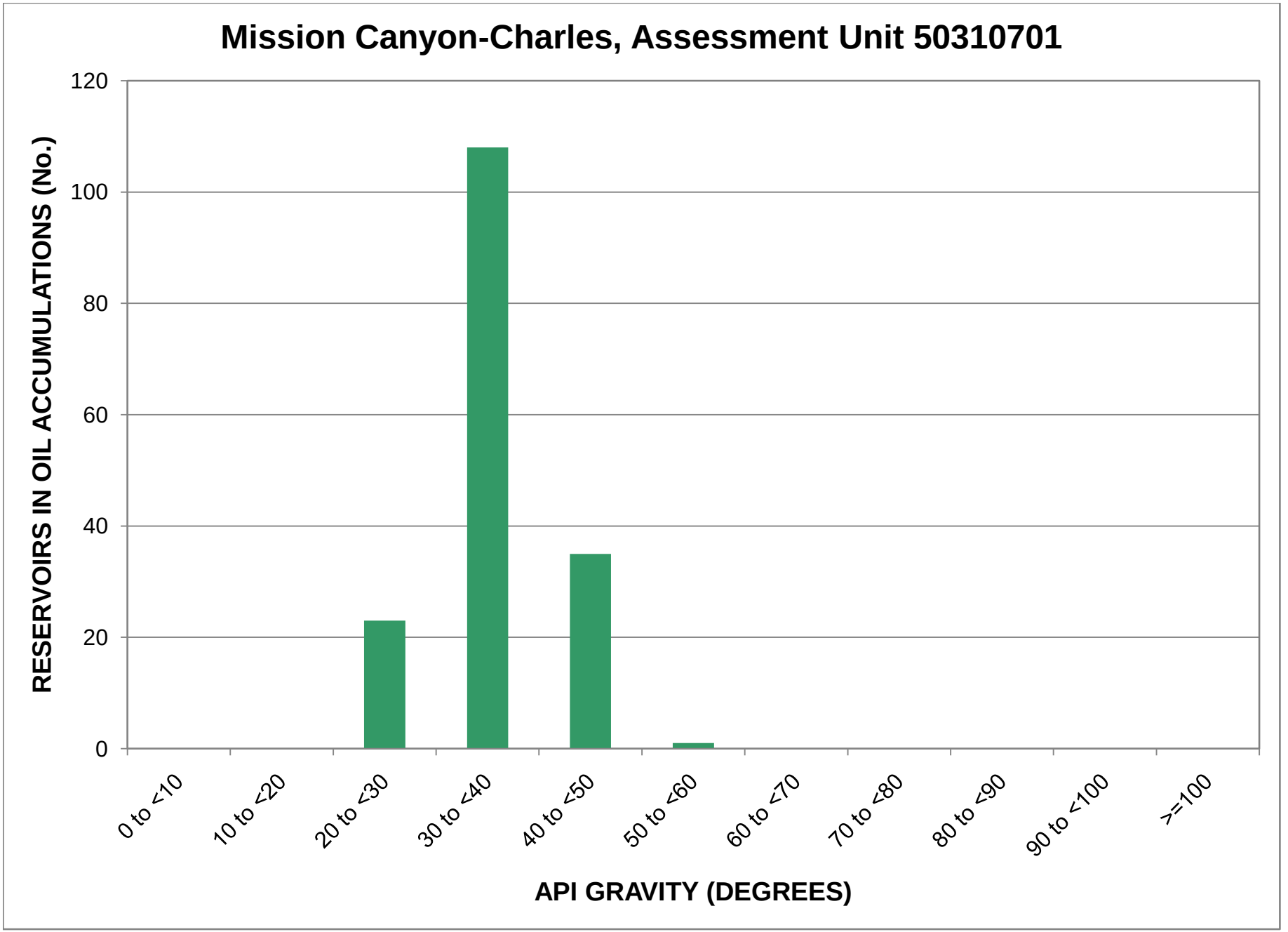

Mission Canyon-Charles, Assessment Unit 50310701
CUM. OIL ACCUMULATIONS (No.)
200
180
160
140
120
100
80
60
40
20
0
0
1,000
2,000
3,000
4,000
5,000
6,000
CUM. NEW-FIELD WILDCAT WELLS (No.)


Mission Canyon-Charles, Assessment Unit 50310701
RESERVOIR DEPTH, OIL ACCUMULATIONS (ft)
0
2,000
4,000
6,000
8,000
10,000
12,000
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000
2010
RESERVOIR-DISCOVERY YEAR


Mission Canyon-Charles, Assessment Unit 50310701
RESERVOIR DEPTH, OIL ACCUMULATIONS (ft)
0
2,000
4,000
6,000
8,000
10,000
12,000
0
1,000
2,000
3,000
4,000
5,000
6,000
CUM. NEW-FIELD WILDCAT WELLS (No.)


Mission Canyon-Charles, Assessment Unit 50310701
GAS/OIL, OIL ACCUMULATIONS (CFG/BO)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
0
2,000
4,000
6,000
8,000
10,000
12,000
MEAN RESERVOIR DEPTH (ft)


Mission Canyon-Charles, Assessment Unit 50310701
NGL/GAS, OIL ACCUMULATIONS (BNGL/MMCFG)
180
160
140
120
100
80
60
40
20
0
0
2,000
4,000
6,000
8,000
10,000
12,000
MEAN RESERVOIR DEPTH (ft)


Mission Canyon-Charles, Assessment Unit 50310701
RESERVOIRS IN OIL ACCUMULATIONS (No.)
120
100
80
60
40
20
0
0 to <10
10 to <20
20 to <30
30 to <40
40 to <50
50 to <60
60 to <70
70 to <80
80 to <90
90 to <100
>=100
API GRAVITY (DEGREES)