

OPERATOR: Socony Mobil Oil Company

WELL NAME: M. Rooney #1

LOCATION: C SW NW 7-31S-34W Seward County, Kansas

Proposed Depth: 5800' Objective Formation: Meramec
 Elevation: 2948' GL 2955' DF

December 22, 1961	Ø 651'.	Spud 12/21/61. Contractor - Gabbert-Jones Drilling Company.
27	Ø 2110'.	Set 8-5/8" casing at 650' with 550 sacks cement.
28	Ø 2507'.	
29	Ø 2783'.	
January 2, 1962	Ø 3044'.	
3	TTD 3821'.	Fishing
4	"	"
5	"	Elevation: 2948' GL, 2955' DF.
8	"	Recovered fish. Preparing to drill ahead.
9	Ø 4562'.	
10	Ø 4810'.	
11	Ø 5012'.	Sample Top: Heebner 4054'; Lansing 4132'; Kansas City 4396' (-1441).
12	Ø 5200'.	
15	Ø 5410'.	Sample Top: Morrow 5294'; Morrow Sand 5312'.
16	TD 5681'.	Preparing to run casing. Ran electric log. E.L. Top: Marmaton 4802'; Morrow 5294'; Morrow Sd 5316'; Chester Marker 5516'; St. Louis 5626'.
17	"	WOC. Set 5½" casing at 5380' with 1250 sacks cement.
18	"	MICT.
19	"	"
22	"	"
23	"	"
24	"	RUCT.
25	"	PBTD 5330'. Cleaned out to 5330'. Preparing to perforate.
26	"	" Cleaning out.
29	"	PBTD 5340'. Perforated Morrow 5318-28' with 2 jets per foot. Ran 2" tubing with packer at 5274'. Preparing to swab.
30	"	PBTD 5340'. Swabbed and flowed 25 bbls load oil and 168 bbls new oil in 16½ hrs. TP 50#. Shut-in for tank room
31	"	PBTD 5340'. Shut-in for tank room. Building tank battery.
February 1	"	PBTD 5347'. Shut-in.
2	"	"
5	"	"
6	"	"
7	"	"
8	"	"
9	"	"
		Flowed 173 BO in 20 hrs. thru a 24/64" choke. TP 100#.
12	"	PBTD 5347'. Flowed 220 BOPD thru a 24/64" choke. TP 95#.
13	"	PBTD 5347'. Flowed 245 BO in 24 hrs thru a 24/64" choke. TP 90#. GOR 724:1. Gas gauged 177 MCF. Preparing to take state test.
14	"	PBTD 5347'. Morrow State Test: Flowed 195 BOPD thru a 24/64" choke from perforations 5318-28'. Gravity 43.9°. Drilling completed 1/15/62. Well completed 1/25/62. <u>Final Report.</u>

Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.

12-22-41
Finished RURT 651' 12 $\frac{1}{4}$ " hole in RB. Top RB
600'. Spud 3:00 P.M., 12-21-61. 1 $\frac{1}{2}$ " @ 300'
Cond. hole to run 8-5/8" surface csg. DF to
Gnd 7.0', KB to Gnd 9.6'.

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12/27
2507' Drlg. 7-7/8" hole in Im. @ 6:00 A.M.
3/4" @ 2113'. Resumed drlg. @ 8:00 A.M.,
12-26-61.

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8-5/8" @ 650'

12/28
2783' Drlg. 7-7/8" hole in Lime @ 6:00 A.M.
1" @ 2741'. Native mud.

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12-29-41
3044' Drlg. 7-7/8" hole in Lime & Shale @
6:00 A.M. Native mud.

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30 - 3376' Drlg. 7-7/8" hole in Lime & Shale.
1" @ 3149'. Native Mud 9.4, Vis. 34.

31 - 3714' Drlg. 7-7/8" hole in Lime & Shale.
3/4" @ 3460'. Native Mud. Midnight TD
3831'.

1 - 3831' Stuck. Twisted off @ 3034' @ 12:30 P.M.
12-31-61. Fish 12 - 6" DC, 14 $\frac{1}{2}$ Jts. 4 $\frac{1}{2}$ " DP.
POH. WIH w/Bowen OS. Caught fish could not
pull. Spotted 12 BA & 25 BO. Still stuck
(Total 17 $\frac{1}{2}$ hours) Native Mud.

2 - TD 3831' Prepare to run WP. Fish 12 - 6" DC
24 $\frac{1}{2}$ Jts. 4 $\frac{1}{2}$ OD DP w/Bowen OS @ 3044'. Top
fish 2581'. Spotted 40 BO. Mudded up 11:00
P.M., 1-1-62. Mud 9.4, Vis. 40, WL 18.0 cc,
10% Oil. Full Circ. Ran Dialog & Backed off
@ 2581'.

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8-5/8" @ 650'

1/3
TD 3831' Dialog running spud tool inside DP
to see if DP open. Ran bit to 2581' (Top
fish) & Cond. Mud 9.4, Vis. 46, WL 12.0 cc,
14% Oil. Ran 293' of 7-3/4" OD WP WO 2581'-
2875'. POH. Ran DP & screwed into fish @
2581'. BO at 3088'. POH w/16 Jts. 4 $\frac{1}{2}$ DP &
Bowen OS WIH w/WP WO from 3088' to 3385'.
POH. Ran in hole w/DP & screwed into fish.

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8-5/8" @ 650'

1/4
TD 3831' POH w/4½" DP Ran spud tool to 3831'. Drill pipe open. Ran FP & SS & BO @ 3447'. POH rec. 12 Jts. DP. Ran DP & WP WP 3447' to 3613'. POH Ran DP & screwed into fish @ 3447'. Ran Dialog FP Ind & SS & BO @ 3599'. Rec. 1 Jt. DP & 4-6" Collars. Fish 8-6" DC & 7-7/8" Bit. Mud 9.5, Vis. 43, WL 12.0 cc. Oil 14%. Elev. D.F. 2955', Ground 2948'.

5-68
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
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6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.
8-5/8" @ 650'

115
TD 3831' Prepare to GIH w/7-7/8" bit & DP to drill ahead. Ran DP & 235' WP & WO from 3599' to 3831' POH w/WP. Ran DP & screwed into fish @ 3599'. POH w/DP. Rec. rest of fish. Mud 9.4, Vis. 40, WL 8.8 cc, 10% Oil.

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Gabbert-Jones Drlg. Co.
8-5/8" @ 650'

1/6
6 - 4045' Drlg. 7-7/8" hole in chalky Lm. Mud 9.6, Vis. 48, WL 9.6 cc, 10% Oil.

7 - 4346' Drlg. 7-7/8" hole in Lm. 1° @ 4004' Mud 9.8, Vis. 39, WL 18.4 cc, 8% Oil.

8 - 4562' Drlg. 7-7/8" hole in Lm. 1° @ 4346' Mud 9.3, Vis. 42, WL 9.0 cc, 6% Oil.

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8-5/8" @ 650'

1-9-62
4810' Drlg. 7-7/8" hole in Lm. & Sh. 1½° @ 4668'. Mud 9.4, Vis. 44, WL 6.4 cc, 4% Oil.

10-68
Marguerite Rooney Unit No. 1
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6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.
8-5/8" @ 650'

5012' Drlg. 7-7/8" hole in Lime. Mud 9.5, Vis. 47, WL 6.0 cc, Trace of oil. Sample Tops: Heebner 4054', SS -1077', (-63' to Cutter #1); Lansing 4132', SS -1177', (-69'); Kansas City 4396', SS -1141', (-53').

1-11-68
Marguerite Rooney Unit No. 1
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6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.
8-5/8" @ 650'

5200' Drlg. 7-7/8" hole in Lime & Shale. Mud 9.5, Vis. 45, WL 6.0 cc, Trace of oil. 1-3/4° @ 5040'.

1-12-68
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.
8-5/8" @ 650'

5410' Drlg. 7-7/8" hole in Lime & Shale. 1-3/4° @ 5251'. Mud 9.5, Vis. 51, WL 6.0 cc, Sample Top: Morrow 5294', SS -2339', 54' low to Cutter #1, Morrow Sand 5312', SS -2357', Good coarse sand. Good show. Est. 18' Morrow Sd.

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Gabbert-Jones Drlg. Co.
8-5/8" @ 650'

Jan
13-15

- 13 - 5572' GIH with core barrel. Mud 9.3, Vis. 56, WL 4.8 cc, 6% Oil. Strapped pipe.
- 14 - 5603' GIH w/bit. Mud 9.4, Vis. 59, WL 4.8 cc, 6% Oil. Core 5572-5603' Cut 31', Rec. 31' Description: 5572-87', shale black; 5587-5603', shale & silt stone, black, gray, interbedded.
- 15 - 5608' TD Drlg. 7-7/8" Hole in Lime & Shale. Mud 9.5, Vis. 60 WL 5.2 cc, 4% Oil. Started logging @ 3:30 A.M. Electric log tops: Heebner 4048', ss -1093'; Lansing 4129', ss -1174'; KC 4397', ss -1142'; Marmaton 4802', ss -1847'; Cherokee 4962', ss -2007'; Morrow 5294', ss -2339'; Morrow Sd. 5316', ss -2361'; Chester Marker 5516', ss -2561'; St. Gen. 5608', ss -2613'; St. Louis 5626', ss -2671'.

Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

Jan 16, 1962

Driller's TD 5680', Sch. TD 5681' WOC.
Ran 168 Jts., 5384' of 5 1/2", 14#, J-55 csg. and set @ 5380', cemented w/1250 sx. cement. DV stage tool @ 3133'. Cemented bottom stage w/550 sx. Trinity Lite-Wate cement, 1/4# Flocele per sx. PD on 1st stage @ 4:00 AM 1-16-62. Cemented top stage w/700 sx. Trinity Lite-Wate cement. Used 21 centralizers, 2 on bottom joint and 15 on 90' Spacing to 4000' and at 3100', 1770', 1100' and 575'. 4 cement baskets @ 5280', 4780', 3135' and 2580'. Slurry Wt. 13 to 13 1/2#. Full circ. throughout both stages. Final stage completed @ 6:10 AM, 1-16-62. Float collar @ 5348'. 147 scratchers - 128 on 2' spacing from 5340' to 5304'. 10' spacing 4000' to TD.

-16-62

1-17-62
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

TD 5680' MORT. Prep. to MICT. Nippled up.
Rel. Rig @ 4:00 PM, 1-16-62

1-18-62
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Gabbert-Jones Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

TD 5680' WOC. Preparing to MI cable tools.

Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Dunnam Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

1-19-62
TD 5780' WOCT. Halliburton ran Temp. Survey
Top Cement 1050'. (2nd Stage).

1-21-62
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Dunnam Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

20 - TD 5780' WOCT.

21 - TD 5780' WOCT.

22 - TD 5780' Leveling location. Preparing to
MICT.

1-23-62
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Dunnam Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

TD 5780' Rigging up Cable Tools.

1-24-62
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Dunnam Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

TD 5780' Bailing @ 2500'. Cleaned out to
5330'. Pressured up on casing, 3000#, 30 min,
OK. *Pr up to pt.*

1-25-62
Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Dunnam Drlg. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

TD 5780' Bailed to 5275'. Preparing to clean
out to 5347'.

26-62 Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
8-5/8" @ 650'
5-1/2" @ 5380'
Dunnam Drig. Co.

27-28-29/62 Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow & Chester (Dual)
Dunnam Drig. Co.
8-5/8" @ 650'
5-1/2" @ 5380'

27-62 Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow
8-5/8" @ 650'
5-1/2" @ 5380'
Morrow Perfs 5318'-5328'

2-8-67 Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow
8-5/8" @ 650'
5-1/2" @ 5380'
Morrow Perfs 5318'-5328'

Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow
8-5/8" @ 650'
5-1/2" @ 5380'
Morrow Perfs 5318'-5328'

Marguerite Rooney Unit No. 1
C SW NW 7-31S-34W
Seward County
6000' Morrow
8-5/8" @ 650'
5-1/2" @ 5380'
Morrow Perfs 5318'-5328'

PBTD 5940' Loaded hole w/120 BLO. Ran Corr.
& Collar log. Perf. Morrow 5318'-28' w/2J/F.
Total 20 holes. Ran 5291' 2" tbg. w/Guiberson
KB 30 Pkr Set @ 5274'. Hold down @ 5267'.
Bottom tail pipe 5315' Installing X-mas Tree
& Prep. to swb.

27 - PBTD 5347' Start swbg. @ 3:00 P.M., 1-26-62.
Swb. 23 BLO in 30 minutes. Well kicked off.
Flowed 2 BLO + 14 BNO in 1/2 hr. Flowed 4 BNO
in 1 hr., 1" ck. 5:00 P.M. cut choke to 32/64"
Flowing stead on 32/64" ck., until 1:00 A.M.,
1-27-62. Cut to 24/64" ck. Swbd. & flowed 25
BLO + 168 BNO in 16 1/2 hrs. SI @ 6:00 A.M.,
1-27-62 for tank room. At SI time T.P. 50#,
Gr. 43.8° API @ 60° F. Grind-out of 1.2% BS&W.
1 1/2 hr. SI press. 300#, Rel. rig 12 Noon, 1-27-62.

PBTD 5347' Shut in for tank room. Tank
Battery ready for use.

PBTD 5347' F 173 BO/20 hrs. on 24/64" ck,
TP 100#. Will State Test 2-9-62.

10 - PBTD 5347' F 245 BO/NW, 24 hrs., 24/64"
ck., T.P. 90#, GOR 724/1 (1% BS&W), G.V.
177.4 MCFPD.

11 - PBTD 5347' No Report.

12 - PBTD 5347' Prepare to State Test.

PBTD 5347' F 220 BO/24 hrs. on 24/64" ck.,
TP 95#. State Test postponed to 2-12-62.

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6000' Morrow & Chester (Dual)

Feb

8-5/8" @ 650'
5-1/2" @ 5380'
Morrow Perfs 5318'-5328'

3, 4, 5 PBD 5347' SI for tank room. Building
tank battery.

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6000' Morrow
8-5/8" @ 650'
5-1/2" @ 5380'
Morrow Perfs 5318'-5328'

2-14

PBD 5347' State Test F 65 BO/NW, 8 hrs.,
24/64" ck, T.P. 80#, Gr. 43.9 API @ 60° F.
Rated capacity 195 BOPD. KCC representative
Carroll Thomas. FINAL REPORT. Allowable
91 BOPD. Jayhawk PL. Completion date
1-25-62.