## POGO PRODUCING COMPANY MOSBACHER 20 #1 REMEDIAL WORK

7/18/86
PBTD 15,150', Perfs 13,382'-423' (OA)

Flowing 105 BSW & 11 BO from csg annulus. TP 3600#, CP 40#. SI csg w/following pressures:

	TP, #	CP, #
1 Hr	<b>3</b> 750	490
1 Hr	<b>395</b> 0	<b>8</b> 30

Blow down annulus: gas for 5 min then salt water

	TP, #	CP, #
10 Min	3900	290
5 Min	<b>3</b> 850	230
10 Min	3750	<b>19</b> 0
8 Min	<b>375</b> 0	170
5 Min	<b>372</b> 5	150
1 Hr	3600	70

The & csg annulus communicated

7/19/86

PBTD 15,150', Perfs 13,382'-423' (OA)

TP 3600#, CP 50# w/csg relief valve open. Hookup separator to test tanks. Flow oil, gas & wtr for 1 Hr TP 1300#, CP 0#. SI 1 Hr TP 2100#, CP 10# flowing dry gas.

7/20/86

PBTD 15,150', Perfs 13,382'-423' (OA)

Flow 18 BO + 257 BSW, 16/64" chk, TP 60#, gas flared

7/21/86

PBTD 15,150', Perfs 13,382'-423' (OA)

Flow 18 BO + 265 BSW, 12/64" chk, TP 100#, gas flared. MI Ram unit, prep to pull tbg.

7/22/86

PBTD 15,150', Perfs 13,382'-423' (OA)

RU Ram unit, load tbg w/39 B 10# BW, load csg w/113 B 8.7# produced wtr, remove tree. attempt to rel Baker 7 3/4" Lok-Set pkr @13,344' well periodically flowing. Load tbg w/10# BW to kill well. Attempt to rel Lok-Set pkr. RU NL McCullough, ran 2 7/8" tbg chemical cutter, tool stopped @ 100' due to heavy paraffin, ran free point tool to pkr @ 13,344', tool failed to operate @ 13,344', pull tool to 13,167', tool held ok & pipe 100% free @ 13,167', POH free point. RIH tbg chemical cutter, work cutter to 840', stopped by paraffin, RIH 2nd free point to check free point below 13,167'. WO paraffin cutters.

7/23/86

PBTD 15,150', Perfs 13,382'-423' (OA), 10# BW

Ran free point, tbg free @ 13,167'. RIH paraffin cutter to 1500'. Lost washer & POH. Load tbg w/70 bbls BW. Remove doughnut & lower tbg string. Attempt to unseat pkr. RIH paraffin cutter, could not pass 750'. Load hole w/17 BSW. Pump 20 bbls FW @ 200° F. Annulus heated up. RIH chemical cutter to 12,993'. Tool hung, unable to free.

7/24/86

PBTD 15,150', Perfs 13,382'-423' (OA), 10# BW

Kill well w/36 BSW. McCullough worked tools free @ 12,993'. Stuck @ 12,920'. Fired chemical cutter & tools free. POH w/tools dragging to 10,500'. Pull on tbg to 135,000#. Blew down tbg. Rec slugs of paraffin. Kill well w/80 Bbls 1J# BW. RIH w/sinker bars, mech jars, 2 1/8" OD gauge & chisel point to pkr @ 13,445'. Work tools through tight spots & POH. Load hole w/10# BW, ran FP-tbg free at 13,322', RIH w/chemical cutter-cut tbg @ 13,331'. Worked tbg & came free. Flow gas off and load tbg. Remove tree & NU BOP.

MIG ON 1988