

ATTACHMENT for FORM 9-331, on GOVERNMENT AK #1, dated 10/22/80.

MIRU pulling ut CO to 6548'. Circ hole w/2% KCl FW. Tstd csg & BOP to 1500# - ok. Sptd 100 gal 10% Acetic Ac 6518 - 6418'. Jet perfd Atoka SS @ 2 spf 6475 - 6482'. Total 16 - 0.46" holes w/19" penetration. Ran & set 2-3/8" OD tbg @ 6372' w/pkr set @ 6364'.

44 hr SITP zero. AZ Atoka SS perfs 6475 - 6482' w/2000 gal 7½% MSR-100 ac w/additives. Used 1000 SCF N₂/bbl & 10 -7/8" RCNC balls (total 60,000 SCF N₂). No ball action. Press annulus to 1000# - ok. Max press 3800#, min 3100#, ISIP 2450#, AIR 5.5 bpm (3.0 ac & 2.5 N₂). 10 min SIP 2000# & 15 min SIP 1900#. Flwd 40 BLW in 2 hrs & died. Swbd 14 BLW in 4 hrs. 14 hr SITP from Atoka SS perfs 6475 - 6482' was 300#. Swbd 10 BLW in 2 hrs. Well swbd dry. Weak 1' gas flare for 1 min after each swab pull then dies.

17 hr SITP from Atoka SS perfs 200#. Bled off press. Sptd 100 gal 10% Acetic ac 6050 - 5950'. Set 5½" CIBP on WL @ 6200'. Dumped 5 sx cmt on CIBP for new PBTD 6175'. Jet perfd Strawn SS 2 spf 6018 - 6022'. Total 10 - 0.46" entrance holes w/23" penetration. Ran & set 2-3/8" OD tbg @ 5912' w/pkr. set @ 5904'. Drpd bar. Weak blow for 15 sec & died. No gas to surf. Well dry, no fluid or gas entry. 17 hr SITP 0#. AZ Strawn perfs 6018 -22' w/2000 gal 7½% MCR-100 w/additives & 1000 SCF & N₂/bbl. Total 52,800 SCF of N₂. Max press 3700#, min 3300#, ISIP 2100#, AIR 5.0 bpm (3 ac, 2 on N₂), 10 min SIP 1850#, 15 min 1800#. Opened well to pit on 1" ck, Flwd 20 BLW in 1 hr & died. Swbd 5 BLW in 4 hrs. Well swbd dry. No gas show.

17 hr SITP 600#. Bldw don to pit. Ran swab. Swbd 5 BLW in 4 hrs. Well swbd dry, no fluid entry. Had intermittent 1' gas flare between runs. 68 hr SITP 700#. Bled to pit on 1" ck in 5 min. Rel pkr & pld tbg to 4365'. Sptd 100 gal 10% Acetic ac 4365 - 4265'. POOH w/tbg & pkr. Set 5½" CIBP on WL @ 4750' to P&A Strawn perfs 6018 - 6022'. Dumped 5 sx cmt on CIBP w/dump bailer for new PBTD 4725'. Jet perfd Wolfcamp SS 2 spf 4343- 4347'. Total 10-0.46" entrance holes w/23" penetration. Ran & set 2-3/8" OD @ 4241 w/pkr. Set @ 4234'. Drpd bar. Weak blow for 15 sec & died. Swbd zero fluid & zero gas in 3 hrs. No fluid entry into well.

17 hr SITP from Wolfcamp SS perf zero. AZ Wolfcamp SS perf 4343-4347' w/2000gal 15% MSR-100 HCL ac w/additives using 1000 SCF N₂/bbl (56,000 SCF N₂). Press annulus to 1000# - ok. Max 2800#, min 2400#, ISIP 1600#, AIR 6.3 bpm (3.3 ac & 3.0 N₂), 5-10-15 min SIP 1500#. Flwd 45 BLW in 1 hr & died. Swbd 5 BLW in 5½ hrs. No show of oil or gas. Well swbd dry.