

ATTACHMENT for 9-331, on GOVERNMENT AG #1, dated 9/2/80

MIRU completion unit DO to 11,243'. Circ hole w/2% KCl FW. Press tstd csg to 1000# - ok. Sptd 100 gal 10# acetic ac 11,100 - 11,000'. Jet perfd Morrow 2 shots/ft. @ 11,083', 11,084', 11,086', 11,087', 11,088', 11,090' & 11,091'. Total 14 0.50" holes w/23" penetration. Set pkr on WL @ 11,060'. Ran & set 356 jts of 2-7/8" OD tbg @ 11,060'.

ND BOP. NU tree. Tstd csg to 500# - ok. Dropped bar. GTS in 4 min. Cleaned up to pit, flwg gas ARO 978 MCFD, 9 hrs, 1" ck, FTP 90#. 14 hr SITP 3300#. Az Morrow perfs 11,083-11,091' w/2500 gal 7½% MS ac w/additives. Used 1000 SCF N₂/bbl (total 100,000 SCF), used 21-7/8" RCNCB ball w/no action. Press annulus to 3000# - ok. Max press 7600#, min press 6800#, ISIP 6600#, AIR 9.5 bpm (6.0 ac & 3.5 N₂). 10 min SIP 4400#. Opened to pit on 1" ck.

14 hr SITP 3200#. Flwd well to pit on 1" ck for 10 hrs, FTP 100#, GR 1.4 MMCFD. 96 hr SITP 2723 DW. Flwd 4 pt test:

<u>TIME</u>	<u>GAS RATE-MCFD</u>	<u>CHOKE</u>	<u>FTP</u>	<u>BP</u>
1 hr	515	9/64	2362#	330#
1 hr	1,060	12/64	1927#	470#
1 hr	1,450	14/64	1466#	490#
1 hr	1,525	16/64	1130#	490#

Prod 1 bbl DIST. during 4 hr test. SI WO pipeline connection. CAOF Morrow 1773 MCFD.