

Drill STEM TEST

Date: September 2, 1979

2. Well Name & Number: Morton Solid State Unit #1
 3. Drill Stem Test Number: 2
 4. Depth Tested: From: 10,239 ft. To: 10,393 ft.
 5. Formation Tested: Wolfcamp
 6. Preflow Time: 15 mins.
 7. Tool Open with Poor, Fair, Good, Very Good Blow in immediately mins.
 8. Gas to Surface 21* mins., Maximum 125 MCFGPD *includes 15" preflow
 9. Initial Shut-in Time: 60 mins.
 10. Final Flow Time: 75 mins.
 11. Tool Open with (Type of Blow): Good
 12. Estimated Maximum Gas Vol: 125 MCFPD; Decreased to
90 MCF on 3/8 choke
 13. Final Shut-In: 150 mins.
 14. Drill String Recovery: 2000' water cushion 1000' free oil, 600' HO&GCDM
 15. Sample Chamber Recovery: 1) 7.9 gas with 1350 PSI
650 oil
2) 500 cc O&GCDM
- | | Top | Bottom |
|---|--------------------|--------------------|
| 16. Initial Hydrostatic Pressure: | <u>4893</u> | <u>4920</u> |
| 17. Initial Flow Pressure: | <u>990 - 1105</u> | <u>1038 - 1176</u> |
| 18. Initial Shut-in Pressure: | <u>3575</u> | <u>3580</u> |
| 19. Final Flow Pressure: | <u>1143 - 1624</u> | <u>1201 - 1639</u> |
| 20. Final Shut-In Pressure: | <u>3689</u> | <u>3668</u> |
| 21. Final Hydrostatic Pressure: | <u>4842</u> | <u>4895</u> |
| 22. Bottom Hole Temperature: <u>150</u> °F | | |
| 23. Time Test Started: <u>6:12</u> PM Finished: <u>11:15</u> PM | | |
| 24. Service Company: <u>Johnston</u> | | |
| 25. DEI Supervisor: <u>Overbider, McCarroll</u> | | |

Note: Final Shut in time must be doubled the final flow time.