

DOE LESTER EXPLORATION, INC.

DRILL STEM TEST REPORTDate: September 12, 1979

2. Well Name & Number: Morton Solid State Unit #1
3. Drill Stem Test Number: 3
4. Depth Tested: From: 10,420 ft. To: 10,510 ft.
5. Formation Tested: Wolfcamp
6. Preflow Time: 5 mins.
7. Tool Open with Poor, Fair, Good, Very Good Blow in 5 mins.
8. Gas to Surface mins., Maximum MCFGPD
9. Initial Shut-in Time: 90 mins.
10. Final Flow Time: 30 mins.
11. Tool Open with (Type of Blow): No blow
12. Estimated Maximum Gas Vol: MCFPD; Decreased to
 MCF on choke
13. Final Shut-In: 98 mins. Good blow at end
14. Drill String Recovery: 2000' WC, 40' OCW, 190' GDM
15. Sample Chamber Recovery: 1) 1.5 cf gas with 10 PSI
2) 1400 cc O&GCM
- | | <u>Top</u> | <u>Bottom</u> |
|---|------------------|------------------|
| 16. Initial Hydrostatic Pressure: | <u>4946</u> | <u>4984</u> |
| 17. Initial Flow Pressure: | <u>971 - 971</u> | <u>956 - 956</u> |
| 18. Initial Shut-in Pressure: | <u>3728</u> | <u>3745</u> |
| 19. Final Flow Pressure: | <u>971 - 971</u> | <u>956 - 956</u> |
| 20. Final Shut-In Pressure: | <u>3305</u> | <u>3296</u> |
| 21. Final Hydrostatic Pressure: | <u>4946</u> | <u>4990</u> |
| 22. Bottom Hole Temperature: <u>144</u> °F | | |
| 23. Time Test Started: <u>6:35</u> ^{am} _{PM} Finished: <u>10:20</u> ^{am} _{PM} | | |
| 24. Service Company: <u>Johnston</u> | | |
| 25. DEI Supervisor: <u>McCarroll</u> | | |

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