

DORCHESTER EXPLORATION, INC.

DRILL STEM TEST REPORT

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O. C. D.
ARTESIA, OFFICE

1. Date: 12-31-79
2. Well Name & Number: Brangus #1
3. Drill Stem Test Number: 2
4. Depth Tested: From: 7291 ft. To: 7660 ft.
5. Formation Tested: Mississippian
6. Preflow Time: 15 mins.
7. Tool Open with Poor, Fair, Good, Very Good Blow in 15 mins.
8. Gas to Surface - mins., Maximum - MCFGPD
9. Initial Shut-in Time: 60 mins.
10. Final Flow Time: 60 mins.
11. Tool Open with (Type of Blow): Weak
12. Estimated Maximum Gas Vol: MCFPD; Decreased to
 MCF on choke
13. Final Shut-In: 120 mins.
14. Drill String Recovery: 80' very slightly gas cut mud
15. Sample Chamber Recovery: 1) TSTM gas with 32 PSI.
2) 300 cc mud
- | | <u>Top</u> | <u>Bottom</u> |
|-----------------------------------|---|--------------------------------------|
| 16. Initial Hydrostatic Pressure: | <u>3993</u> | <u> </u> |
| 17. Initial Flow Pressure: | <u>256</u> | <u> </u> |
| 18. Initial Shut-in Pressure: | <u>294</u> | <u> </u> |
| 19. Final Flow Pressure: | <u>256</u> | <u> </u> |
| 20. Final Shut-In Pressure: | <u>not valid (picked up too high opened by pass tool)</u> | |
| 21. Final Hydrostatic Pressure: | <u>3981</u> | <u> </u> |
| 22. Bottom Hole Temperature: | <u>172</u> °F | <u> </u> |
| 23. Time Test Started: | <u>6:15</u> am | Finished: <u>10:30</u> am |
| 24. Service Company: | <u>Johnston</u> | |
| 25. DEI Supervisor: | <u>Blount</u> | |

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