

| SUGGESTED FIELD DATA SHEET (Not Required To File) |            |                                                                                                              |            |                     |                 |                               |        |                         |                                                                  |
|---------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------|------------|---------------------|-----------------|-------------------------------|--------|-------------------------|------------------------------------------------------------------|
| Type Test                                         |            | <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> ANNUAL <input type="checkbox"/> SPECIAL |            | Test Date           |                 | Lease No. or Serial No.       |        |                         |                                                                  |
| Company                                           |            | Connection                                                                                                   |            | 09-20-91            |                 | LC-030177B                    |        |                         |                                                                  |
| Field                                             |            | Reservoir                                                                                                    |            | Yates               |                 | Location                      |        | Unit                    |                                                                  |
| Rhodes-Yates-7Rvrs-Gas                            |            | C, 5, T-26-S, R-37-E                                                                                         |            | Plugback ID         |                 | Elevation                     |        | Farm or Lease Name      |                                                                  |
| Completion Date                                   |            | Total Depth                                                                                                  |            | 3057                |                 | 2972.6' GR                    |        | C. W. Shepherd Fed.     |                                                                  |
| Csg. Size                                         |            | Wt.                                                                                                          |            | Set At              |                 | Perforation From To           |        | Well No.                |                                                                  |
| 4 1/2                                             |            | 11.60                                                                                                        |            | 3100                |                 | 2473 2985                     |        | 8                       |                                                                  |
| Tbg. Size                                         |            | Wt.                                                                                                          |            | Set At              |                 | Perforation From To           |        | Sec. Twp-dik Rge.       |                                                                  |
| 2 3/8"                                            |            | 4.7                                                                                                          |            | 2687 S.N.           |                 |                               |        | 5 26-S 37-E             |                                                                  |
| Type Completion (Describe)                        |            | Packer Set At                                                                                                |            | None                |                 | County or Parish              |        | Lea                     |                                                                  |
| Single                                            |            |                                                                                                              |            |                     |                 |                               |        |                         |                                                                  |
| Producing Thru                                    |            | Reservoir Temp. F                                                                                            |            | Mean Annual Temp. F |                 | Baro. Press. - P <sub>g</sub> |        | State                   |                                                                  |
| Tubing                                            |            | 101 @ 2687                                                                                                   |            | 60                  |                 | 13.2                          |        | New Mexico              |                                                                  |
| L 2687                                            |            | H 2687                                                                                                       |            | % CO <sub>2</sub>   |                 | % N <sub>2</sub>              |        | % H <sub>2</sub> S      |                                                                  |
|                                                   |            |                                                                                                              |            |                     |                 |                               |        | Prover flange Meter Run |                                                                  |
|                                                   |            |                                                                                                              |            |                     |                 |                               |        | 3.068                   |                                                                  |
| DATE                                              | ELAP. TIME | Wellhead Working Pressure                                                                                    |            |                     | METER OR PROVER |                               |        |                         | REMARKS                                                          |
| Time of Reading                                   | Hrs.       | Tbg. Psig.                                                                                                   | Csg. Psig. | Temp F              | Pressure Psig   | Diff.                         | Temp F | Orifice                 | ( Include liquid Production data )<br>Type-A.P.I. Gravity-Amount |
| 11:00                                             | START TEST |                                                                                                              |            | CHOKE               | SHUT IN         | 312 #                         |        |                         | MCFD                                                             |
| 11:00                                             | .00        | 296                                                                                                          | 0          | 17/64               | 40              | 13                            | 42     | 1.625                   | 431                                                              |
| 11:15                                             | .15        | 292                                                                                                          | 0          | 17/64               | 40              | 13                            | 42     | 1.625                   | 431                                                              |
| 11:30                                             | .30        | 291                                                                                                          | 0          | 17/64               | 40              | 13                            | 42     | 1.625                   | 431                                                              |
| 11:45                                             | .45        | 291                                                                                                          | 0          | 17/64               | 40              | 13                            | 42     | 1.625                   | 431                                                              |
| 12:00                                             | 1.00       | 278                                                                                                          | 0          | 20/64               | 40              | 25                            | 42     | 1.625                   | 598                                                              |
| 12:15                                             | 1.15       | 278                                                                                                          | 0          | 20/64               | 40              | 25                            | 42     | 1.625                   | 598                                                              |
| 12:30                                             | 1.30       | 278                                                                                                          | 0          | 20/64               | 40              | 25                            | 42     | 1.625                   | 598                                                              |
| 12:45                                             | 1.45       | 278                                                                                                          | 0          | 20/64               | 40              | 25                            | 42     | 1.625                   | 598                                                              |
| 1:00                                              | 2.00       | 262                                                                                                          | 0          | 23/64               | 40              | 40                            | 42     | 1.625                   | 756                                                              |
| 1:15                                              | 2.15       | 262                                                                                                          | 0          | 23/64               | 40              | 40                            | 42     | 1.625                   | 756                                                              |
| 1:30                                              | 2.30       | 262                                                                                                          | 0          | 23/64               | 40              | 40                            | 42     | 1.625                   | 756                                                              |
| 1:45                                              | 2.45       | 262                                                                                                          | 0          | 23/64               | 40              | 40                            | 42     | 1.625                   | 756                                                              |
| 2:00                                              | 3.00       | 246                                                                                                          | 0          | 26/64               | 40              | 56                            | 42     | 1.625                   | 895                                                              |
| 2:15                                              | 3.15       | 246                                                                                                          | 0          | 26/64               | 40              | 54                            | 42     | 1.625                   | 879                                                              |
| 2:30                                              | 3.30       | 246                                                                                                          | 0          | 26/64               | 40              | 54                            | 42     | 1.625                   | 879                                                              |
| 2:45                                              | 3.45       | 246                                                                                                          | 0          | 26/64               | 40              | 54                            | 42     | 1.625                   | 879                                                              |

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Date By Floyd Davis

COMPANY : MERIDIA OIL INC LEASE : SHEPHARD WELL NO. : 5 Pc = 325.2 Pc2 = 105.8 \*11  
 UNIT : SECTION : 5 TOWNSHIP : 26 Pz = 92.5 Pw = 307.5 \*11  
 L : 2687 H : 2687 L/H : 1 G/GMIX : 0.667 DATE : 20 51 84.8 297.9 \*11  
 WCD : 0.22 WND : 1.48 HDS : RANGE : 37 75.7 286.4 \*11  
 a : 1.995 Fr : 0.018231 SH : 1792.2 67.2 275.1 \*11

VOL 1 : 437 PSIA 1 : 304.2 RESV.TEMP 100.9 (Pc2-Pw2) = 11.2 Pw2 = 94.6 \*11  
 VOL 2 : 607 PSIA 2 : 291.2 17.0 88.7 \*11  
 VOL 3 : 767 PSIA 3 : 275.2 SHUT-IN PR= 325.2 23.7 82.0 \*11  
 VOL 4 : 891 PSIA 4 : 259.2 30.1 75.7 \*11

PCR : 677 n = 0.769 \*11  
 TCR : 372 (Pc2/(Pc2-Pw2)) = 9.452 \*11

| LINE |            | RATE 1   |          | RATE 2   |          | RATE 3   |          | RATE 4   |           |                        |
|------|------------|----------|----------|----------|----------|----------|----------|----------|-----------|------------------------|
|      |            | 1ST      | 2ND      | 1ST      | 2ND      | 1ST      | 2ND      | 1ST      | 2ND       |                        |
| 1    | QM         | 0.437    | 0.437    | 0.607    | 0.607    | 0.767    | 0.767    | 0.891    | 0.891     |                        |
| 2    | QW         | 534      | 534      | 534      | 534      | 534      | 534      | 534      | 534       | (Pc2/Pc2-Pw2)n = 5.626 |
| 3    | Qs         | 560.9    | 560.9    | 560.9    | 560.9    | 560.9    | 560.9    | 560.9    | 560.9     | 1.072                  |
| 4    | Q          | 547.4    | 547.4    | 547.4    | 547.4    | 547.4    | 547.4    | 547.4    | 547.4     | 2.154                  |
|      | PR (est)   | 0.45     |          | 0.43     |          | 0.41     |          | 0.38     |           | 2.630                  |
| 5    | Z(est)     | 0.929    | 0.927    | 0.931    | 0.929    | 0.934    | 0.931    | 0.936    | 0.933     |                        |
| 6    | TI         | 508.7    | 507.6    | 509.7    | 508.6    | 511.1    | 509.8    | 512.4    | 511.0     | ADP= 0 2.458           |
| 7    | SH/TI      | 3.523    | 3.530    | 3.516    | 3.524    | 3.507    | 3.516    | 3.498    | 3.508     | 2.471                  |
| 8    | as         | 1.141    | 1.142    | 1.141    | 1.141    | 1.141    | 1.141    | 1.140    | 1.141     | 2.419                  |
| 9    | 1-a-S      | 0.124    | 0.124    | 0.124    | 0.124    | 0.123    | 0.124    | 0.123    | 0.123     | 2.343                  |
| 10   | Pz         | 304.2    | 304.2    | 291.2    | 291.2    | 275.2    | 275.2    | 259.2    | 259.2     |                        |
| 11   | Pz2 (1000) | 92.5     | 92.5     | 84.8     | 84.8     | 75.7     | 75.7     | 67.2     | 67.2      |                        |
| 12   | Fr         | 0.018231 | 0.018231 | 0.018231 | 0.018231 | 0.018231 | 0.018231 | 0.018231 | 0.018231  |                        |
| 13   | Pc=Pz-TI   | 9.273    | 9.255    | 9.293    | 9.273    | 9.317    | 9.294    | 9.341    | 9.315     |                        |
| 14   | PcQm       | 4.05     | 4.04     | 5.64     | 5.63     | 7.15     | 7.13     | 8.32     | 8.30      |                        |
| 15   | L/H(PcQm)  | 16.4     | 16.4     | 31.8     | 31.7     | 51.1     | 50.8     | 69.3     | 68.9      |                        |
| 16   | Pw         | 2.032653 | 2.028364 | 3.930585 | 3.921401 | 6.293231 | 6.276543 | 8.516071 | 8.4906557 |                        |
| 17   | Pw2        | 94.6     | 94.6     | 88.7     | 88.7     | 82.0     | 82.0     | 75.7     | 75.7      |                        |
| 18   | Pz2        | 107.9    | 108.0    | 101.2    | 101.3    | 93.6     | 93.6     | 86.3     | 86.3      |                        |
| 19   | Ps         | 328.5    | 328.6    | 318.2    | 318.2    | 305.9    | 305.9    | 293.8    | 293.8     |                        |
| 20   | P          | 316.4    | 316.4    | 304.7    | 304.7    | 290.5    | 290.5    | 276.5    | 276.5     |                        |
| 21   | Pr         | 0.47     | 0.47     | 0.45     | 0.45     | 0.43     | 0.43     | 0.41     | 0.41      |                        |
| 22   | Tz         | 1.47     | 1.47     | 1.47     | 1.47     | 1.47     | 1.47     | 1.47     | 1.47      |                        |
| 23   | T          | 0.927    | 0.927    | 0.929    | 0.929    | 0.931    | 0.931    | 0.933    | 0.933     | FORM 0122-D            |