|  | SCHLUMBERGER WELL SURVEYING CORPORATION |  |   |                 |                  |               |          |       |               |                   |
|--|---|--|---|-----------------|------------------|---------------|----------|-------|---------------|-------------------|
|  |   |  | RORE  | <b>&gt;</b>     | Ga               | M             | ma       | 1     | Pay           | •                 |
|  |   |  | COMP  | ΔNY             | MURP             | HY 01         | <u>L</u> |       | Othe          | Surveys           |
|  |   | 4  | COMPANY MURPHY OIL  COMPANY OF PENNSYLVANIA |                 |                  |               |          | T - S | G             |                   |
|  | 7                                       | ₩.                                       | COMPANT OF LEMMS IF ANIATA                  |                 |                  |               |          |       |               | on of Well        |
| WFI  |   |  | WELL  | P. MAXWELL #17  |                  |               |          |       |               |                   |
| DODDRIDGE                                    | 교                                       | 15                                       |   |                 |                  |               |          |       | Mest (        | Imion aud?        |
| 2  | XWE                                     | OZ                                       |   | <del></del>     |                  |               |          |       |               |                   |
| 8  | 3                                       | <b>₹</b> 3                               | FIELD_                                      |                 |                  |               |          |       |               |                   |
| 8  |   | MURPHY<br>OF PE                          |   |                 |                  |               |          | ı     |               |                   |
|  |   | M  | LOCAT                                       | ION             |                  |               |          |       |               |                   |
|  |   |  |   |                 |                  |               |          |       | Elevation     | ı: D.F.:          |
| ي ځ  | <u>ō</u>                                | PA                                       |   |                 | 0000             | n i nci       | <b>5</b> |       |               | K.B.:<br>or G.L.: |
| 20   | F Y                                     | P. P | COUN  | TY_             | บบบน             | RIDGE         | <u> </u> | [     | C             | or G.L.:          |
| COUNTY<br>FIELD or                           | LOCATION                                | 80                                       | STATE                                       |                 | WEST             | VIR           | BINIA    |       | FILING        | No                |
| Log Depths Measured From <b>DF</b> Ft. above |   |  |   |                 |                  |               |          |       |               |                   |
|  |   |  |   |                 |                  |               |          |       |               |                   |
| RUN NO.                                      |   |  |   | ONE             |                  |               |          |       |               |                   |
| Date First Reading                           |   |  |   | 7-15-59<br>2225 |                  |               |          |       |               |                   |
| Last Reading                                 |   |  |   |                 | 175              | 5             |          |       |               |                   |
| Footage Measured                             |   |  |   |                 | 47               | 5             |          |       |               |                   |
|  | x. Dep                                  |  | ched  |                 | 222              | <u> </u>      |          |       |               |                   |
|  | tom D                                   |  | °E  |                 | 255              | <i>y</i>      |          |       |               |                   |
|  | ximum<br>d Nat                          |  | ) <u>. F.</u>                               |                 | DRY              |               |          |       |               |                   |
|  | d Leve                                  |  |   |                 |                  |               |          |       |               |                   |
|  |   |  |   | 5/8             | <u>in.)</u>      |               | 1012     |       | in.)<br>lb. ( | +0                |
| Casing Weight<br>∫Casing Size                |   |  |   |                 | lb.              | to            | 1812     |       | in.)          | to                |
| Casing Size                                  |   |  |   | ļ. —            | Ib. (            | to            |          |       | lb.           | to                |
| Bit Size                                     |   |  |   | 6               | in.              | to            | 1961     |       | in.           | to                |
| Bit Size                                     |   |  |   | 5               | in. 19           | <b>6</b> to   | TD       |       | in.           | to                |
|  | . Coun                                  |  |   | <del> </del>    | 201<br>201       |               | ation    |       |               |                   |
|  | oe Equ                                  |  | <u> </u>                                    | <del> </del>    | GLC<br>GNP       | <del>-X</del> |          |       |               |                   |
| Tv.  | e Pan                                   | ام                                       |   | 1               | GHE              |               | 1        |       |               |                   |
|  | oe Pan<br>or, Ria                       |  |   |                 | 1 H              | R             |          |       |               |                   |
| Or<br>Tru                                    | r, Ria<br>Ick No                        | Time                                     |   |                 | 1 H<br>282       | R<br>0        |          |       |               |                   |
| Or<br>Tru<br>Ot                              | r. Ria                                  | Time                                     |   |                 | H I<br>S8S<br>VA | R             | 46.43    |       |               |                   |

| WVGES 0%G Data System Listing:  | 2/25/1991   | NOTE:                          | All well depths measured in feet from surface datum.  |
|---|---|--------------------------------|---|
| ID: -COUNTY: 017 (DODDRIDGE) P  | 'ERMIT: 70172 SFX: W (Worke   | ed Over) R                     | REASSIGNED ID #: ()   |
| COMPLETION INFO: ELEVATION ELEVATION TYPE (Ground CLASSIFICATION:                 |   |                                | * LOCATION TAX DST:  * INFO: DEGREES MINUTES MILES  * 7.5' LATITUDE: 00 00.0 0.00S  * LONGITUDE: 00 00.0 0.00W  * QUADRANGLE: |
| INITIAL: (unclassified) FINAL: (unclassified) FIELD: (?Never assigned)            | SPUD: // WELL<br>COMP: // (L  | _ TYPE: 0                      | * 15' LATITUDE: 00 00 0.00S<br>* LONGITUDE: 00 00 0.00W<br>* QUADRANGLE:<br>* 5' SECT:  |
| OPEN GAS-BEFORE TREATMENT:<br>FLOW: GAS-AFTER TREATMENT:<br>ROCK NATURAL (PSI): 0 | (MCFPD) OIL-BEFORE TREATMENT<br>(MCFPD) OIL-AFTER TREATMENT<br>TIME (NATURAL, IN HOURS) | T: (BOPD) *<br>*<br>*<br>* 0 * | * UTM: EASTING: NORTHING: * COORDINATE DIGITIZED (Y/N): *   |
| PRESSURE: TREATED (PSI): 0 DEPTHS: TOTAL FTG: 2550                                | TIME (TREATED, IN HOURS):  NEW FTG: 0 EXPL FT   | TG: 0 3                        | * OWNER STATUS: C (Cmpltd) DATE: // * INFO: SURFACE OWNER: Maxwell, Porter 17 * OIL&GAS OWNER: * COMPANY NUMBER:              |
| DEEPEST FM: AT TOTAL DEPTH:<br>(undetermined uni                                  |   | 99                             | * OPERATOR: 4598 (C & S Drls)<br>*<br>  |

MECHANICAL LOG INFO:

STATUS: RANGE OF INTERVALS: 1750- 2225 DEEPEST FM LOGGED:
LOGS AVAILABLE: GR MICROFILM ROLL NUMBER(S): 12
COMMENT: on \$12 no permit \$
LOG TYPES: GR-samma ray; D-density; T-temperature; I-induction; N-neutron; S-sonic, \*Other types not noted