39040 LATITUDE -12,600'-J. \_2 -3 1113.75 N.04° W. 5.78°45'W 189.75 2760.45 N.19°30'E. 217.80' S,17° W. 301,13 N.24°45'W 410.85' Consol Well 4112 S.18°W. N 25°45' E S. 74° 30'E 311.85 N32°15'W 82.50' 415.80 5.82° W. 2029.50 N.60°45'W. N.52°45'E. 219.45 S.42°30'E. 191.40' 277.20 D. 17 W 80° 1920". l in 2500 Minimum Error of Closure .... COMPANY SURVEY TIED INTO U.S.G.S. SURVEY I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief Fracture...... and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia. New Location....□ Drill Deeper..... Map No. Squares: STATE OF WEST VIRGINIA CONSOLIDATION COAL COMPANY Company \_ **DEPARTMENT OF MINES** Address PO. BOX 1314 MORGANTOWN, WV 26505 OIL AND GAS DIVISION **CHARLESTON** S. PYLES Farm \_ Acres 79 Lease No. LOCATION MAP WELL Well (Farm) No. CONSOL 4112 Serial No. FILE NO. 061-06 1202.44 Elevation (Spirit Level) \_ Quadrangle WADESTOWN 7.5' SERIES + Denotes location of well on United States County MONONGALIA District \_\_\_\_ Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border Engineer Loud W. Karn 290 lines as shown. Engineer's Registration No. \_ - Denotes one inch spaces on border line of File No.\_ \_ Drawing No.\_ original tracing MAY 1 2 1981 4 - 20 - 81 1" = 1000' \_ Scale \_\_\_

\* Hope Well No. 1534

| i e e e e e e e e e e e e e e e e e e e |  | Pulalit   | ON NOTIGE         | 25/10                                   |             | 1697                |
|---|--|---|-------------------|---|-------------|---------------------|
| \$00<br>\$10                            |  |   |                   |   |             |                     |
|   | ERED PAR   |   | ,                 | <i>// / -</i>                           |             | WELL NO. 1634       |
| WALL MAP                                | 7-10 BY J<br>27-10 BY 9/   | , D.  | ATE COMPLETE      |   |             | •                   |
| ND PRODUCING FROM                       | IF OIL GIVE PRODUC-<br>TION RESULTS<br>IF GAS GIVE TEST AND<br>SIZE OF OPENING | DEPTH BELOW<br>PITTSBURG COAL<br>PRODUCING FROM | SAND COMPLETED IN | DEPTH BELOW PITTSBURG COAL COMPLETED IN | TOTAL DEPTH | REMARKS             |
| Dry                                     | Dry  | Dry   | 5-1h              | 2615                                    | 3540        |                     |
|   | E FOR EACH WEL   |   |                   |   | work        | s. P. OIL CO. SUPT. |
|   | 9  | •   |                   | •                                       |             | •••                 |

OF OH & GAS ONISION NEWSON

## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



47-061-0622-P

## AFFIDAVIT OF PLUGGING AND FILLING WELD A ALL DATE OF THE SET OF TH

| 1404' and nulled 184' of 8" Located top of 10"   | P. O. Box 1314, Morgantown, WV 26505  Same  COLLEGE OF PROPERTY COWNERS  S. Pyle  LADRES OF PROPERTY COWNERS  S. Pyle  LADRES OF PROPERTY COWNERS  FAITVIEW, WV  ACCORDS ASSES  SET Tennant (now S. Pyles)  FAITM  William Blosser  *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE INSPECTOR SUPERVISING PLUGGING  Larry Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filled in the following manner:  AND ON ZONE RECORD  FILLING MATERIAL  Coated top of 8" casing at 1120'. Cut 8" at 100" from ± 916 d at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface.  2) Fiapper vale at 1025'.  3) Latch down lug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zainx from 900' - 0', followed by 526 sacks expanding cement from 1530' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.   | Consolidation  |  |  | Consolid                                 | ation Coal Co                           | ompany        |   |  |
|--|--|--|--|--|--|---|---------------|---|--|
| Same    November 23,   1981  | Same    November 23,   19 81   |  | , Morgantown, WV   | 26505 1  |  |   |               |   |  |
| Battelle District  S. Pyle Monongalia County  Fairview, WV Well No. *Consol No. 4112  Seth Tennant (now S. Pyles) Farm  STATE INSPECTOR SUPERVISING PLUGGING William Blosser  *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Monongalia Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL FLUGS USED CASING  FORMATION Cleaned out wellbore to 1536'. SIZE & KIND CASE CASE CASE CASE CASE CASE CASE CASE   | Battelle District    S. Pyle   | Same   | ADDRESS  | 1  |  |   |               | 81                                      |  |
| S. Pyle Monongalia County  Fairview, WV Well No. *Consol No. 4112  Seth Tennant (now S. Pyles) Farm  **STATE INSPECTOR SUPERVISING PLUGGING William Blosser  **Hope Gas Co. Well No. 1534  **AFFIDAVIT**  STATE OF WEST VIRGINIA, County of Monongalia Ss:  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  **BAND OR ZONE RECORD FILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION Cleaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PORMATION CLeaned out wellbore to 1536'. **PILLING MATERIAL PLUGS USED CASING  **PILLIN | Battelle   District  | COAL C   | PERATOR OR OWNER   |  |  | -                                       | CATION        | _19                                     |  |
| S. Pyle    Class of Property Owner   Fairview, WV   Well No. *Consol No. 4112  | S. Pyle    County   C |  |  | J  | Battelle                                 |   |               | District                                |  |
| Mell No. *Consol No. 4112   Seth Tennant (now S. Pyles)   Farm   | Fairview, WV  ADDRESS  Seth Tennant (now S. Pyles)  Seth Tennant (now S. Pyles)  Farm  STATE INSPECTOR SUPERVISING PLUGGING  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Monongalia  Larry Yost  Being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by  Well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August  AND OR ZONE RECORD  FILLING MATERIAL  FLUGS USED  CASING  FORMATION  Cleaned out wellbore to 1536'.  PUTLOS USED  CASING  FORMATION  Cleaned out wellbore to 1536'.  STEE KIND  CLEAPT IN  LOCALE OF OR TOWN IN TOWN |  | ADDRESS  |  |  |   |               | District                                |  |
| Seth Tennant (now S. Pyles)  Seth Tennant (now S. Pyles)  Farm  STATE INSPECTOR SUPERVISING PLUGGING  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of  Larry Yost  and  David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by  Consolidation Coal Company,  well operator, and participated in the work of plugging and filling the above well, that said work  was commenced on the 1st day of August and filling the above well, that said work  was commenced on the 1st day of August and filling the above well, that said work  POR ZONE RECORD  FILLING MATERIAL  Located top of 8" casing at 1120". Cut 8" at 10" from ± 916 casing at 1120". Cut 8" at 10" from ± 916 casing at 916 and cut 10" at 1250". Could not pull  10" casing. Perforated 10" with 1 SPF from 965" to 975". Ran coal protective string of casing as follows:  1) 4½" casing from 1046" to surface.  2) Flapper value at 1025".  3) Latch down plug at 1004".  4) 2 7/8" tubing from 1536' - 1046".  Pump 650 sacks Po zmix from 900" - 0", followed by 526 sacks expanding cement from 1536" to 900".  Displace 4½" casing to 1004" with water. Bail   | STATE INSPECTOR SUPERVISING PLUGGING  STATE INSPECTOR SUPERVISING PLUGGING  **Hope Gas Co. Well No. 1534  **AFFIDAVIT*  STATE OF WEST VIRGINIA,  County of Monongalia  Larry Yost  Being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  **SAND OR ZONE RECORD FILLING MATERIAL FLUGS USED CASING  **PORMATION**  **Consol No. 4112  **BAPT OR WEST VIRGINIA,  **PLUGS USED CASING  **PULLING MATERIAL FLUGS USED CASING  * |  |  | <u>_</u>   | Monongal                                 | ia                                      |               | _County                                 |  |
| Seth Tennant (now S. Pyles)  Sat Tennant (now S. Pyles)  Farm  STATE INSPECTOR SUPERVISING PLUGGING  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD  FILLING MATERIAL  PLUGS USED  CASING  PORMATION  Cleaned out wellbore to 1536'.  STEANIND  COASING   | STATE INSPECTOR SUPERVISING PLUGGING.  William Blosser *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Monongalia Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD  FILLING MATERIAL  FORMATION  Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 1044' and pulled 84' of 8". Located top of 10" 8" from 1404 do at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coa protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper val e at 1025'. 3) Latch down lug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expa ding cement from 1536' to 900'.  Displace 4½" casing g to 1004' with water. Bail 4½" dry to 1004'. Set monument.  | · ·  | PROPERTY OWNER   |  |  | *Consol No                              | 4112          |   |  |
| STATE INSPECTOR SUPERVISING PLUGGING William Blosser  *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Monongalia Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGB UBED CABING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 constant to 10" from ± 916 constant to 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper val e at 1025'. 3) Latch down lug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks expanding coment from 1536' to 900'. Displace 4½" casing to 1004' with water. Bail   | STATE INSPECTOR SUPERVISING PLUGGING William Blosser  *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 19 81, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGG USED CASING  FORMATION Cleaned out wellbore to 1536'.  LOCATED TO THE TO TH | •  | ADDRESS  | W  | ell. No                                  | CONSOI NO.                              |               |   |  |
| STATE INSPECTOR SUPERVISING PLUGGING William Blosser  *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGS USED CASING  FORMATION Cleaned out wellbore to 1536'.  SIZE & KIND PLUGS USED CASING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 or 10" at 916 or 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper value at 1025'.  3) Latch down lug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Pot zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | STATE INSPECTOR SUPERVISING PLUGGING.  *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August , 19 81 , and that the well was plugged and filled in the following manner:  **AND OR ZONE RECORD FILLING MATERIAL PLUGE USED CASING POMATION Cleaned out wellbore to 1536'.  **LOCATED TO THE STATE OF WILLING MATERIAL PLUGE USED CASING POMATION Cleaned out wellbore to 1536'.  **LOCATED TO THE STATE OF THE STATE  |  |  |  | Seth Ten                                 | nant (now S.                            | Pyles)        | Farm                                    |  |
| *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,1981, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL FLUGG USED CABING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 casing at 1404' and pulled 184' of 8". Located top of 10" 8" from 1404 do at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper value at 1025'.  3) Latch down lug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  | *Hope Gas Co. Well No. 1534  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 19.81, and that the well was plugged and filled in the following manner:  **AND OR ZONE RECORD **PILLING MATERIAL **PLUGE USED **CABING**  **PORMATION **Cleaned out wellbore to 1536'.**  **PLUGE USED **CABING**  **PORMATION **Cleaned out wellbore to 1536'.**  **PLUGE USED **CABING**  **PORMATION **Cleaned out wellbore to 1536'.**  **PLUGE USED **CABING**  **PORMATION **Cleaned out wellbore to 1536'.**  **PLUGE USED **CABING**  **PULLED **LEFT IN 10" form # 916 d d d d d d d d d d d d d d d d d d d   | CONTRACTOR AND   |  |  | William                                  | Placcan                                 |               |   |  |
| STATE OF WEST VIRGINIA,  County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19.81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL FLUGS USED CABING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 cleaned out well bore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 cleaned out well bore to 971'. Ran coal protective string of casing as follows:  1) 4½" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface.  2) Flapper valve at 1025'.  3) Latch down lug at 1004'.  4) 2 7/8" tubil g from 1536' - 1046'.  Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 990'.  Displace 4½" casing to 1004' with water. Bail   | STATE OF WEST VIRGINIA,  County of Monongalia  Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGS USED CABING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 d 1404' and pulled 84' of 8". Located top of 10" 8" from 1404 do at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface.  2) Flapper val e at 1025'.  3) Latch down lug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Pozmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.   | STATE INSPECTOR  | SUPERVISING PLUGGII  |  | **********                               |   | 1534          | *************************************** |  |
| County of Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGB USED CABING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 of 10" at 250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper val e at 1025'.  3) Latch down lug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expalding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  | County of Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 19 81, and that the well was plugged and filled in the following manner:  EAND OR ZONE RECORD FILLING MATERIAL PLUGG USED CASING  FORMATION Cleaned out wellbore to 1536'.  LOCATE OF 8" Casing at 1120'. Cut 8" at 10" from ± 916 d 1404' and pulled 84' of 8". Located top of 10" 8" from 1404 do at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper val e at 1025'. 3) Latch down lug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Poz zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.   |  |  |  | -  |   |               |   |  |
| Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGB USED CASING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 casing at 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper value at 1025'.  3) Latch down blug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Pozzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  | County of Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 19 81, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGE USED CASING  FORMATION Cleaned out wellbore to 1536'.  SIZE A KIND PUILED CASING  LOCATED LOCATED STILLING MATERIAL PLUGE USED CASING  FORMATION Cleaned out wellbore to 1536'.  LOCATED LOCATED STILLING MATERIAL PLUGE USED CASING  FORMATION Cleaned out wellbore to 1536'.  SIZE A KIND PUILED CASING  LOCATED  | STATE OF WEST  | VIRGINIA,  |  |  |   |               |   |  |
| Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 1981, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGS USED CASING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 casing at 1404' and pulled 84' of 8". Located top of 10" 8" from 1404 do at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down flug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | Larry Yost and David Yost  being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 19 81, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGS USED CASING  FORMATION Cleaned out wellbore to 1536'.  LOCATED TOWN THE RECORD CLEANING PULLED CASING  FORMATION CLEANING TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN   | County of Monon  | galia  | ss:  |  |   |               |   |  |
| being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,1981, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGG USED CASING  Cleaned out wellbore to 1536'.  LOCATED CASING  COLEANED CASING  LOCATED LOCATED CASING  LOCATED LO | being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by. Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 1981, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGS USED CASING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 d 84' of 8". Located top of 10" 8" from 1404 do at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down lug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Polymix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.   |  | Yost   | •  | מ  | avid Yost                               |               |   |  |
| plugging and filling oil and gas wells and were employed by Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 19.81, and that the well was plugged and filled in the following manner:    SAND OR ZONE RECORD  | plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 19 81, and that the well was plugged and filled in the following manner:    SAND OR ZONE RECORD   |  |  | depose and   |  |   | nced in the   | work of                                 |  |
| well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:    SAND OR ZONE RECORD  | well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of August 1981, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD FILLING MATERIAL PLUGB USED CASING  FORMATION Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at 10" from ± 916 d 8" from 1404' and pulled 84' of 8". Located top of 10" 8" from 1404 do at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper value at 1025'.  3) Latch down plug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.  |  |  |  |  |   |               |   |  |
| was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:    SAND OR ZONE RECORD   FILLING MATERIAL   PLUGE USED   CASING  | was commenced on the 1st day of August ,19 81 , and that the well was plugged and filled in the following manner:  ### Plugg used Casing    Filling MATERIAL   Plugg used   Casing   | well operator, and p   | participated in the wo   | rk of plugging   | g and filli                              | ing the above w                         | vell, that sa | id work                                 |  |
| ### SAND OR ZONE RECORD   FILLING MATERIAL   PLUGS USED   CASING      FORMATION   Cleaned out wellbore to 1536'.   SIZE & KIND   PULLED   LETT IN     Located top of 8" casing at 1120'. Cut 8" at   10" from ± 916 cost     1404' and pulled   84' of 8". Located top of 10"   8" from 1404 do     at ± 916' and cut   10" at 1250'. Could not pull   10" casing. Perforated 10" with 1 SPF from 965'     to 975'. Ran coal protective string of casing   as follows:   1) 4½" casing from 1046' to surface.   2) Flapper val e at 1025'.   3) Latch down plug at 1004'.   4) 2 7/8" tubing from 1536' - 1046'.     Pump 650 sacks Pozmix from 900' - 0', followed   by 526 sacks expanding cement from 1536' to 900'.     Displace 4½" casing to 1004' with water.   Bail       Casing Casing  | ### SAND OR ZONE RECORD   FILLING MATERIAL   PLUGS USED   CASING    **PORMATION   Cleaned out wellbore to 1536'. **BIXE & KIND   CSE   CSE | was commenced on   | the 1st day of   | August   | , 19_                                    | $\frac{81}{2}$ and that the             | ne well was   | plugged                                 |  |
| Cleaned out wellbore to 1536'.   SIZE & KIND   COST  | Cleaned out wellbore to 1536'.   SIZE & KIND   CLEANE  | and filled in the fol  | lowing manner:   |  | ,  | ,                                       |               | PBB                                     |  |
| Cleaned out wellbore to 1536'.  Located top of 8" casing at 1120'. Cut 8" at  10" from ± 916 of  at ± 916' and cut 10" at 1250'. Could not pull  10" casing. Perforated 10" with 1 SPF from 965'  to 975'. Ran coal protective string of casing  as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down blug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | Cleaned out wellbore to 1536'.   SIZE & RIND   CLEAT IN  | SAND OR ZONE RECORD  | FILLING )  | MATERIAL   |  | PLUGS USED                              | CARING        |   |  |
| Located top of 8" casing at 1120'. Cut 8" at  10" from ± 916 of  1404' and pulled 184' of 8". Located top of 10"  at ± 916' and cut 10" at 1250'. Could not pull  10" casing. Perforated 10" with 1 SPF from 965'  to 975'. Ran coal protective string of casing  as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Pozmix from 900' - 0', followed  by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  | Located top of 8" casing at 1120'. Cut 8" at  1404' and pulled 184' of 8". Located top of 10"  at ± 916' and cut 10" at 1250'. Could not pull  10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing  as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down blug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.   | FORMATION  | Cleaned out well   | lhore to 15'   | 36'                                      | SIZE & KIND                             | <b> </b>      |   |  |
| 1404' and pulled 184' of 8". Located top of 10"  at ± 916' and cut 10" at 1250'. Could not pull  10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing  as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Polizmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | 1404' and pulled 84' of 8". Located top of 10"  at ± 916' and cut 10" at 1250'. Could not pull 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper value at 1025'.  3) Latch down plug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.  | Located top of 8"  |  |  |  |   | 11            |   |  |
| at ± 916' and cut 10" at 1250'. Could not pull  10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing  as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Polymix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | at ± 916' and cut 10" at 1250'. Could not pull  10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.   | 1404' and pulled   | 84' of 8". Locat   | 10"  |  |   |               |   |  |
| 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing as follows:  1) 4½" casing from 1046' to surface. 2) Flapper value at 1025'.  3) Latch down plug at 1004'. 4) 2 7/8" tubing from 1536' - 1046'. Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | 10" casing. Perforated 10" with 1 SPF from 965' to 975'. Ran coal protective string of casing  as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.  | at ± 916' and cut  | 916' and cut 10" at 1250'. Could not r   |  |  | *************************************** | 8 1101        | 1404 dow                                |  |
| as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down flug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  | as follows:  1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down blug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.   | 10" casing. Perf   | rated 10" with 1   | SPF from 96  | 65'                                      |   |               |   |  |
| 1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Potzmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | 1) 4½" casing from 1046' to surface.  2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Polizmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.   | to 975'. Ran coa   | protective strip   | ng of casing   | g  | *                                       |               |   |  |
| 2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Polizmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  | 2) Flapper value at 1025'.  3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Polizmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.  COAL SEAMS  DESCRIPTION OF MONUMENT  | as follows:  |  |  |  |   |               |   |  |
| 3) Latch down 'lug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | 3) Latch down plug at 1004'.  4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.  COAL SEAMS  DESCRIPTION OF MONUMENT   |  |  | face.  |  |   |               |   |  |
| 4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Potzmix from 900' - 0', followed  by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  | 4) 2 7/8" tubing from 1536' - 1046'.  Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.  COAL SEAMS  DESCRIPTION OF MONUMENT  | 2) Flapper val   | e at 1025'.  |  |  |   |               |   |  |
| Pump 650 sacks Pozmix from 900' - 0', followed<br>by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | Pump 650 sacks Po zmix from 900' - 0', followed by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.  COAL SEAMS  DESCRIPTION OF MONUMENT  | 3) Latch down  | lug at 1004'.  |  |  |   |               |   |  |
| by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail   | by 526 sacks expanding cement from 1536' to 900'.  Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.  COAL SEAMS  DESCRIPTION OF MONUMENT   | 4) 2 7/8" tubi   | ng from 1536' - 10   | )46'.  |  |   |               |   |  |
| Displace 4½" casing to 1004' with water. Bail  | Displace 4½" casing to 1004' with water. Bail 4½" dry to 1004'. Set monument.  COAL SEAMS  DESCRIPTION OF MONUMENT   |  |  |  |  |   |               |   |  |
| Displace 4½" casing to 1004' with water. Bail  4½" dry to 1004'. Set monument.   | 4½" dry to 1004". Set monument.  COAL SEAMS  DESCRIPTION OF MONUMENT   | · ·  | łi –   |  | <u> </u>                                 | ,                                       |               |   |  |
| 42 dry to 1004. Set monument.  | COAL SEAMS DESCRIPTION OF MONUMENT   | Displace $4\frac{1}{2}$ " casi   | ng to 1004' with v   | water. Bail  | 1  |   |               |   |  |
|  | DESCRIPTION OF MONUMENT  | +2 diy to 1004 .   | See monument.  |  |  |   |               |   |  |
| COAL STANS   | DESCRIPTION OF MONUMENT  | COAL SEAMS   |  |  |  |   |               |   |  |
| DESCRIPTION OF MONIMENT  |  |  | 0241 0321  |  |  | <b>+</b>                                |               |   |  |
|  | surface with plaque stating:   |  | 924 - 932  |  |  | surface with plaque stating:            |               |   |  |
| AME: Pittsburgh 924' - 932' 5' of $4\frac{1}{2}$ " casing sticking above   | mat,   |  |  |  | <del></del>                              | ···                                     |               |   |  |
| Pittsburgh 924' - 932' 5' of 4½" casing sticking above surface with plaque stating:  |  |  |  |  |  |   |               |   |  |
| COAL SEAMS DESCRIPTION OF MONIMENT   |  | as follows:  1) 4½" casing 2) Flapper val 3) Latch down 4) 2 7/8" tubi Pump 650 sacks Po by 526 sacks expa Displace 4½" casi 4½" dry to 1004'. | rom 1046' to surve at 1025'.  lug at 1004'.  g from 1536' - 10  zmix from 900' -  ding cement from  g to 1004' with w  Set monument. | face.  046'.  0', follower 1536' to 90   | ed 00°.                                  |   |               |   |  |
| AME, Pittsburgh 924' - 932' 5' of $4\frac{1}{2}$ " casing sticking above   |  |  |  |  | <del></del>                              | ···                                     |               |   |  |
| AME, Pittsburgh 924' - 932' 5' of $4\frac{1}{2}$ " casing sticking above surface with plaque stating:  |  |  |  |  |  |   |               |   |  |
| Pittsburgh 924' - 932' 5' of $4\frac{1}{2}$ " casing sticking above surface with plaque stating:   |  | and that the work  | of plugging and filling  | ng said well   | 47                                       | -061-0622-P                             |               | _day of                                 |  |
| AME, Pittsburgh 924' - 932'  AME, Surface with plaque stating:  Consol Well No.4112  47-061-0622-P  and that the work of plugging and filling said well was completed on the 23 day of   | Consol Well No.4112 47-061-0622-P  and that the work of plugging and filling said well was completed on the 23 day of  |  | · ·  |  | 12 12 12 12 12 12 12 12 12 12 12 12 12 1 | 4 mg                                    |               |   |  |
| AME, Pittsburgh 924' - 932'  AME, Surface with plaque stating:  Consol Well No.4112  47-061-0622-P   | and that the work of plugging and filling said well was completed on the 23 day of  August 19 81   Line 1  | And further deg  |  |  | 777 341                                  | A II I TO THE                           |               |   |  |
| AME, Pittsburgh 924' - 932'  AME, Surface with plaque stating:  Consol Well No.4112  47-061-0622-P  and that the work of plugging and filling said well was completed on the 23 day of August  And further deponents saith not.  | and that the work of plugging and filling said well was completed on the 23 day of  August 19 81  And further deponents saith not.   | _  | ahamihad tak   | 00 1-h   | II in                                    | - Mod                                   | ,             |   |  |
| AME)  Pittsburgh  924' - 932'  Surface with plaque stating:  Consol Well No.4112  47-061-0622-P  and that the work of plugging and filling said well was completed on the 23 day of August  August  19  81   | and that the work of plugging and filling said well was completed on the 23 day of  August 19 81  And further deponents saith not.   | _  | ubscribed before me t  | this N Si  | day of                                   | Mittender                               | 7,            | 19 <i>.</i> 8/                          |  |
| Pittsburgh 924' - 932'  Surface with plaque stating:  Consol Well No.4112  47-061-0622-P  and that the work of plugging and filling said well was completed on the 23 day of  August 19 81  And further deponents saith not.  Sworn to and subscribed before me this 30 day of Third Land 19 51.   | and that the work of plugging and filling said well was completed on the 23 day of August  And further deponents saith not.  Sworn to and subscribed before me this of the day of Thinkell 1951.   | Sworn to and s   |  | this $\sqrt[3]{2}$   | day of                                   | Mirinder<br>Liverales                   | Kilson        | )                                       |  |
| AME, Pittsburgh 924' - 932'  AME, Surface with plaque stating:  Consol Well No.4112  47-061-0622-P  and that the work of plugging and filling said well was completed on the 23 day of August , 19 81  And further deponents saith not.  | AME)  Consol Well No.4112  47-061-0622-P  and that the work of plugging and filling said well was completed on the 23 day of August  And further deponents saith not.  Sworn to and subscribed before me this 30 th day of Thinkell 1951  My commission expires:  Notary Public  | Sworn to and so  | res:   | this $\mathcal{S}_{\mathcal{L}} \stackrel{\overline{\mathcal{L}}_{1}}{\smile}$ | day of                                   | Mirander J                              | Kilson        | )                                       |  |