

# DEPARTMENT OF MINES OIL AND GAS DIVISION

## NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES, Charleston, W. Va.

| Koontz & Zimmerman   | Dyer & Ferzacca   |
|--|---|
| HOLLOPEN TOWN COAL OWNER not operate   |   |
| Wayne, W. Va.  | Wayne, W. Va.   |
| ADDRESS  | COMPLETE ADDRESS  |
|  | April 28th, 1962  |
| COAL OPERATOR OR COAL OWNER  | PROPOSED LOCATION   |
|  | Lincoln District  |
| ADDRESS  | DISTANCE  |
| Koontz & Zimmerman   | County  |
| Wayne, W. Va   | Well No. F-4 82° 25' 6. 850'  |
| ADDRESS  | Koontz & Zimmerman  |
| GENTLEMEN:   | 371 acres   |
| The undersigned well operator is entitled to drill   | l upon the above named farm or tract of land for  |
| oil and gas, having fee title thereto, (or as the case ma  | 7041 300  |
|  | Owens-Illinois Gas Co.  |
| Dans O Hammana   | , and recorded on the 30th day  |
| . March 1961   |   |
| Book 9 page 422  | the office of the County Clerk for said County in   |
| of coal beneath said farm or tract of land on which said aries of the same, who have mapped their workings and coal operators or coal owners (if any) above named as a The above named coal operators or coal owners (if desire to make to such proposed location, or which they at the drilling of a well at said proposed location will cause coal mines, must be received by, or filed with the Department a copy of this notice and accompanying plat by said Depthat forms for use in making such objections will be fur on request and that all such objections must set forth as grounds on which such objections are based and indicate the be moved to overcome same.  (The next paragraph is to be completed only in Copies of this notice and the enclosed plat were manamed coal operators or coal owners at their above shower on the same day with the mailing or delivery of this | elieves there are no coal operators operating beds I well is located, or within 500 feet of the bounded filed their maps as required by law, excepting the addressees.  any) are notified that any objections they may are required to make by Section 3 of said Code, if a dangerous condition in or about their respective ent of Mines within ten* days from the receipt of partment. Said coal operators are further notified enished to them by the Department of Mines promptly definitely as is reasonably possible the ground or endirection and distance the proposed location should.  Department's copy.)  ailed by registered mail, or delivered to the above were respective address |
| West Virginia.  Wery trul  MAY 1962  RECEIVED  West Virginia Dept. of Mines  Well Operator   | Dyer & Ferzacca  Well OPERATOR  Wayne  CITY OR TOWN  West Virginia.  STATE  |

\*Section 3 . . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

19

WAY--1419 PERMIT NUMBER

Koontz & Zimnerman Yayne, W. Va. Tayne, V. Va. April 28th, 1962 Jincoln - Lame Koonts & Zimmerman Mayne, W. Va Koontz & Zimmerman of and any torong the cate there are notice and they are predicted and a latter of the 1961 Assigned### Owens-Illinois Gas Co. Dyer & Ferzacca Dyer & Ferzacca 10/27/2023 Yest Virginia.

A-10

May 1, 1962 "Centennial '63"

Mrssrs. Dyer and Ferzacca Wayne West Virginia

Gentlemen:

We are returning your application for your signature for Well No. F-4 on Koontz and Zimmerman Lease, Lincoln District, Wayne County.

Please retrum the signed application as soon as possible.

Very truly yours,

Assistant Director OIL AND GAS DIVISION

MG/jb enclosure - 1

Work 1419

Ail

May 11, 1962 "Centennial 163"

1004-1419

Messrs. Dyer and Ferzacca c/o Mr. Jack Dyer Wayne, West Virginia

Dear Sirs:

On May 1 we returned your application for permit to drill Well No. F-h on the Koontz and Zimmerman Lease, Lincoln District, Wayne County, to be signed by either you or Mr. Ferzacca. To date this has not been returned to us and your permit to drill must be held up.

Please submit legal application without delay.

Very truly yours,

Assistant Director OIL & GAS DIVISION

MG/mc

cc: Mr. Kenneth E. Butcher, Inspector

| Formation | Color           | Hard or<br>Soft | Тор            | Bottom   | Oil, Gas<br>or Water                                       | Depth<br>Found      | Remarks |
|-----------|-----------------|-----------------|----------------|--|--|---------------------|---------|
|           |                 |                 |                |  | 60   |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  | 150<br>1602  | 10/10/2 A           |         |
|           |                 |                 |                |  |  | (1839)              |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                | The state of the s |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  | 1                   |         |
| go morron | Çajo).          | Sola<br>Sola    |                | 19/01/04   | 00 1808<br>00 1808   | 116385              |         |
| and that  | Ĉajer           |                 | Later          | 100 100 100 100 100 100 100 100 100 100  | (1) (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | yalki:              |         |
|           |                 | 1975 F 94.      |                |  |  | g de Broja          |         |
|           | FIRE A PAREA    | 1975 F 94.      |                |  |  | gyaliseya<br>gwarat |         |
|           |                 | 1975 F 94.      |                |  |  |                     |         |
|           |                 | 1975 F 94.      | D148 = 24-56 3 |  |  |                     |         |
|           |                 | 1975 F 94.      |                |  |  |                     |         |
|           | A DEV SEREN     | Q 11. 91.       |                |  |  |                     |         |
|           |                 | Q 11. 91.       |                |  |  |                     |         |
|           | A JAMES A SALES | Q 11. 91.       |                |  |  |                     |         |
|           | A JAMES A SALES | Q 11. 91.       |                |  |  |                     |         |
|           | A JAMES A SALES |                 |                |  |  |                     |         |
|           | A JAMES A SALES |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |
|           |                 |                 |                |  |  |                     |         |

APPROVED\_

Ву\_\_\_

|         | , Owner                               |
|---------|---------------------------------------|
| (Title) |                                       |
|         | MATHEWS PRINTING AND LITHOGRAPHING CO |



## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

| Quadrangle Wayne   |  |  |  |                          |                      |
|--|--|--|--|--------------------------|----------------------|
| Permit No. W24-14/9  | WELL   | RECORD   |  | Oil or G                 |                      |
| Company Diger "44 Flry acc<br>Address Boy # 7 Mayne<br>Farm Koonce "44 Zimmerman   | It. Va   | Casing and<br>Tubing   | Used in<br>Drilling  | Left in<br>Well          | Packers              |
| Location (waters) Last Creek   | Acres  | Size   |  |                          | 7- 1                 |
| Well No. 4   | Elev. 850  | 16   |  | ¥                        | Kind of Packer       |
| County   | agne   | 13   | 1/ '   | 1//                      |                      |
| The surface of tract is owned in fee by Address Sha  | row Pa   | 10   | 280  | 280                      | Size of              |
| Mineral rights are owned by  | and  | 81/4   | 200  | 300                      | <b>D</b>             |
| Junneiman Address Sha  | ran, Pa.   | 5 3/16   | 1265   | 1265                     | Depth set            |
| Drilling commenced 10- 13- 63  | 2  | 3  |  |                          | Perf. top            |
| Drilling completed 11 - 24 - 63  | 2_   | 2  |  |                          | Perf. bottom         |
| Date ShotFromT   | 'o   | Liners Used  |  |                          | Perf. top            |
| Open Flow 25/10ths Water in 1 1/2  |  |  |  |                          | Perf. bottom         |
|  | Inch   |  | 011  |                          |                      |
| Volume   | Inch<br>Cu. Ft.                                      | CASING CEM   | ENTED 3 1/2  | SIZE 1524                | No. Ft. 11/30/62 Dat |
|  |  |  |  |                          |                      |
| 11.16-   | hrs  | -  | 2  | . 2                      | 3/                   |
| 11.16-   |  | COAL WAS E   | NCOUNTERED   | AT 103                   | FEET 3' INCHES       |
| Rock Pressure 445 lbs.   |  | COAL WAS E   |  |                          | FEET 3 INCHE         |
| Rock Pressure 445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 =  | _bbls., 1st 24 hrs.                                  | COAL WAS E   | rINCI  | HESH                     | FEET INCHES          |
| Rock Pressure 445 lbs.  Oil  WELL ACIDIZED   | _bbls., 1st 24 hrs.                                  | COAL WAS E   | ΓINCE  | HESH                     | FEET INCHES          |
| Rock Pressure 445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 to the second | _bbls., 1st 24 hrs.                                  | COAL WAS E   | rinci<br>rinci<br>o Bals.  | HESH                     | FEET INCHES          |
| Rock Pressure 445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  Sufaration  RESULT AFTER TREATMENT 2167   | Soud at 150  | COAL WAS E   | ΓINCE  | HESH                     | FEETINCHES           |
| Rock Pressure 445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  | _bbls., 1st 24 hrs.                                  | COAL WAS E   | rinci<br>rinci<br>o Bals.  | HES F                    | FEETINCHES           |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water Feet  Formation Color Hard or Soft   | bbls., 1st 24 hrs.  Sound at 150 445                 | COAL WAS E  FEET  FEET  SOCO  Salt Water  Bottom                     | r INCH<br>r INCH<br>D Bals.  | HES F                    | FEETINCHE            |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water Feet  Formation Color Hard or Soft   | bbls., 1st 24 hrs.                                   | COAL WAS E.  FEET  500  Salt Water  Bottom                           | r INCH<br>r INCH<br>D Bals.  | HES F                    | FEETINCHE            |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water Feet  Formation Color Hard or Soft   | bbls., 1st 24 hrs.                                   | COAL WAS E.  FEET  Socionia  Salt Water  Bottom                      | r INCH<br>r INCH<br>D Bals.  | HES F                    | FEETINCHE            |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water 270 Feet  Formation Color Hard or Soft   | bbls., 1st 24 hrs.  # Soud at 150  445  Top  0 10 65 | COAL WAS E  FEET  SOCO  Salt Water  Bottom                           | INCHAIR INCH | HES F Wale  Feet.  Depth | FEETINCHES           |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water Feet  Formation Color Hard or Soft   | bbls., 1st 24 hrs.                                   | COAL WAS E  FEET  FOO  Solution  Salt Water  Bottom                  | INCHAIR INCH | HES F Wale  Feet.  Depth | FEETINCHES           |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water 270 Feet  Formation Color Hard or Soft   | bbls., 1st 24 hrs.                                   | COAL WAS E.  FEET SOCO SOCO SOCO SOCO SOCO SOCO SOCO SOCO            | Gas 4  | Feet. Depth              | FEETINCHES           |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water 270 Feet  Formation Color Hard or Soft  August and all all all all all all all all all al  | bbls., 1st 24 hrs.                                   | COAL WAS E.  ———————————————————————————————————                     | Gas 4  | Feet. Depth              | FEETINCHES           |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000 #  RESULT AFTER TREATMENT 2167  ROCK PRESSURE AFTER TREATMENT  Fresh Water 270 Feet  Formation Color Hard or Soft  August ald   | bbls., 1st 24 hrs.                                   | COAL WAS E.  FEET 500  Salt Water  Bottom  10 65 100 103 175 200 215 | Gas a Well 5   | Feet. Depth              | Remarks              |
| Rock Pressure 1445 lbs.  Oil  WELL ACIDIZED  WELL FRACTURED 30,000  RESULT AFTER TREATMENT 2/67  ROCK PRESSURE AFTER TREATMENT  Fresh Water Feet  Formation Color Hard or Soft  largue and all all all all all all all all all al  | bbls., 1st 24 hrs.                                   | COAL WAS E.  ———————————————————————————————————                     | Gas 4  | Feet. Depth              | Remarks              |

| Lana         |          | 10   | 4      |          |   |          |
|--------------|----------|------|--------|----------|---|----------|
| State        |          | 65   | 100    |          |   |          |
| Cald         |          | 100  | 103    | 0        | 1503  |          |
| Soul         |          | 103  | 175    | Gas at   |   |          |
| Slate        |          | 175  | 200    | Well 5h  | ut in at  |          |
| Sond         | 1.1/2.15 | 200  | 215    | 30/ 1    | 3 4   |          |
| Slate        |          | 215  | 235    | 30/10 11 | and of  |          |
| Soul         |          | 235  | 285    |          |   |          |
| State        |          | 285  | 400    |          |   |          |
| Sond         |          | 400  | 450    |          |   |          |
| Slate Shella |          | 450  | 625    |          |   |          |
| Lond         |          | 425  | 750    | 56       | 1891011   |          |
| Slate        |          | 750  | 1085   | Co.      | 063   |          |
| Salt Song    |          | 1085 | 1130   | WA REN   | 18910/1232<br>(1963<br>CEIVED 27/20/27/20<br>est virgint 0/27/20<br>ept. of Mines | 000      |
| blate Shells |          | 1130 | 1150   | RE RE    | CE Virgin 10/25/20  | J23      |
| n Sonif:     |          | 1150 | 1230   | W N      | ept. of man   |          |
| Plate Shells |          | 1230 | 1250   |          | 35.55.55 Gra  |          |
| Big Line     |          | 1250 | 1430   |          |   |          |
| Injun Lond   | 3011     | 1430 | (over) | DX WASH  | 2,6824<br>Dr. 315   | ge muche |
| self dengine |          | 1412 | 1485   |          |   |          |
| Lyn Sond     |          | 1485 | 1524   |          |   |          |
| 1/           |          |      |        |          |   |          |

|  |  | Soft   | 7430   | 10/19        | or Water                                  | Found  |                |
|--|--|--|--|--------------|---|--|----------------|
|  |  |  | 1525   | 1235         |   |  |                |
| - NO.  |  |  | 1237   |              |   | 1000 - 100   |                |
| 24,00  |  |  | 1132   | N E V        |   |  |                |
| Alexander of   |  |  |  |              |   |  |                |
|  |  |  | 1,85   | 1130         |   | W 40   |                |
| 7 25-4   |  |  | 750  | 1695         |   |  |                |
|  |  |  | 200  | 750          |   | (1000)   |                |
|  |  |  | 625  | 400          |   | - August   |                |
| . The  |  |  | 71.00  | 1,25-        |   |  |                |
| .6.  |  |  | 400  | 430          |   |  |                |
| 10   |  |  | - 6 (_   | TUO          |   |  |                |
| c.c  |  |  | 235  | 285          |   |  |                |
| Te   |  |  | 215  | 2=8          |   |  |                |
|  |  |  | 200  | 215          | - / · //                                  |  |                |
| 4  |  |  |  |              | NEILD                                     | Sutso 4  | 4              |
| *  |  |  | 175  | 200          |   |  | +              |
|  |  |  | 1.3  | 175          | 600                                       | 4 1808   |                |
|  |  |  | 11.  | 3            | O   | + 1803   |                |
| t.   |  |  | 137  | 150          |   |  |                |
| 11-47  |  |  | 10   | 65-          |   |  |                |
| 52,000   |  |  | 0  | 10           |   |  |                |
| the second second second second  |  | 1  |  |              |   |  |                |
| Eminarian.   |  | 394  | # 1 m  | \$2.44 × 51  | ne white                                  | e de la companya de l |                |
|  | 270  |  |  | Page Library | 900                                       | 1 1 1 1 1 1 1 1 1 1  |                |
|  | The second second  |  | The second secon |              |   |  |                |
|  |  |  | 2/4/5  | N 50 A       |   |  |                |
| PRESENT VELE   |  | 21/07  | 1/4/5  |              |   |  |                |
| PARTY ATTE   | 3.4.   | en time  | 11-45  | 12.          | 0 701150                                  | Contract of  |                |
| Paris vele   | The same   | entral   |  |              | o Bill                                    | Calabra .  |                |
| Papar Vile   | 3. 4<br>The property   | organ t  |  | 12.          | o Bill                                    | Citable .  |                |
| ETE ()   | 31.40  | on to the  |  | 12.          | o Bre                                     | Circles S  |                |
| FIR FRIENDS  | 24.45<br>34.46   | ores t   |  | 12.          | o Brico                                   | Jr. 3  |                |
| STEEL STATE  | 200 g  | ores t   |  | 12.          |   | 103  | 31             |
| es Presente  | 21.42  | ores t   | den 15   | 12.          | 315.<br>0 Balo                            | 1524   | May 12         |
| AB Decomp  | 21.42  | 1"12<br>or or t  | den 15   | 12.          |   | 1524   | May 12         |
| 25<br>Francis STEE   | 3.40   | ores t   | den 15   | 12.          |   | 1524   | 11/50/12<br>3/ |
| Signature Signat | 21.42  | ores t   | den 15   | 12.          |   | 1524   | 11/20/12-      |
|  | 10-10-10-10-10-10-10-10-10-10-10-10-10-1   | 1 12   | den 15   | 12.          |   | 1524   | Weight 2       |
| And Drawing State of the State  | 10-<br>10-<br>10-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3-<br>10-3- | 1 12   | den 15   | 12.          |   | 1534   | Weight 2       |
| CONTINUE CON | M 10-  | 1 12   | den 15   | 12.          | 314                                       | 1534   |                |
|  |  | 1 12   | den 15   | 12.          | 3 R                                       | 1524<br>1524   | Wei fire       |
|  | 21.40  | 1 12   | and, fa  | 12.          | 314                                       | 16.5<br>15.34  | 11/21/12       |
| Carlotte   | Maria Contraction of the Contrac   | 1 12   | sice as and fa   | 12.          | 314                                       | 11, 15 mm  | May Parket     |
|  | 10-<br>10-<br>10-<br>10-<br>10-<br>10-<br>10-<br>10-<br>10-<br>10-   | 12- 60 - 110 | and, fa  | 12.          | 314                                       | 11.<br>1534  | May have       |
|  | 21. 4. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.  | 12- 60 - 110 | sice as and fa   | 12.          | 314                                       | 11.<br>15.04   | Mary 12        |
| general succession   | The state of the s   | 12- 60 - 110 | Signe and for  | 12.          | 314                                       | 11.<br>15.24   |                |
|  | The state of the s   | to Conte   | Signe and for  | 3 , 20       | 12 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 | 11.  |                |
|  | The state of the s   | to Conte   | Signe and for  | 3 , 20       | 12 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 | 11:  | 7/2023         |

APPROVED.

By.

MATHEMS PRINTING AND LITHOGRAPHING (
CHARLESON W VA

(Title)



## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

| Quadrangle Wa  | Vne           |             |   |   |                     |                 |                 |
|--|---------------|-------------|---|---|---------------------|-----------------|-----------------|
| Permit No. Wa  |               |             | WELL  | RECORD  |                     | Oil or          | Gas Well Gas    |
| Company Address Bot  | 9. 5          | Hery acc    | 21. Va  | Casing and<br>Tubing  | Used in<br>Drilling | Left in<br>Well | Packers         |
| Location (waters   | // //         | st Creek    |   | Size  |                     |                 |                 |
| istrict Lin  | caln          | County2     | Layne   | 13  |                     |                 | Kind of Packer  |
| he surface of tr   | ract is owned |             | once and  |   | 16'                 | 16'             | Size of         |
| Zimmer   | mon           | Address Sh  | now Pa  | 81/4  | 280                 | 280             | Size oi         |
| Mineral rights a   | re owned by_  | Loone       | and   | 65/8  |                     |                 | Depth set       |
| Jinnmer  | man           | Address Sha | now, Pa.  | 5 3/16  | 1265                | 1265            | Depth sec       |
| rilling commen   |               |             | 2   | 3   |                     |                 | Perf. top       |
| Orilling complete  | ed            | - 24 - 6    | 2   | 2   |                     |                 | Perf. bottom    |
| Date Shot  | Fro           | om          | Го  | Liners Used   |                     |                 | Perf. top       |
| Vith   |               |             | - 11  |   |                     |                 | Perf. bottom    |
|  |               | in//2       | Inch Inch   |   |                     |                 |                 |
|  | 445           | lbs         | Cu. Fthrsbbls., 1st 24 hrs.   |   | NCOUNTERED          |                 | No. Ft.///30/62 |
| VELL ACIDIZE   |               |             | bbis., 1st 24 hrs.  | FEET  |                     |                 |                 |
|  |               |             |   | FEET  |                     |                 | FEETIN          |
| VELL FRACTU  | RED 3         | 0,000 =     | + Soud  |   | Bals                | LUATO           | FEETIN(         |
| Formation  | Color         | Hard or     | Тор   | Bottom  | Oil, Gas            | Donat           |                 |
|  |               | Soft        | 100   | Bottom  | or Water            | Depth           | Remarks         |
| nd   |               |             | 0   |   |                     | 1               |                 |
| nd   |               |             |   | 10  |                     |                 |                 |
| ite  |               |             | 10  | 65-   |                     |                 |                 |
|  |               |             | 10  | 65-   |                     |                 |                 |
| 1  |               | <i>y</i>    | 65  | 100   |                     |                 |                 |
| la   |               | 7           | 10 65   | 65-<br>100<br>103   | Gas a               | + 150           | 3               |
| ld   |               | <i>y</i>    | 10 65 100 103   | 65-<br>100<br>103<br>175  | Gas a               |                 |                 |
| w  |               |             | 10 65 100 103   | 65-<br>100<br>103   | 1.1-11 <            | butin           | at              |
| te   |               | *           | 10<br>65<br>100<br>103<br>175   | 65-<br>100<br>103<br>175<br>200   | 1.1-11 <            | butin           | at              |
| te   |               |             | 10<br>65<br>100<br>103<br>175   | 65-<br>100<br>103<br>175<br>200<br>215  | 1.1-11 <            | butin           | at              |
| te de te   |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215   | 65<br>100<br>103<br>175<br>200<br>215<br>235  |                     | butin           | at              |
| te de te   |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215   | 65<br>100<br>103<br>175<br>200<br>215<br>235<br>285   | 1.1-11 <            | butin           | at              |
| te de le   |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285   | 65-<br>100<br>103<br>175<br>200<br>215<br>235<br>285  | 1.1-11 <            | butin           | at              |
| te de la                   |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285   | 65-<br>100<br>103<br>175<br>200<br>215<br>235<br>285  | 1.1-11 <            | butin           | at              |
| te  id  ate  id  te  |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400  | 65-<br>100<br>103<br>175-<br>200<br>215-<br>235-<br>285-<br>400<br>450                            | Well 5              | hutin           | 3"              |
| te  id  it  id  te  id  te  id  te  id  te  id  te  id         |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450                                       | 65-<br>100<br>103<br>175-<br>200<br>215-<br>235-<br>285-<br>400<br>450-<br>625-                   | Well 5              | hutin           | 3"              |
| te ate ate ate ate ate ate ate ate ate a                       |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450<br>625                                | 65-<br>100<br>103<br>175<br>200<br>215-<br>235-<br>285-<br>400<br>450-<br>625-<br>700             | Well 5              | hutin           | 3"              |
| te  id  it  id  it  id  te  id  te  id  te  id  te  id  te  id |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450<br>425<br>700                         | 65-<br>100<br>103<br>175-<br>200<br>215-<br>235-<br>285-<br>400<br>450<br>625-<br>750             | Well 5              | hutin           | 3"              |
| te de lello  |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>450<br>450<br>750                                | 65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450<br>450<br>750<br>1085           | Well 5              | hutin           | 3"              |
| te shells  |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>200<br>450<br>450<br>750<br>750<br>1085                 | 65-<br>100<br>103<br>175-<br>200<br>215-<br>235-<br>285-<br>400<br>450<br>750<br>750<br>1030      | Well 5              | 6789707         | 3"              |
| te te shells   |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450<br>750<br>750<br>1085                 | 65<br>100<br>103<br>175<br>200<br>215<br>285<br>400<br>450<br>450<br>1030<br>1150                 | Well 5              | 6789707         | 3"              |
| te  te  ate  ate  ate  te  te  te  shells  te Shells  Sond     |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>200<br>450<br>450<br>750<br>750<br>1085                 | 65-<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450<br>450<br>1030<br>1150<br>1230 | Well 5              | 6789707         | at a            |
| te  te  ate  ate  ate  te  te  te  shells  te Shells  Sond     |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450<br>750<br>750<br>1085<br>7130<br>1150 | 65-<br>100<br>103<br>175-<br>200<br>215-<br>235-<br>285-<br>400<br>450<br>750<br>750<br>1030      | Well 5              | 6789707         | at a            |
| te  te  ate  ate  ate  te  shells  te Shells                   |               |             | 10<br>65<br>100<br>103<br>175<br>200<br>215<br>235<br>200<br>450<br>450<br>750<br>1085<br>1150<br>1230        | 65-<br>100<br>103<br>175<br>200<br>215<br>235<br>285<br>400<br>450<br>450<br>1030<br>1150<br>1230 | Well 5              | hutin           | 3"              |

Red Luzin Luzin Bond

(over) 1485 

# DEPARTMENT OF MINES

## OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

| Permit No. 14/9                       |             |   |                     | Oil or          | Gas Well                           |
|---------------------------------------|-------------|---|---------------------|-----------------|------------------------------------|
| Company Syler of Frena                | cca         | CASING AND<br>TUBING                    | USED IN<br>DRILLING | LEFT IN<br>WELL | PACKERS                            |
| Address Was me May                    | 9.          | Size                                    |                     |                 | Kind of Packer                     |
| Farm A control of 5 mm                | erma        | 13                                      |                     |                 |                                    |
| District Juncal County W              | 1/ds h      | 0 81/4                                  |                     |                 | Size of                            |
| Drilling commenced 9-16-62            | / /         | 65%                                     |                     |                 | Depth set                          |
| Drilling completedTotal depth         |             | 5 3/16                                  |                     |                 | Perf. top                          |
| Date shotDepth of shot                |             | 2                                       |                     |                 | Perf. bottom                       |
| Initial open flow/10ths Water in      | nInch       | Liners Used                             |                     |                 | Perf. top Perf. bottom             |
| Open flow after tubing/10ths Merc. in |             | a cove abwi                             | Marin               | CIZE            | No ET Date                         |
| Rock pressurelbs                      |             |   | NTED                | SIZE            | No. FTDate                         |
|                                       | 1st 24 hrs. | COAL WAS EN                             | COUNTEREL           | 911             | FEET 2/SINCHES                     |
| Fresh water 90 that le f              | Pulebt      | FEET                                    | INC                 | HES             | _FEETINCHES                        |
| Salt waterfeet                        |             | 1                                       | INC                 | HES             | _FEETINCHES                        |
| Drillers' Names Duyle                 | 11/1        | Mells                                   | ,                   |                 |                                    |
| Reparks:                              | illu        | 7 10                                    | 0                   | 0               | 4                                  |
| Total depth 500                       | 678         | 9101172                                 | a                   | able            | loals                              |
|                                       | (2) OCT     | 1962 TVED 5                             |                     |                 |                                    |
| 10-3-62                               | REW         | EIVED ST<br>st Virginia<br>ot. of Mines | /                   | 1981            | Bulche                             |
| DATE                                  | Del         | C313522211                              |                     |                 | DISTRICT WELL INSPECTOR 10/27/2023 |

## DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

| Permit No.  | -                  |                 |  | Wel       | I No         |      |
|---|--------------------|-----------------|--|-----------|--------------|------|
| COMPANY   |                    |                 | ADDRESS  |           |              |      |
| FARM  | 351.2              | DISTRICTCOUNTY  |  |           |              |      |
| Filling Material Used   |                    |                 |  |           |              |      |
| Liner Lo  | cation             | Amount          | Packer   | Location  |              |      |
| PLUGS USED  | AND DEPTH PLACED   |                 | BRIDGES  | CASIN     | G AND TU     | BING |
| CEMENT-THICKNESS  | WOOD-SIZE          | LEAD            | CONSTRUCTION-LOCATION  | RECOVERED | SIZE         | LOST |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 | N. 1811 1  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 | The second secon |           |              |      |
| ativities and the state of the | -75                | 23377.          |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   | 14                 |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
| Drillers' Names   |                    | 2               |  |           | معوا المالية |      |
| D   |                    |                 |  |           |              |      |
| Remarks:  |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   |                    |                 |  |           |              |      |
|   | I hereby certify I | visited the abo | ove well on this date.   |           |              |      |
| DATE  |                    |                 |  |           |              |      |

B-3

### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

| Permit No. 20 24 - 14/9                   |                      |                     | Oil or          | Gas Well                |
|---|----------------------|---------------------|-----------------|-------------------------|
| Company Dyert Ferz acca                   | CASING AND<br>TUBING | USED IN<br>DRILLING | LEFT IN<br>WELL | PACKERS                 |
| Address Way Me, W. Va.                    | Size                 |                     |                 | The Commercial Country  |
| Farm / Country + Finnerman                | 16                   |                     |                 | _ Kind of Packer        |
| Well No. 4                                | 10                   | 24                  |                 | Size of                 |
| District Leucoly County Wayne             | 81/4                 | 360                 |                 |                         |
| Drilling commenced                        | 65%                  | 1264                |                 | Depth set               |
| Drilling completedTotal depth             | 5 3/16<br>3          | 1241                |                 | Perf. top               |
| Date shotDepth of shot                    | 2                    |                     |                 | Perf. bottom            |
| Initial open flow/10ths Water inInch      | Liners Used          |                     |                 | Perf. top Perf. bottom  |
| Open flow after tubing/10ths Merc. inInch |                      |                     |                 | Peri. bottom            |
| VolumeCu. Ft.                             | CASING CEM           | ENTED               | SIZE            | No. FTDate              |
| Rock pressurelbshrs.                      |                      |                     |                 |                         |
| Oilbbls., 1st 24 hrs.                     | COAL WAS E           | CNCOUNTERED         | AT              | _FEETINCHES             |
| Fresh waterfeetfeet                       | FEE'                 | rINCF               | IES             | _FEETINCHES             |
| Salt waterfeetfeet                        | FEE′                 | TINCI               | HES             | _FEETINCHES             |
| Drillers' Names Burgers M                 | ills                 |                     |                 |                         |
| Allied Dilling Remarks:                   | Go,                  |                     |                 | e tools                 |
| Visited Office at w.                      | agni,                | Jog li              | rok.            | luar at                 |
| Well. Will give Go                        | ral f.               | Water               | late            | 21                      |
| //-2-62                                   |                      |                     |                 | DISTRICT WELL INSPECTOR |
| WOLL                                      |                      |                     |                 | 10/27/2023              |

### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

| Permit No             | •                  |                 |                        | Wel       | II No    |       |
|-----------------------|--------------------|-----------------|------------------------|-----------|----------|-------|
| COMPANY               |                    |                 | ADDRESS                |           |          | 08110 |
| FARM                  | er daylor set i go | DISTRIC         | ТС                     | COUNTY    |          |       |
| Filling Material Used |                    |                 |                        |           |          |       |
| Liner Loc             | cation             | Amount          | Packer                 | Location  |          |       |
| PLUGS USED A          | ND DEPTH PLACED    |                 | BRIDGES                | CASIN     | G AND TU | BING  |
| CEMENT-THICKNESS      | WOOD-SIZE          | LEAD            | CONSTRUCTION-LUCATION  | RECOVERED | SIZE     | LOST  |
|                       |                    | ( ) ( )         |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       | Per la company     |                 |                        |           |          |       |
|                       |                    |                 | STATE OF STATE         |           |          | 100   |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    | V 7/1 3/4       |                        |           |          | -     |
|                       |                    |                 |                        |           |          |       |
| rillers' Names        |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
| Remarks:              |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           |          |       |
|                       |                    |                 |                        |           | +        |       |
| DATE                  | I hereby certify I | visited the abo | ove well on this date. |           |          |       |
| PAIR                  |                    |                 |                        |           |          |       |

E-6

# May 2, 1963 "Centennial Year"

Mr. Jack Dyer c/o Dyer and Ferzacca Wayne, West Virginia

Dear Mr. Dyer:

We find that we have requested well drilling records a number of times for the following well locations and have not been able to receive them from you. These data must be filed before permit for your Well No. 5 on the Koontz and Zimmerman Farm, Lincoln District, Wayne County, can be issued.

| PERMIT NO.   | FARM                    | WELL NO. | DISTRICT |
|--------------|-------------------------|----------|----------|
| WAY-1359     | Koontz & Zimmerman      | F-2      | Lincoln  |
| WAY-1376     | Roy Copley              | F-1      | Butler   |
| WAY-1377-Rev | ised Koontz & Zimmerman | F-3      | Lincoln  |
| WAY-1419     | Koontz & Zimmerman      | F-4      | Lincoln  |

Some of these locations date back to 1961.

Yours very truly,

Assistant Director OIL AND GAS DIVISION

MG/sm

cc: Mr. Kenneth Butcher, Inspector



LEONARD J. TIMMS

DIRECTOR

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

CHARLESTON

May 7, 1962 "Centennial \*63"

Mr. G. C. Ewing, Engineer 413½ Ninth Street Huntington, West Virginia

Re: Tracing - Dyer & Ferzacca
Well Location No. 4
Wayne County

West Virginia Dept. of Mines

Dear Mr. Ewing:

Enclosed is a copy of the map you prepared for Well No. 4 on Koontz and Zimmerman Lease on which you inadvertently omitted the names of the property owners adjoining this Lease.

Please show on the copy enclosed and we will add this information to the tracing.

Very truly yours,

Assistant Director OIL & GAS DIVISION

MG/mc

Sorry but I am unable to ascertain the names of the adjoining owner of this taract of land. It is very wild turntory and no neighbors living near.

Your truly, 4.6.6 wing

:: E-8

May 21, 1962 "Centennial 163"

Dyer & Ferzacca Wayne, West Virginia

Att: Mr. Jack Dyer

Gentlemen:

Enclosed is Permit WAY-1419 for drilling Well No. F-4 on Roontz & Zimmerman Lease, Lincoln District, Wayne County.

Please post one copy of permit at the well site and send us two copies of the well record when drilling is completed.

Please refer to directive regarding easing of oil and gas wells sent you previously.

Very truly yours,

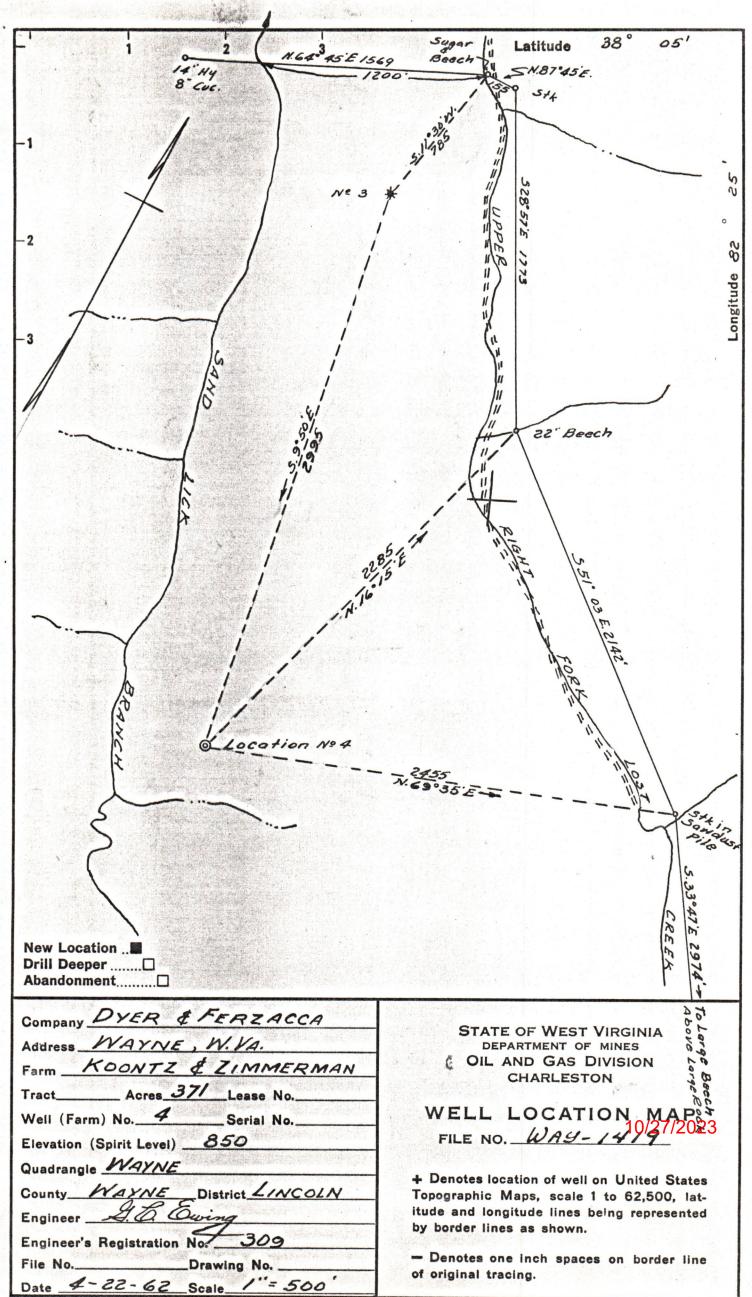
Assistant Director QLL AND GAS DIVISION

MG/fm enclosure

cc: Mr. Kenneth E. Butcher, Inspector

Mr. R. C. Tucker, Assistant State Geologist

bc: Mr. C. E. Roberts, Deputy Securities Commissioner



MAC 156 IMPERIAL 68347