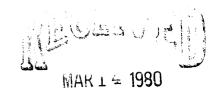
d 79. 399





#### Oil and Gas Division

OIL & GAS DIVISION

PERMIT NUMBER

47-029-100

# OIL AND GAS WELL PERMIT APPLICATION

| Address Country F. Nichol  R.D. #2, New Cumberland, WV 26047  Same Same Same Same Same Same Same   | Company Globe Refractor:  Address P.O. Box D. News Farm Harry F. Nichol  Location (waters)  Well No. #4  | ies, Inc.<br>ell WV 26050   |
|--|--|---|
| Address R.D. #2, New Cumberland, WV 26047  Mineral Owner same  Same  Same  Same  Same  Same  Same  Same  | Address P.O. Box D. News Farm Harry F. Nichol Location (waters)  | ell WV 26050  |
| Mineral Owner same  Address same  Coal Owner same  Address same  | Farm Harry F. Nichol Location (waters)   |   |
| Address same Soal Owner same Address same  | Location (waters)  | Acres 131   |
| ddres same   | +- #A  |   |
| ddree same   |  | 2.11  |
|  |  | Bievation 740   |
|  | District Clay  |   |
| <b>70</b>  | Quadrangle East Liverpool  | South   |
| same   |  |   |
| PERMIT MUST BE POSTED AT THE WELL SITE   |  |   |
| rovisions being in accordance with Chapter 22,   |  |   |
| e W. Va. Code, the location is hereby approved   | THEREOMOR  |   |
| Drilling This permit shall expire if   | INSPECTOR TO BE NOTIFIED Phillip Tra   | ICV   |
|  |  | · · · · · · · · · · · · · · · · · · ·   |
| tions have not commenced by 11-28-80   | ADDRESS Middleburn, West V   | <u>irginia</u>  |
| Total & Sel  | MIONE 304-750-4577   |   |
| eputy Director - Oil & Gas Division  | PHONE 304-758-4573   |   |
| NTLEMEN:   |  |   |
| The undersigned well operator is entitled to drill upon to   | the above named farm or tract of land  | for oil and gas, having   |
| OIL AND GAS WELL ORIGINALLY DRILLI The enclosed plat was prepared by a registered engineer are been notified as of the above date.  The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed a coal owners at their above shown respective address Females and the enclosed plat were mailed by coal owners at their above shown respective address Females and the enclosed plat were mailed by coal owners at their above shown respective address Females. | or licensed land surveyor and all coay on the state of the surveyor and all coay or notified that any objection they wish filed with the Department of Mines we say registered mail, or delivered to the all the 25, 1980 day or | n to make, or are require<br>ithin ten (10) days. *<br>bove named coal operator |
| me day with the mailing or delivery of this copy to the I  | Department of Mines at Charleston, Wes   | t Virginia.   |
| LEASE SUBMIT COPIES OF ALL   | Very truly yours,  |   |
| BOPHYSICAL LOGS DIRECTLY TO:   | (Sign Name) Globe Refractor  | ries. Inc.  |
|  | Well Operato   | r   |
| ST VIRGINIA GEOLOGICAL AND CONOMIC SURVEY Add  | P.O. Box D   |   |
| O. BOX 879 of  | Stiest   |   |
| RGANTOWN, WEST VIRGINIA 26505 Well Op  |  |   |
| <b>-304 - 292-6331</b>   | City or Town   |   |
|  | <u>West Virginia</u>   | 26050   |
|  |  |   |
|  | State  |   |
|  | State  |   |
| *SECTION 3 If no objections are filed or found by the tice and plat by the department of mines, to said proposed location  | Department of mines, within said period of   | ten days from the receipt   |

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

### THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

| PROPOSED WORK ORDER   | TO X DRILL  | DEFDEN  | ED A CYPLIDE CONTRACTOR A   |  |  |
|---|---|---|---|--|--|
| DRILLING CONTRACTOR:  | (If Known)  |   |   |  |  |
|   |   | RESPONSIBLE AGENT: # 3101-State of WV NAME Richard W. Lee Mine Supt. P.E.E.M.                       |   |  |  |
|   |   |   | rida Ave., Chester WV   |  |  |
|   |   |   | -387-1160   |  |  |
| ESTIMATED DEPTH OF CO   |   | ROTARY X CABLE TOOLS  |   |  |  |
|   | ORMATION: Oriskany  |   |   |  |  |
|   |   |   |   |  |  |
| TITE OF WELL: U   |   |   | GE DISPOSAL   |  |  |
| •   | RECYCLII  | NG WATER F  | LOODOTHER   |  |  |
| TENTATIVE CASING PROGE  |   |   |   |  |  |
| CASING AND TUBING<br>SIZE   | USED FOR  | LEFT IN   | CEMENT FILL UP  |  |  |
| 20 - 16   | DRILLING 30' then pulled  | WELL  | OR SACKS - CUBIC FT.  |  |  |
| 11 3/4 250' *   | do enen purred  | 250'  |   |  |  |
| 9 - 5/8   |   | 230   |   |  |  |
| 8 - 5/8 1.000' **   |   | 1,000'  |   |  |  |
| 7   |   | 1,000   |   |  |  |
| 5 ½   |   |   |   |  |  |
| 4 ½ 5,000'  |   | 5,000'  |   |  |  |
| 5 0001  |   |   | Perf. Top   |  |  |
| 2 5,000'  |   | 5,000'  | Perf. Bottom  |  |  |
| Liners  |   |   | Perf. Top   |  |  |
|   |   |   | Perf. Bottom  |  |  |
| SUBMIT FIVE (5) COPIE WELLS DRILLED PRIOF MUST ALSO BE SUBMIT OFRACTURE - STIMULATE OIL AND/OR GAS WELL BOND, PERMANENT PLA OIL AND/OR GAS WELL ING ORIGINAL PERMIT | RILL: S OF OG - 1, SHOWING ORIGINATED.  ORIGINALLY DRILLED BEFOR AT AND ORIGINAL WELL RECOUNTY ORIGINAL ON AN NUMBER, AND PERFORMANCE I | NAL PERMIT NUMBER A PY OF THE PLAT AND  E JUNE 5, 1929, FIVE (5  ORD.  D/OR AFTER JUNE 5, 19  BOND. | BOND AND PERMANENT COPY  AND PERFORMANCE BOND. ON  THE ORIGINAL WELL RECORD  O) COPIES OG - 1, PERFORMANCE  929, FIVE COPIES OG - 1, SHOW-  e. Inspector to be notified twenty- |  |  |
| VAIVER: I the undersigned, A this lease have exam   | t be completed by the coal operagent for  | ator if the permit is to be Coal Company, Own os this proposed well located to said                 | e issued within ten days of receipt er or Operator of the coal under ation.  well being drilled at this location, 17, Chapter 22 of the West Virginia                           |  |  |
| Code.   |   |   | For Coal Company  |  |  |

Otficial Title





### Oil and Gas Division

OIL & GAS DIVISION DEPT. OF MINES

### OIL AND GAS WELL PERMIT APPLICATION

| dwilling   | O47Addres — Farm — Locatio — Well N District                  | Har:                             | lobe<br>). Bo<br>cy F.                               | Refr   | 26, 19   |   |  |
|--|---|----------------------------------|--|--|--|---|--|
| Address R. D. #2. New Cumberland. WV 26  Mineral Owner Same  Same  Cool Owner Same  Cool Operator Same  Address  PERMIT MUST BE POSTED AT THE WELL SITE  rovisions being in accordance with Chapter 22,  W. Va. Code, the location is hereby approved  | O47Addres — Farm — Locatio — Well N District                  | P.( Har:                         | ). Bo  |  | actor  | 4   |  |
| Mineral Owner Same  Same  Cool Owner Same  Cool Operator Same  Cool Operator Same  PERMIT MUST BE POSTED AT THE WELL SITE  rovisions being in accordance with Chapter 22, as W. Va. Code, the location is hereby approved  | - Parm  Locatio  Well N  District                             | Harr<br>m (wate                  | cy F.  | T  |  |   |  |
| Same  Coal Owner Same  Address  Coal Operator Same  Address  PERMIT MUST BE POSTED AT THE WELL SITE  rovisions being in accordance with Chapter 22, as W. Va. Code, the location is hereby approved  | Location Well N   | o                                |  |  |  |   |  |
| Coal Owner Same  Address Same  Coal Operator Same  Address  PERMIT MUST BE POSTED AT THE WELL SITE  rovisions being in accordance with Chapter 22,  B. W. Va. Code, the location is hereby approved  | Well N<br>District  | o                                |  | Nic  | hol  | Acres   | 131  |
| Address  Coal Operator Samo  Address  PERMIT MUST BE POSTED AT THE WELL SITE  rovisions being in accordance with Chapter 22,  By W. Va. Code, the location is hereby approved  | District  | ·                                |  | <del></del>  |  |   |  |
| PERMIT MUST BE POSTED AT THE WELL SITE rovisions being in accordance with Chapter 22, as W. Va. Code, the location is hereby approved  |   |                                  | <u> 4</u>  |  |  | . Elevat  | on 940   |
| PERMIT MUST BE POSTED AT THE WELL SITE rovisions being in accordance with Chapter 22, as W. Va. Code, the location is hereby approved  | Quadra  |                                  | Clay   |  |  | _Count  | Han  |
| rovisions being in accordance with Chapter 22,  e W. Va. Code, the location is hereby approved   |   | ngle                             | Cast   | Live   | rpool  | Sout  | :h   |
| rovisions being in accordance with Chapter 22,  e W. Va. Code, the location is hereby approved   |   |                                  |  |  |  |   |  |
| e W. Va. Code, the location is hereby approved   |   |                                  |  |  |  |   |  |
| drilling   | Nebrano   |                                  |  |  |  |   |  |
| This parmit shall against 1  | inspectoi<br>To be no:  |                                  |  | Phi  | llip '   | Trags   | ,  |
| nions have not commenced by 6-6-81   |   |                                  | ************   | 4 111  | Ŧ Ŧ Ŧ ħ ·  | ilacy   |  |
| I Murgey   | address .   | Mi                               | ldleb  | urn,   | West   | Vire  | inia   |
| puty Director - Division   | PHONE3  | 04-7                             | 8-45   | 73   |  |   |  |
| GENTLEMEN:   |   |                                  |  | -  |  |   |  |
| The undersigned well operator is entitled to drill upon the  | _   |                                  |  |  |  |   |  |
| NEW WELLDRILL DEEPER   | REFORE  |                                  | 5, 1969  | ),   |  |   |  |
| The enclosed plat was prepared by a registered engineer of have been notified as of the above date.  The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or for Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown managing addition. Fellows  | or licensed<br>notified the<br>iled with the                  | nt any o<br>ne Depar<br>maila or | bjection<br>tment d<br>delivere                      | they to the  | wish to n<br>within<br>he above s                | nake, or<br>ten (10<br>named c                        | /or opera<br>: are requ<br>) days. •                       |
| The enclosed plat was prepared by a registered engineer of have been notified as of the above date.  The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or for Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address Fell same day with the mailing or delivery of this copy to the Dep   | notified the led with the registered by 25,                   | nt any one Departmail or 1980    | bjection<br>tment d<br>delivere                      | they to the  | wish to n<br>within<br>he above s                | nake, or<br>ten (10<br>named c                        | /or opera<br>: are requ<br>) days. •                       |
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| The enclosed plat was prepared by a registered engineer of have been notified as of the above date.  The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or for Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address Fell same day with the mailing or delivery of this copy to the Dept.  PLEASE SUBMIT COPIES OF ALL GROPHYSICAL LOGS DIRECTLY TO:  | notified the led with the registered by 25,                   | mail 8° 1980 Mines               | bjection<br>tment of<br>delivered<br>day<br>it Charl | of Mine of to the Of   | wish to ne within the above of West Virg         | make, or<br>ten (10<br>named c<br>. before,<br>ginia. | or opera<br>are requ<br>days. •<br>cost opera<br>or on     |
| The enclosed plat was prepared by a registered engineer of have been notified as of the above date.  The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or for Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address Fell same day with the mailing or delivery of this copy to the Depth PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND   | notified the registered 25 partment of Very truly             | mail 8° 1980 Mines               | bjection<br>tment of<br>delivered<br>day<br>it Charl | they to fine or or leston,   | wish to no within the above of West Virginactor  | make, or<br>ten (10<br>named c<br>. before,<br>ginia. | or opera<br>are requ<br>days. •<br>cost opera<br>or on     |
| The enclosed plat was prepared by a registered engineer of have been notified as of the above date.  The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or for Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address Felloseme day with the mailing or delivery of this copy to the Department of the Copy to | notified the registered 25 partment of Very truly             | mail 8° 1980 Mines               | bjection<br>tment of<br>delivered<br>day<br>it Charl | they to Mine ed to the Or leston, Section Ref.   | wish to no within the above of West Virginactor  | make, or<br>ten (10<br>named c<br>. before,<br>ginia. | or opera<br>are requ<br>days. •<br>cost opera<br>or on     |
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| The enclosed plat was prepared by a registered engineer of have been notified as of the above date.  The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or for Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address Felloseme day with the mailing or delivery of this copy to the Department of the Copy to the Copy to the Department of the Copy to | notified the registered 25, partment of Very truly (Sign Name | mail 8r 1980 Mines               | delivered day _ at Charles lobe                      | they to fine the or leston, 'Section's Street  | wish to no within the above of wast Virg         | make, or<br>ten (10<br>named c<br>. before,<br>ginia. | or operation of one on |

# THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

| PROPOSED WORK ORDER                          | TO X DRILL   |   |  |  |  |
|--|--|---|--|--|--|
| DRILLING CONTRACTOR:                         | -  |   | NT:#3101-State of WV   |  |  |
| ADDRESS                                      |  |   |  |  |  |
|  |  |   | Florida Ave., Chester  |  |  |
|  |  |   | -387-1160  |  |  |
|  | APLETED WELL:  |   | CABLE TOOLS  |  |  |
| PROPOSED GEOLOGICAL FORMATION:               |  |   |  |  |  |
| TYPE OF WELL: OI                             | LGAS_X   | COMB STORA  | AGEDISPOSAL  |  |  |
| TENTATIVE CASING PROGR                       | RECYCL   |   | FLOODOTHER   |  |  |
| CASING AND TUBING<br>SIZE                    | USED FOR<br>DRILLING   | LITT IN<br>WELL   | CEMENT LITE UP<br>OR SACKS - CUBIC ET.   |  |  |
| 20 · 16<br>11 3/4 250 ' *                    | 30' then pulled  | 250'  | To surface   |  |  |
| 9 · 5/N                                      |  | 250   | 10 surface   |  |  |
| 8 - 5/8 1,000 ' **                           |  | 1,000'  | To surface   |  |  |
| 5 % 5,000 '                                  |  | 5,000'  | to regules of rule 15  |  |  |
| 3<br>2 5,000'                                |  | 5,000   | Perf. Fop<br>Perf. Bottom  |  |  |
| Liners                                       |  |   | Perf. Cop  |  |  |
|  |  |   | Perf Bottom  |  |  |
| MUST ALSO BE SUBMIT                          | S OF OG - 1, SHOWING ORIG<br>. TO 1929, A PERMANENT C<br>TED.                                  | INAL PERMIT NUMBER<br>COPY OF THE PLAT AN                 | AND PERFORMANCE BOND. ON<br>D THE ORIGINAL WELL RECORD   |  |  |
| OIL AND/OR GAS WELL<br>ING ORIGINAL PERMIT N | ORIGINALLY DRILLED BEFORT AND ORIGINAL WELL RE ORIGINALLY DRILLED ON A IUMBER, AND PERFORMANCE | CORD.<br>.ND/OR AFTER JUNE 5, 1<br>E BOND.                | 5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty- |  |  |
| or to protect noter thru berea s             | earby domestic wate  | r   |  |  |  |
| The following waiver must<br>nereof.         | be completed by the coal op  | erator if the permit is to I                              | be issued within ten days of receipt   |  |  |
| AIVER: I the undersigned, A                  | gest of  | Coal Com y, Ow  | ner or Operator of the coal under  |  |  |
| this lease have exam                         | in d place on our mine m   | aps this propose well lo                                  | cation.  |  |  |
| We theproviding operator ha                  | Coal Company   | have no objection to said<br>ulations in Article 4, 5, an | well being drilled at this location, ad 7, Chapter 22 of the West Virginia                         |  |  |
|  |  | No. 1   | For Coal Company   |  |  |
|  |  |   | Otticial Title   |  |  |
|  |  |   | Otticial fulc  |  |  |