

STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES OIL AND GAS DIVISION

#### NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

| To THE DEPARTMENT OF MINES,<br>Charleston, W. Va.  |   |   |
|--|---|---|
| Guyan Oil Company COAL OPERATOR OR COAL OWNER  | Owens, Libbey-Owens Gas Depa  | rtment  |
| P. O. Box 179, Huntington, W. Va.  | P. O. Box 4158, Charleston 4  | . W. Va.  |
| Coal not operated  | February 23,  | 19 56   |
| COAL OPERATOR OR COAL OWNER  | PROPOSED LOCATION   |   |
|  | Stonewall   | District  |
| ADDRESS  |   | District  |
| Guyan Oil Company  | Wayne   | County  |
| OWNER OF MINERAL RIGHTS  | Well No. 10 (Serial No. 967)  | 38015   |
| ADDRESS  | Guyan Oil Company   | 77  |
| GENTLEMEN:   | day day of the somperity  | Farm  |
| The undersigned well operator is entitled to d   | rill upon the above named farm or tract   | of land for   |
| oil and gas, having fee title thereto, (or as the case   |   |   |
| September 1, 1924, madel   |   | to  |
| Do off C Property  | and recorded on the   | THE RESERVE TO THE OWNER OF THE PARTY.  |
| of March, 1929 , in  | the office of the County Clark for said   | . Cameta in   |
| Book 13 , page 33 .  | r and omice of the County Clerk for said  | County in   |
| The enclosed plat was prepared by a competent to be drilled for oil and gas by the undersigned well of and County above named, determined by survey and land marks.  The undersigned well operator is informed and of coal beneath said farm or tract of land on which sairies of the same, who have mapped their workings aries of the same, who have mapped their workings are coal operators or coal owners (if pres) there were the coal operators or coal owners (if pres) there were the coal operators or coal owners (if pres) there were the coal operators or coal owners (if pres) the coal operator is a coal of the coal operator of the c | perator on the farm and in the Magister<br>courses and distances from two permanen<br>believes there are no coal operators ope<br>aid well is located, or within 500 feet of<br>and filed their mans as required by law or  | rial District<br>at points, or<br>erating beds  |
| The above named coal operators or coal owners (if any) above named as The above named coal operators or coal owners (if desire to make to such proposed location, or which they the drilling of a well at said proposed location will cause coal mines, must be received by, or filed with the Depart a copy of this notice and accompanying plat by said Depart a that forms for use in making such objections will be in on request and that all such objections must set forth as grounds on which such objections are based and indicate the moved to overcome same.   | if any) are notified that any objections y are required to make by Section 3 of some a dangerous condition in or about their ment of Mines within ten* days from the department. Said coal operators are further than the definitely as is reasonably possible than a definitely as is reasonably possible than | s they may<br>aid Code, if<br>ir respective<br>e receipt of<br>her notified<br>hes promptly |
| (The next paragraph is to be completed only  |   |   |
| Copies of this notice and the enclosed plat were   |   |   |
| named coal operators or coal owners at their above slaws on the same day with the mailing or delivery of West Virginia.  | this copy to the Department of Mines at   | Charleston,   |
| Very tr  | ruly yours,   |   |
| 020212223242322  | Owens, Libbey-Owens Gas Depar   | tment   |
| FEB 1956 Address   | P. O. Box 1158  |   |
| RECEIVED of  | STREET  |   |
| WEST VIRGINIA Well Operator  | Charleston 4,   |   |
| RECEIVED  WEST VIRGINIA  DEPT. OF MINES  Address  of  Well Operator  | West Virginia   | 2/02/2024   |
| COLOGNOS S   | STATE   |   |
| *Section 3 If no such objections be filed or be f<br>ten days from the receipt of said notice and plat by the den  |   | id period of  |
| ten days from the receipt of said notice and plat by the depi<br>ment shall forthwith issue to the well operator a drilling pe<br>have been made by the coal operators to the location, or i<br>approved and the well operator authorized to proceed to dr   | ermit reciting the filing of such plat, that n  | the depart-   |

WAY-1000

PERMIT NUMBER



DIATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS DIVISION

### NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

|  | Charleston, W. Va.   |
|--|--|
|  | .bw (modified)   |
| Owens, Libbey-Owens Gas Department   | Guyan Oil Company  |
| NOTAMING INSW NO BURN  | COAL OPERATOR OB COAL OWNER  |
| P. O. Box 1158, Charleston h, W. Va.   | P. O. Hox 179, Huntington, W. Va.  |
| CORPLETE ASSESS  | ADBRESS  |
| Webruary 23, 19 56   | Coal not operated  |
| PROPOSED LOCATION  | COAL OPERATOR OF COAL OWNER  |
| Stonewall  |  |
| District   | RESERVO  |
| envel County   | Guyan Oil Company  |
| Sounty 3801  | CUYER OIL CORREST WHERE WIGHTS   |
| Well No 10 (Serial No. 967) 82°28  |  |
|  | essaga   |
| Guyan Oil Company Parm   |  |
|  | GRATELEMEN:  |
| to drill upon the above named farm or mace of land for   | The understoned well operator is entitled  |
|  | oil and gas, having fee title thereto, (or as the  |
| THE CONTRACT OF THE STATE OF TH | September 1, 192b  |
|  | Basil S. Burgoss   |
| and recorded on the 6th day  |  |
|  |  |
|  | Book 13 page 33  |
| setent engineer and shows the proposed location of a well well operator on the farm and m the Magisternal District and courses and distances from two permanent points, or   |  |
|  | aries of the same, who have mapped their work cost operators or cost owners (if any) showe man   |
| ners (if any) are notified that any objections they may in they are required to make by Section 3 of said Code if a cause a dangerous condition in or about their respective. Department of Mines within ten days from the recept of and Department, but coal operators are further notified it be furnished to them by the Department of Mines promptly if the furnished to them by the Department of Mines promptly with as definitely as is reasonably possible the ground or the direction and distance the proposed location should   | The above named coal operators or coal own desire to make to such proposed location, or which the drilling of a well at eath proposed location with the coal numes must be received by, or filed with the tactory of this notice and accompanying plat by that forms for use in making such objections will on request and that all such objections until set to |
| only in Department's convet  | (The next paragraph is to be completed   |
| were rentled by registered rank, or delivered to the above   |  |
| ove shown emperitive address the state of Mines at Charleston, y of this copy to the Department of Mines at Charleston,  | named cold operators or coal owners at their als   |
| 'ery truly yours,  |  |
| Owens, Libbey-Owens Gas Department   |  |
| 9 HOUNTEDART SED SUDMO_ASOCRET CONTAINO  |  |
| P. O. Pox his8   |  |
| TREATE COLD ACC . V . T  |  |
| Charleston by  | to GHALZONA CH   |
| nwor no voo  | 02/02/2024   |
| SYATE  |  |
|  |  |

\*Section 3 . . If we sten objections he filed or be found by the separtment of whose within said period of an days from the receipt of said notice and plat by the department of what, to said proposed location the department shall forth with assaults the well operator a drilling be not recting the first of said plat, that no objections have been made by the real operators to the decrease, or found thereto by the department, and that the same is approved and the well operator sutherized to proceed to drift at said location.

PERMIT NIMBER

INCOMES AND THE REST OF

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P.O. BOX 4158

CHARLESTON 4, WEST VIRGINIA

February 23, 1956

State of West Virginia
Department of Mines
Oil & Gas Division
Charleston, West Virginia

Gentlemen:

We are submitting an application for permit to drill Well No. 10, Serial No. 967, on our Guyan Oil Company leasehold, situated in Stonewall District, Wayne County, West Virginia.

Attached to the application is a plat showing the proposed location of said well.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

T. S. Flournoy Chief Engineer

TSF/hjl Enclosures

cc: Guyan Oil Company-w/enc.



## OWENS, LIBBEY-OWENS GAS DEPARTMENT

STAR MACCORREE AVENUE

CHARLESTON 4. WEST VIRGINIA

<0010b

February 23, 1956

State of West Virginia Courtent of Mines Oil & Gas Hivision Charleston, West Virginia

: TOMO DIES

We are submitting an application for permit to drill well wo. 10. Serial No. 967, on our Guyan Wil Jones y leasehold, strated in Stoucewall Listrict, wayne County, West Virginia.

Attached to the application is a plat showing the pro-

Very that yours.

OWERS, LIEBERY-OFFICE CAS DEPARTMENT

T. S. Flournoy Chief Engineer

> Sar/hjl Enclosures

oc: Gtyan Vil Dompeny-w/enc.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

JULIUS C. OLZER
CHIEF
CHIEF
CHIEF
CHIEF

March 5, 1956

Owens, Libbey-Owens Cas Department P. C. Box 4158 Charleston, West Virginia

Gentlemen:

Enclosed are permits for the drilling of the following wells:

| Permit No.   | Well No.  | Farm   | District   |
|--|---|--|--|
| Lin-1201<br>Log-527<br>Log-528<br>Way-1000<br>Way-1001<br>Way-1002<br>Way-1003<br>Way-1004<br>Way-1005<br>Way-1006<br>Way-1007 | 3-5r-974<br>6-5r-976<br>7-8r-977<br>10-5r-967<br>2-5r-978<br>1-8r-986<br>42-5r-982<br>43-5r-983<br>44-5r-985<br>46-5r-989 | Cambridge Gas Co. T. H. Harvey T. Warvey T. Warvey Guyan Cil Co. B. J. Frichard Tele Booth Hoard-Baldwin Hoard-Baldwin Hoard-Baldwin Hoard-Baldwin Hoard-Baldwin | Washington Chapmansville Chapmansville Stonewall Stonewall Union Stonewall Stonewall Stonewall Stonewall Stonewall |
|  |   |  |  |

Very truly yours,

Administrative Assistant OIL AND GAS DIVISION

CNH: K Encl-11

CC: Inspectors Dana E. Lawson C. C. Allen



# STATE OF WEST VIRGINIA DEPARTMENT OF MINES CHARLESTON

March 5, 1986

JULIUS C. OLZER CHIEF CHIEF

Owens, Libber-Owens was Department F. V. Sex 1158 Oberlanten, West Virginia

contlorent

salles refer to the drilling of the following sale become

| District  | Ferm  | .ow Libit  | est dinner  |
|---|---|--|---|
| #smington Chapanasville Chapanasville Stonevall Bidnessil Stonevall Stonevall Stonevall Stonevall Stonevall Stonevall | Canbri Pe Car Co.  T. Carrey  T. | 3-21-970<br>7-01-977<br>10-1-967<br>10-1-967<br>1-01-980<br>13-21-980<br>13-21-980<br>15-21-981<br>15-21-981<br>15-21-985<br>15-21-985 | 14.0-12.7<br>106-22.7<br>106-22.5<br>1889-1001<br>1889-1002<br>189-1003<br>189-1005<br>189-1005<br>189-1005 |

Vory touly yours,

Addina will asking and the contract of the con

Athab :

CO: Inspectors Cana A. Lawsen

Hard or Soft Oil, Gas or Water Depth Found Formation Color Bottom Remarks Top 10 Salt Sand White Med. 1096 1152 Soft Slate Blue 1152 1189 Red Rock Red Soft 1189 1197 Slate Blue Soft 1197 1216 Hole caving Little Lime Grey Hard 1216 1246 Little Lime White Hard 1246 1253 SIM 1253 = Sand LM 1256 Big Lime White Hard 1253 1286 Big Lime Yellow Hard 1286 1329 Big Lime White Hard 1329 1430 Gas 1365. 4.4 MCF Test 1400 245 cu. ft. Dried up hole to test for water & oil. None found in 24 hours. Lime Dark Hard 1430 1438 1456 Red Rock Red Hard 1438 1460 1456 Grey Injun Grey Hard Grey Injun Sl. Break Med. 1460 1495 Grey White Soft 1495 1496 SLM 1496 = Sand LM 1495 Soft 1496 Slate Grey 1498 Soft 1498 1537 Grey Injun Gas 1503 16.2 MCF Grey Gas 1512 25.6 38.3 Gas 1522 Test 1530 Test 1554 35.9 1537 1554 Slate Blue Soft 31.3 Shut down at 1554 to test for water. Found 4 qts. after 24 hour test. Test 1554 23.7 Sand, Bro. Grey Med. 1554 1565 Test 1554 24.5 Lime Shells 1565 1568 Gas increase 1558 - 1568 Blue Med. Gas 1558 26.8 26.8 Test 1565 28. Gas 1568 Blue Soft 1568 1575 Test 1609 26.3 Shells Gas 1619 Soft 1575 1726 27.3 Slate Blue 27. Test 1648 Test 1678 27. SLM 1678 = \$and LM 1674 Test 1698 24.8 Gas 1707 25.9 Test 1729 25.8 Lime Shell Blue Hard 1726 1729 " 1747 25.9 1882 Blue Soft 1729 Slate 24.8 1754 Gas 1774 26.6 25.9 Test 1781 1819 25.2 Gas 1882 27. 1882 Sl. & Shls. Blue 1931 Med. Test 1954 " 1996 Sl. & Shls. Sl. & Shls. 1969 23.7 Blue Hard 1931 Blue Med. 1969 1996 22.2 SLM 1996 = \$and LM 1989 Soft 1996 2026 Test 1996 23.7 Slate Blue 2036 Water test at 1996', 3 gal. Soft 2026 Br. Shale Brown -Test 2036 23.7 Berea Sand Hard 2036 2137 Grey 2145' top of gas pay 48.9 Gas 2150 Test 2160 45.7 1 2200 46.3 2223 2137 2223 45.7 Med. Br. Shale Brown SLM 2223 = \$and LM 2219 2 gal. water in hole when started up after week-end 2223 White Med. 2420 Test 2243 43 Sl. & Shls Gas-? 2289 لمله 21,26 Med. 2420 Brown Shale Brown 2426 2450 Test 2449 40.7 Sl. & Shls. White Med. Dark Shells Brown Med. 2450 2535 2541 Med. 2535 Shells Blue 02/02/2024

Date November 7, 19 56

APPROVED OWENS, LIBBEY-OWENS GAS DEPT., Owner

By

By\_\_\_\_\_A. H. Smith (Title) Geologist

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STATE OF WEST VIRGINIA

OIL AND GAS DIVISION / DEPARTMENT OF MINES

#### MELL RECORD

May-1000 02/02/202<mark>/</mark>виварвид

| 20.5<br>22.5<br>22.5<br>22.5<br>26.6<br>26.8<br>26.3<br>26.3<br>27.3<br>27.3 | - 6551 30<br>1                      | est instantial instant | 28T<br>28T<br>27T<br>28T<br>08T<br>99<br>T9<br>T5<br>57 | 28T<br>24T<br>26T<br>0 <u>8</u> T<br>99<br>19<br>19<br>15<br>57<br>02<br>0 | Soft<br>bard<br>flos<br>flos<br>flos<br>flos<br>flos<br>flos<br>flos<br>flos   | MPITE<br>BINE<br>BINE<br>GLEN<br>BINE<br>GLEN<br>BINE<br>GLEN<br>BINE<br>GLEN | Clay<br>Sand<br>Slate<br>Slate<br>Shells<br>Slate<br>Slate<br>Sand<br>Sand |
|--|-------------------------------------|--|---|--|--|---|--|
| Remarks  | Pepth                               | Oil, Gas<br>or Water   | Bottom  | qoT  | To braH<br>Soft  | Color   | Formation  |
| No. Ft. Date   | Sµµ TA                              | COUNTERED  | COVE MAS EN   | M Cu. Ft. 24 hrs. Lbbls., lst 24 hrs. feet                                 | F Shale 39   | Vioths Merc.<br>Injun 25 MC<br>225<br>225                                     | Volume Oil   |
| Perf. bottom. Perf. top.   | e su onse                           | 2661 #<br>2661 #   | S Liners Used   | S998   | T TSTS of the state of the stat | 10ths Water   | Drilling complete  Date Shot 10-2  With 8,200#                             |
| Size of 3 x 7 x 16  Depth set  2053-2057                                     | 127114<br>1271144<br>1811144<br>130 | 75771711<br>7871711<br>730   | 8/5 %8<br>8/5 %8<br>8/5 %8                              | ngton, W. Va.  | Address<br>OLÍO Asym   | owned by  | The surface of tr<br>Mineral rights an<br>P. O. Box<br>Drilling commend    |
| Kind of Packer   | ereadd<br>2 ff dose<br>8 MG BW 5    | COCC W   | Size 81   | Acres 947  |  | .oN Laired  | Location (waters   |
| Раскетя  | Left in<br>Well                     | Used in<br>Drilling  | Casing and Tubing                                       |  | OMENS GAS DE   |   |  |

T60T

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**68L** 

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Gas 817, show Water 840, filled 100' in hole

DEPT. OF MINES

MEST VIRGINIA

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Water, 310' at 350'

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| Formation                          | Color                                      | Hard or<br>Soft | Тор               | Bottom           | Oil, Gas<br>or Water   | Depth Found   | Remarks                                     |
|------------------------------------|--|-----------------|-------------------|------------------|--|---|---|
|                                    |  |                 |                   |                  |  |   |   |
|                                    |  |                 |                   |                  |  |   |   |
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|                                    |  |                 |                   |                  | Angle to a grant of the second | 108; O  | 01.<br>01.<br>CL                            |
|                                    |  |                 | •                 |                  | 7 Hwell 9  | Syl.  | r sec from                                  |
|                                    |  |                 | and the second    | 19. option       | 10-21-56 /6  | 3- norma  | et 2057" Wild                               |
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|                                    |  | , ქასოე დ       | Dep 1             | \$297            | 10-23-56 40<br>21.7 to   | c with 3200   | necoure tro                                 |
| u shalle<br>hite blace             | erecan<br>polytical                        | yeu.            | 2913<br>2960      | 5365<br>5365     | 33W 2997 + 1   | and by 2993   | 3013  |
| a shalls                           | brown<br>from                              | 16g*            | - 8478<br>5680    | 5.493            |  |   |   |
| perk spells<br>Slate<br>roem Sasla | etomi<br>Ulsa<br>Prior                     | Neda<br>Solt    | 5967 46 T         | 2027 -<br>2027 - | #885 2010  |   | 37.5 207                                    |
| Continued in                       | om previo                                  | e hesc:         | The second second |                  |  |   |   |
| LOGEOFOR                           | THORE (C. )                                | Hardon<br>Soft  | 1,00              | 1901tou          | CALL OF  | 336 (Sh   | SCHOOL SE                                   |
| essh water                         |  | Text.           | feet.             | The Table        | T TELEVISION   | 23 Thek   | r mann                                      |
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| dineral rights an                  |  |                 | ****              | 8 K              |  | 100   |   |
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| Nether Charles                     | emij je je •                               |                 | Bloy              | To Spile         |  | K.  |   |
| Address F.                         | . For Lis                                  | . Charlesto     | Acres             |                  | Diffing  | LAST IN<br>West   | Nachora ,                                   |
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| Cermin Mu                          | 9 - T000 - " ·                             |                 | METT              |                  |  | 02/   | 02/2024                                     |

|          | Date                    | November     | 7,    | •          | 19 56   |
|----------|-------------------------|--------------|-------|------------|---------|
| APPROVED | OWENS,                  | LIBBEY-OWENS | GAS I | DEPARTMENT | , Owner |
| В        | y <i>Q</i> <sub>e</sub> | JY . Fruit   | itle) | Geologis   | t.      |



(KIND)

Oil or Gas Well

| METT BECORD                                    | Permit No. Way-1000  |
|--|----------------------|
| OIL AND GAS DIVISION /                         | Quadrangi 202/202/20 |
| STATE OF WEST VIRGINIA  STATE OF WEST VIRGINIA |                      |

|  | sklasti s                               | (101) (101)          | (aon)                                      | 0)           | ne brafil       | walk(X   | Fortage 6           |
|--|---|----------------------|--|--------------|-----------------|--|---------------------|
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|  | .172                                    | 5053 to 20           |  |              | •               |  |                     |
| mori tes rea   | OKWALL Pack                             | "OHWELL" HO          |  |              |                 |  |                     |
| dat 2057' with   | gaidut "se h                            | 10-24-56 Rai         |  |              |                 |  |                     |
| ** (***  |   | (2)                  |  |              |                 |  |                     |
| M 5°99   | 1                                       | TO Hrs. "            |  |              |                 |  |                     |
| M 67<br>M 318  | 1                                       | T Hr.                |  |              |                 |  |                     |
| W 759  |   | A .nim &I            |  |              |                 |  |                     |
| M 7.05   |   | Test before          |  |              |                 |  |                     |
|  |   | ST31 to              |  |              | ,               |  |                     |
| Detonite from  | t with 8200                             | TO-53-56 Sh          |  |              |                 |  |                     |
|  |   |                      | 2662                                       | ффф          | Total D         |  |                     |
|  |   | 1//2 1770            | 1//-                                       | 00/7         | *****           | ORTIVA   | AARTO AATII         |
|  | 1995 M.I. bnes                          | S = 1662 MIS         | 2662                                       | 5973         | .beM<br>Med.    | Brown  | alled " Shells otid |
| £38£   |   | 11 2960              | 2962                                       | 5779         | Med.            | Brown  | alsale "            |
|  |   | 40                   | 5775                                       | 5696         | Med.            | Brown  | sTTeys "            |
| 5.85   | 100000000000000000000000000000000000000 | 11 5696              | 5698                                       | 5997         | Hard            | Brown  | Srown Shale         |
| 37.5 MCF   |   | Test 2640            | 5997                                       | 2627         | tlos            | Grey   | late                |
|  |   |                      | 2627                                       | SZPI         | Med.            | BJack  | Osrk Shells         |
|  |   |                      |  |              |                 |  |                     |
|  |   |                      |  |              | is dage:        | om previou   | il beunitnoc        |
| Кетатка  | Found                                   | Oil, Gas<br>or Water | Bottom                                     | qoT          | 10 bisH<br>310S | Color  | ТоглянтоТ           |
|  |   |                      |  |              |                 |  |                     |
| ET INCHES  | ES FE                                   | ET_INCH              | 134  | 1991         | feet            |  | alt water           |
| ET INCHES  | EZ LE                                   | TE INCH              | FEI  | 1991         | feet            |  | resh water          |
| ELINCHES   | TA TA                                   | ЕИСОПИТЕВЕD          | COAL WAS                                   | .erd 24 hrs. |                 |  | liC                 |
| Semon  | <b>u</b> y                              | diddinitio           |  | hrs.         | lbs.            |  | cock Pressure       |
|  | 4                                       |                      |  | Cu. Ft.      |                 | are infor-   | \ojnme              |
| Ft. Date   | SIZE No.                                | IENTED S             | CYZING CEN                                 | Inch         | ui              | /10ths Merc.   |                     |
| Control of the sale  | •                                       |                      |  | Inch         | ui              | /10ths Water   | ben Flow            |
| erf. bottom  | ь                                       |                      |  |              |                 |  | Vith_               |
| qot .tre   | ь д                                     |                      | Liners Used                                | 0,           | L               | 101A   | oate Shot           |
| erf. bottom  |   |                      | 2  |              |                 |  | rilling completed   |
| erf. top   |   |                      | 8  |              | •               | pe   | onamence guilling   |
|  |   |                      | 91/89                                      |              | Address         |  |                     |
| ———— 126 плДа  |   |                      |  |              |                 |  | dineral rights are  |
| ebth set   | u                                       |                      | %9<br>************************************ |              | Address         |  |                     |
|  |   |                      | <b>%</b> 8                                 |              |                 |  | fhe surface of tra  |
| Jo 9z  | 18                                      |                      | 10   |              |                 |  | Jistrict            |
| A STATE OF THE STA |   |                      | 13   |              | County          |  |                     |
| ind of Packer  | K                                       |                      | 91   | Elev.        | (196            | erial No.  |                     |
| ,  |   |                      | əziS                                       |              |                 |  | (sation (waters)    |
|  |   |                      | 11   | Acres        |                 | Oil Co.  | garm Guyan          |
| GIANAS T   | Mell                                    | Drilling             | <b>Z</b> uiqn <b>T</b>                     | n h. W. Va.  | S, Charlesto    | · Box his  | Address P. O        |
| Раскетв  | Left in                                 | Used in              | bas gaiseo                                 |              | OMENS GVS I     | Market Street, and September 2015  |                     |
| The second second  |   |                      |  | moter        | T DAD DITERIO   | ASSECTATION OF THE PARTY OF THE | 1121                |

# DEPARTMENT OF MINES OIL AND GAS DIVISION

#### INSPECTOR'S WELL REPORT

| Permit No. 1/ay-1000,  | inta        |                     | Oil or               | Gas Well              |
|--|-------------|---------------------|----------------------|-----------------------|
| Company Devens, Lilbury Owns Jast  | CASING AND  | USED IN<br>DRILLING | LEFT IN<br>WELL      | PACKERS               |
| Address Charleston, My a   | Size        |                     |                      | Libra Waterway United |
| Farm Buy aw Oil Co.  | 16          |                     | Duybeat              | Kind of Packer        |
| (10 1. 217   | 13          | 122                 |                      |                       |
|  | 10          | 129                 |                      | Size of               |
| District Stonewall County Wayne  | 81/4        | 472                 |                      |                       |
| Drilling commenced Jug-8-56,   | 65/8        | 1272                |                      | Depth set             |
| Drilling completedTotal depth  | 5 3/16      |                     |                      |                       |
|  | 3           |                     |                      | Perf. top             |
| Date shotDepth of shot   | 2           |                     | Ponen de de la compa | Perf. bottom          |
| Initial open flow/10ths Water inInch   | Liners Used |                     |                      | Perf. top             |
| Open flow after tubing/10ths Merc. inInch  |             |                     |                      | Perf. bottom          |
| VolumeCu. Ft.  | CASING CEME | ENTED               | SIZE                 | No. FTDate            |
|  |             |                     |                      | 10:11:                |
| Rock pressure lbs. hrs.  |             |                     |                      |                       |
| Oilbbls., 1st 24 hrs.  | COAL WAS E  | NCOUNTERED          | AT                   | FEETINCHES            |
| Fresh waterfeetfeet  | FEET        | INCH                | ES                   | _FEETINCHES           |
| Salt waterfeetfeet   | FEET        | INCH                | ES                   | _FEETINCHES           |
| Drillers' Names Roy Yeagu  | - Lu        | , Hol               | ton                  | Remarks               |
| Drillers' Names College Canal Canal College Canal College Canal Ca | Hibin       | , Non. A            | )                    |                       |
| Remarks:   | 1           | Co-cc,              |                      |                       |
| Drilling at 1967   | - fut,      |                     |                      |                       |
| 6311123  | 456         |                     |                      |                       |
| Se sur la company de la compan | 6 6         |                     |                      |                       |
| OCT 195  | VED O       |                     | 0 1                  |                       |
| 9-26-56 RECEIVEST VIR  | GINIA 3     | 0                   | 1. Ole               | len                   |
| DATE WEST OF   | MINES       |                     |                      | DISTR 02/02/2024      |
| (C)00000   | 110/2       |                     |                      |                       |

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

#### INSPECTOR'S PLUGGING REPORT

| Permit No                               |             |                    |               |  |                    | Wel       | I No           |                           |  |  |
|---|-------------|--------------------|---------------|--|--------------------|-----------|----------------|---------------------------|--|--|
| COMPANY                                 | 18 M 18     | ies.               |               | ADD                                    | RESS               |           |                | Permit No                 |  |  |
| FARM                                    |             | A 788.4 8513       | DISTRIC       |  | COUNTY             |           |                |                           |  |  |
| Eilling Motorial                        | Hand        |                    |               |  |                    |           |                | Company Company           |  |  |
| Filling Material                        | Used        |                    |               |  |                    |           |                | Address                   |  |  |
| Liner                                   | Loca        | ation              | Amoun         | t                                      | Packer             | Location  |                |                           |  |  |
| PLU                                     | IGS USED AN | ND DEPTH PLACED    |               |  | BRIDGES            | CASIN     | G AND TU       | BING                      |  |  |
| CEMENT-THIC                             | KNESS       | WOOD-SIZE          | LEAD          | CONST                                  | RUCTION-LOCATION   | RECOVERED | SIZE           | LOST                      |  |  |
|   |             |                    |               | \$2.8                                  | Wan.               |           | Chillian San S |                           |  |  |
|   | Digati      |                    |               |  |                    |           | meneed_        | Orilling com              |  |  |
|   | Perf        |                    |               | 34.82                                  | Aligab 1816        |           | (w) all        | Maria Caract              |  |  |
| 1.2. H152101                            | 3-9         |                    |               |  | Jode Vo            | tigati    |                | inte shot                 |  |  |
| - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Ars La      |                    |               | lett graght                            | real near way      | P. 12.2   |                | Paros Libert              |  |  |
| meins                                   | tro'i       |                    |               | The engine desired to be or 1970 to be |                    |           |                |                           |  |  |
|   |             |                    |               |  | None and Story and |           |                | The state made of         |  |  |
| dec Tel                                 | .6V         |                    | 03773763      | 0.8000.40                              | 73,00              |           |                |                           |  |  |
|   |             |                    |               |  | <u> </u>           | self      |                |                           |  |  |
| Care Silvi                              | 10030       |                    | (             |  |                    |           |                | 1915                      |  |  |
|   |             |                    |               |  |                    |           |                |                           |  |  |
| Drillers' Names_                        | 1337        | 18911071           | rala          |  | 1040               | 3091      |                | Salt water <sub>est</sub> |  |  |
| Remarks:                                |             |                    |               |  |                    |           |                |                           |  |  |
|   |             |                    |               |  |                    |           |                |                           |  |  |
|   |             |                    |               |  |                    |           |                |                           |  |  |
|   |             |                    |               |  |                    |           |                |                           |  |  |
|   |             |                    |               |  |                    |           |                |                           |  |  |
|   |             |                    |               | 4                                      |                    |           |                |                           |  |  |
| DATE                                    |             | I hereby certify I | visited the a | bove well or                           | this date.         |           |                |                           |  |  |
|   |             |                    |               |  |                    |           |                |                           |  |  |

| -    |  |                        |   |                     | The same of the sa |                                  |  |  |
|------|--|------------------------|---|---------------------|--|----------------------------------|--|--|
| 1.0  | API well number:<br>(If not available, leave blank. 14 digits.)  |                        | 47099-1000                                    |                     |  |                                  |  |  |
| 2.0  | Type of determination being sought: (Use the codes found on the front of this form.)                                   |                        | 108 NA Section of NGPA Category Code          |                     |  |                                  |  |  |
| 3.0  | Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)                           |                        |   | NA                  | feet   |                                  |  |  |
| 4.0  | Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)  | Name<br>P.<br>Street   | P. O. Box 1473  Street  Charleston WV 25325   |                     |  |                                  |  |  |
| 5.0  | Location of this well: [Complete (a) or (b).]  (a) For onshore wells  (35 letters maximum for field name.)             | NA Field Na Way County |   |                     | WV<br>State  |                                  |  |  |
|      | (b) For OCS wells:   | NA<br>Area Nan         | NA Area Name  Date of Lease:  Mo. Day Yr. OCS |                     |  |                                  |  |  |
|      | (c) Name and identification number of this well: (35 letters and digits maximum.)                                      | G1                     | Guyan Oil 10-967                              |                     |  |                                  |  |  |
|      | (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  | NA NA                  |   |                     |  |                                  |  |  |
| 6.0  | (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | i                      | ddendum "A"<br>ille Indust                    | ries, Inc.          |  | N/Available Buyer Code           |  |  |
|      | (b) Date of the contract:  |                        |   | 1,2,2,6,<br>Mo. Day | 7 <sub>1</sub> 3 <sub>Yr.</sub>  | . ,                              |  |  |
|      | (c) Estimated annual production:   |                        |   |                     | 3.1 MMcf.  |                                  |  |  |
|      |  |                        | (a) Base Price<br>(\$/MMBTU)                  | (b) Tax             | (c) All Other Prices (Indicate (+) or (-).)  | (d) Total of (a),<br>(b) and (c) |  |  |
|      | Contract price: See Addendum "A" (As of filing date. Complete to 3 decimal places.)                                    |                        | 1.283   | 0 0 5 1             | 0.003  | 1 3 3 6                          |  |  |
|      | Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  |                        | 2.243   | 0.302               | 0.0  | 2.545                            |  |  |
| Date | Person responsible for this application:  Agency ,Use Only  Received by Juris. Agency  Received by FERC                | Signature              |   | 1660                | Division<br>Title<br>Author<br>304) 342-8166   | n Counsel                        |  |  |
|      |  | Date App               | _   |                     |  |                                  |  |  |

| ARTICIPANTS: DATE:   | E   |
|--|-----|
| WELL OPERATOR: Industrial Gas Corporation 009283   |     |
| FIRST PURCHASER: Houdaille Industries, Inc.  | -   |
| OTHER:   | -   |
|  |     |
| W. Va. Department of Mines, Oil & Gas Division Qualifier and Section 108, strugger well  WELL DETERMINATION FILE NUMBER  Grant Description |     |
| 790228.108-099-1000  |     |
| Use Above File Number on all Communications Relating to Determination of this Well   |     |
| CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING  |     |
|  |     |
| 1 FERC-121 / Items not completed - Line No.  | -   |
| 1 FERC-121 y Items not completed 2 IV-1 - Agent William C. Charlton  | -   |
| 3 IV-2 - Well Permit /   |     |
| 4 IV-6 - Well Plat   | _   |
| 5 IV-35- Well Record Drilling Deepening  |     |
| 6 IV-36- Gas-Oil Test: Gas Only Was Oil Produced? Ratio  |     |
| 7 IV-39- Annual Production 2 years   |     |
| 8 IV-40- 90 day Production 90 Days off Line:   |     |
| O JU-48- Application for Certification. Complete?  |     |
| 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete Signed  |     |
| 18 - 28 Other: Survey Logs Geological Charts Structure Map   |     |
| 1:4000 Map Well Tabulations Gas Analyses   |     |
| (5) Date condend 10-16-56 drilling Deepened  |     |
| Production Depth: 1703 -221/351-68, 16(M) 10/1-11-62, 2130/  |     |
| (5) Production Formation: Grey Frien Smeshells; sigle, Beren Sh.+ Shle,  |     |
| (5) Jeitial Forential: Injun-25 Met, Shale 31 MIT 10141 - 041  | M   |
| (5) Static R.P. mittelle: 225-# - 24 hrs   | -   |
| (6) Other Gas Test:  |     |
| (7) Avg. Daily Gas from Annual Production  | 99/ |
| (8) Avg. Daily Gas from 90-day ending w/1-120 days 4.4 7777  |     |
| (8) Line Pressure: PSIG from Daily Re  | po  |
| (5) Oil Production: From Completion Report 02/02/2024  | -   |
| (10-17) Does lease inventory indicate enhanced recovery being done: No   |     |
| (10-17) Is affidavit 'igned? Notarized?  | _   |
| Does official well rec. with the Department confirm the submitted information?   | )   |

Additional Information \_\_\_\_\_\_ Does computer program confirm?\_\_\_\_

Was Determination Obier et to? By Whom?

STATE OF WEST VIRGINIA

Date 02/28 . 1979

Operator's Well No. 10-967

API Well No. 47 - 099 - 1000

State County Permit

#### WELL CLASSIFICATION FORM

#### STRIPFER GAS WELL

NGPA Section 108

|  | DESIGNATED AGENT_ | William C. Char | lton        |
|--|-------------------|-----------------|-------------|
|  | ADDRESS           | P. O. Box 1473  |             |
|  |                   | Charleston, WV  | 25325       |
| WELL OPERATOR Industrial Gas Corporation | LOCATION: Elevati | on 854.56       |             |
| ADDRESS P. O. Box 1473                   | Watershed         | Not Available   |             |
| Charleston, WV 25325                     | Dist Stonewal k   | County_Wayne    | Quad. Wayne |
| GAS PURCHASER *                          | Gas Purchase Con  | atract No.*     |             |
| ADDRESS                                  | Meter Chart Code  | R0005           |             |
|  | Date of Contract  |                 |             |
|  | *See              | FERC-121 - Add  |             |

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

(See Attachment)

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

All records required to determine production by meter stations are maintained in Charleston, West Virginia.

B&O Tax Records are located in Charleston, West Virginia, our Boston, Massachusetts office and the Houston, Texas office.

Royalty payment instructions are located in Charleston, West Virginia office and Houston, Texas office.

FORM IV-56WC (Reverse) [12-78]

Describe the search made of any records listed above:

I have made a diligent search of the production records located in Charleston, West Virginia. They were the records utilized in making the determination herein.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes  $No_X$ . If yes, indicate the type and source of the information

#### AFFIDAVIT

I. Lawrence B. Mentzer , having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

STATE OF WEST VIRGINIA,

COUNTY OF Kanawha . TO WIT:

I. Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid. do certify that Lawrence B. Mentzer whose name is signed to the writing above, bearing date the 28 day of February . 19 79, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 28 day of February 1979. . 19<u>85</u> . My term of office expires on the 5th day of December

02/02/2024

[NOTARIAL SEAL]

1

Date February 28 , 1979 STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

10-967

Operator's Well No.

API Well No. 47 - 099 - 1000 Permit

| STATE APPLICATIO   | N FOR WELL CLASSIFICATION   | Previous File No. NA (IF applicable)   |
|--|---|--|
| WELL OPERATOR Industrial Gas Corporation   | on DESIGNATED AGENT Willi   | am C. Charlton   |
| ADDRESS P. O. Box 1473   | ADDRESS P. O. Box   | and the control of th |
| Charleston, W. Va. 25325   | Charleston  |  |
| Gas Purchase Contract No. *  | and Date  |  |
| Meter Chart Code R0005   | (Month, day and year)   | ,  |
| Name of First Purchaser *  |   |  |
| (Stree   | c or P. O. Box)   |  |
| (City)   | (State) (Zip (  | Code)  |
| FERC Seller Code 009283  | FERC Buyer Code   |  |
| TYPE OF DETERMINATION BEING SOUGHT:  |   |  |
| (1) Initial determination (See FERC Form (2) Determination that increased product recovery technology. (3) Determination of a seasonally affect  | ion is the result of enhanced   | Caregory Code  |
|  | William C. Charlton   | Division Counsel   |
| (*See FERC-121 Addendum "A")   | William l'6   | tarel  |
| •  | P. O. Box 1473  |  |
|  | Street or P. O. Box   |  |
|  | Charleston, W. Va.  |  |
|  | City State  | (Zip Code)   |
|  | (304 342-8166<br>Area Phone Number  |  |
| (Certificate of Proof of Service to Purchaser  | Code .  |  |
| See Separate Certificate Attached  |   |  |
|  |   |  |
|  |   |  |
| (All of the above to be completed by the Oper  | ator/Applicant)   |  |
| (To be completed by Jurisdictional Agency. E purchaser, if known).   | xecuted copy to be returned to  | Operator/Applicant and   |
| The Department of Mines has recwell as meeting the requirements of Section (NGPA): [] for for determination that increasunder Section 108 of (NGPA); [] or for determination of the section 108 of (NGPA); [] or for determination 108 of (NGPA); [] or for determ | ed production is the result of  | ol Gas Policy Act of 1978,<br>enhanced recovery technology   |
| All interested parties are hereby nother office of the Oil and Gas Division in Chabe heard, there will be a public hearing, if r   | otified that on the <u>day of</u><br>rleston, West Virginia, or as s<br>equested, or if objection is fi | . 19 , at oon thereafter as it may led.  |
| This Application is assigned File N  | o   |  |
| Initial review of information subminentitled to certification as claimed under the and any additional evidence will be made at the matter may be heard.  | e Natural Gas Policy Act (NGPA)   | . A review of this evidence  |
| Unless objections are timely filed days, a hearing will not be held except on ex go to determination   | or a request for a hearing is me parte motion of the department   | ade within fifteen (15) and the matter will  |
|  | WEST VIRGINIA DEPARTMENT O  | F MINES  |
| ***  | With many many  | 30 M.  |
| FEB 2 C 1979   | 110000  | Director   |
|  | Ву  | 00/00/00 4   |
| Date received by Jurisdictional Agency   | Title   | 02/02/2024   |

47-099-0005; 47-099-0057; 47-099-0060; 47-099-0245; 47-099-0255; 47-099-1000

REPORT NO. CCA101P1 PG 00002 CURRENT DATE - 2/28/79 REPORT DATE - 2/28/79 COTALS OTALS OAS OAS NA SHUT-IN PRESSURE SHUT-IN PRESSURE ANHUAL REPORT OF MONTHLY PRODUCTION-197A GAS VOLUMES IN MFC 2 14.73 OIL IN DARRELLS 2 60 DEGREES Industrial Gas Corporation 18 AVG. FLOW PRESSURE AVG. FLOW PRESSURE COUNTY! Wayne OPERATOR : 10 - 967Guyan Oil STATE OF WEST VIRGINIA
SENATTIENT - MINES
DIVISION - DIL AND GAS 47-099-010PARM 1 DAYS ONLINE CAS MFC OIL BBL 1V-39-WC CAS MFC OIL BBL

SUMMARIZATION SCHEDULE Section 271, 804 (b)

DAYS OHLINE

In accordance with Section 271.804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

02/02/2024

|  |   |                                   | 7       |   | STELL VILLE                      |  |
|--|---|-----------------------------------|---------|---|----------------------------------|--|
|  |   | FERC-121                          |         | MAR   | 1 19811                          |  |
| 1.0 API well number:<br>(If not available, leave blank. 14 digits.)  |   | 47- 0                             | 99-1000 | DEFIT GAS   | Pivio                            |  |
| 2.3 Type of determination being sought:<br>(Use the codes found on the front<br>of this form.)                             |   | 107 Section of NGPA               |         |   | MINES                            |  |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)                           |   |                                   | NA      | feet  |                                  |  |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)  | Name<br>P.<br>Street                                  | ork Corpora  O. Box 3711  rleston | tion    | WV 25337 State Zip Cod                            | N/A<br>Seller Code               |  |
| 5.0 Location of this well: [Complete (a) or (b).]  (a) For onshore wells  (35 letters maximum for field name.)             | NA<br>Field Nar<br>Wayne<br>County                    | me                                |         | WV State  |                                  |  |
| (b) For OCS wells:   | NA Area Nan   | Date of Lea                       | ase:    | NA Block Numb  NA  OCS Lease Numbe                |                                  |  |
| (c) Name and identification number of this well: (35 letters and digits maximum.)  | Gunyar  | o Oil Co.                         | 10-967  |   |                                  |  |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  | NA NA   |                                   |         |   |                                  |  |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | Tennessee Gas Pipeline Company 018629 Name Buyer Code |                                   |         |   |                                  |  |
| (b) Date of the contract:  |   | 0,8,1,7,8,0,<br>Mo. Day Yr.       |         |   |                                  |  |
| (c) Estimated annual production:   |   |                                   | 3.1     | MMcf.   |                                  |  |
|  |   | (a) Base Price<br>(\$/MMBTU)      | (b) Tax | (c) All Other<br>Prices [Indicate<br>(+) or (-).] | (d) Total of (a),<br>(b) and (c) |  |
| 7.0 Contract price: (As of filing date. Complete to 3 decimal places.)   |   | 2.404                             | 3_2_4   | 0.0   | 2.728                            |  |
| 3.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  |   | 2 4 0 4                           | .3 2 4  | 0.0   | 2.728                            |  |
| Agency Use Only Date Received by Juris. Agency MAR 3 1 1980  | Lawrence B. Mentzer Corporate Attorne: Name Title     |                                   |         |   | te Attorney                      |  |
| Date Received by FERC  | -   | R 2 1980                          |         | (304) 342-816<br>Phone Number                     | 6                                |  |

FT7900806/2-2

| AUG 1 3 1980  | WEE-CEILER COU   |
|---|--|
| WELL CHATCH Tug Fork Corp.  | NA   |
| FIEST TUFTESSER: Tennessee Gas Pipeline Co  |  |
| DIFFER:   |  |
|   |  |
| .Va. Espartment of Mines, Cil & Gas Division VELL RETERMINATION FILE NUMBER   |  |
| 800331.107.099.1000   |  |
| Ise Above File Number on all Communications   |  |
| Felating To Determination of this Well  |  |
| CHECK EACH FIEM AS COMPLETE OR MOTE WHAT IS MOSSI   | <u>∷G</u>  |
| <u>.w ::0.</u>  |  |
| 1. FERC-121 liens not completed - Live No   |  |
| 2. IV -1 Agent Lawrence B. Mentzer  |  |
| 3. 1V-2 Well Fermit   |  |
| 4. IV.E Well Plat   |  |
|   | ระเวล  |
| f. IV-3f Cas-Dil Test: Cas Enly Vas Dil Freduced?   | Ratio  |
| 7. IV-39 Annual Freduction No Producers   | TGL10  |
| £. IV-LD 90 day Freduction Days off lines   | - Allering   |
| 5. IV-18 Application for certification. Complete?   | The factor of the second   |
| -17 IN Farm +51 - 52 - 53 - 54 - 19 - 55 - 57 - 58 7-7; Tule?   | -  |
|   |  |
| -25 Coler: *Survey ings Sectoris Theres.  | the same of the sa |
| Gas Analyses Italian  |  |
| (5) Date commenced: 8/8/56 Date completed 10/23/56  | Terrand Transfer   |
| (5) Troduction Tepth: 2960/97, 2223/2420, 2036/   | - T  |
| (5) Production Fernation: Wh. Slate; Sl. + Shate; L   |  |
| (5) Final Open Flow: 39metd   | 2 4 22 . 5   |
| (1) Mer Inc. F.F. 225#  |  |
| (6) Ciler Cas Test:   |  |
|   | Prod   |
| (5) Avg. Paily Gas from 90-day ending w71 - 120 days  | 1,   |
| to, ang. rate, one reality that grant and and   | 02/02/2024   |
|   | PSIG from Daily Papers   |
| (5) Oil Production: NO From Completion Report   | 11   |
| -17) Does lease inventory indicate enthanced recovery being done  | NO   |
| -17) Is affidavit sign. 27  |  |
| s cificial well record with the Lipariment confirm the submitted infitional Information Does computer program confidence in the submitted infinitely and | irm? yes   |

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

| Date                   | MAR             | 7 2 19         |
|------------------------|-----------------|----------------|
| Operator's<br>Well No. | 10-967          | 1489           |
| API Well<br>No. 47     | - 099<br>County | 1000<br>Permit |

#### WELL CLASSIFICATION FORM

HIGH COST GAS WELL

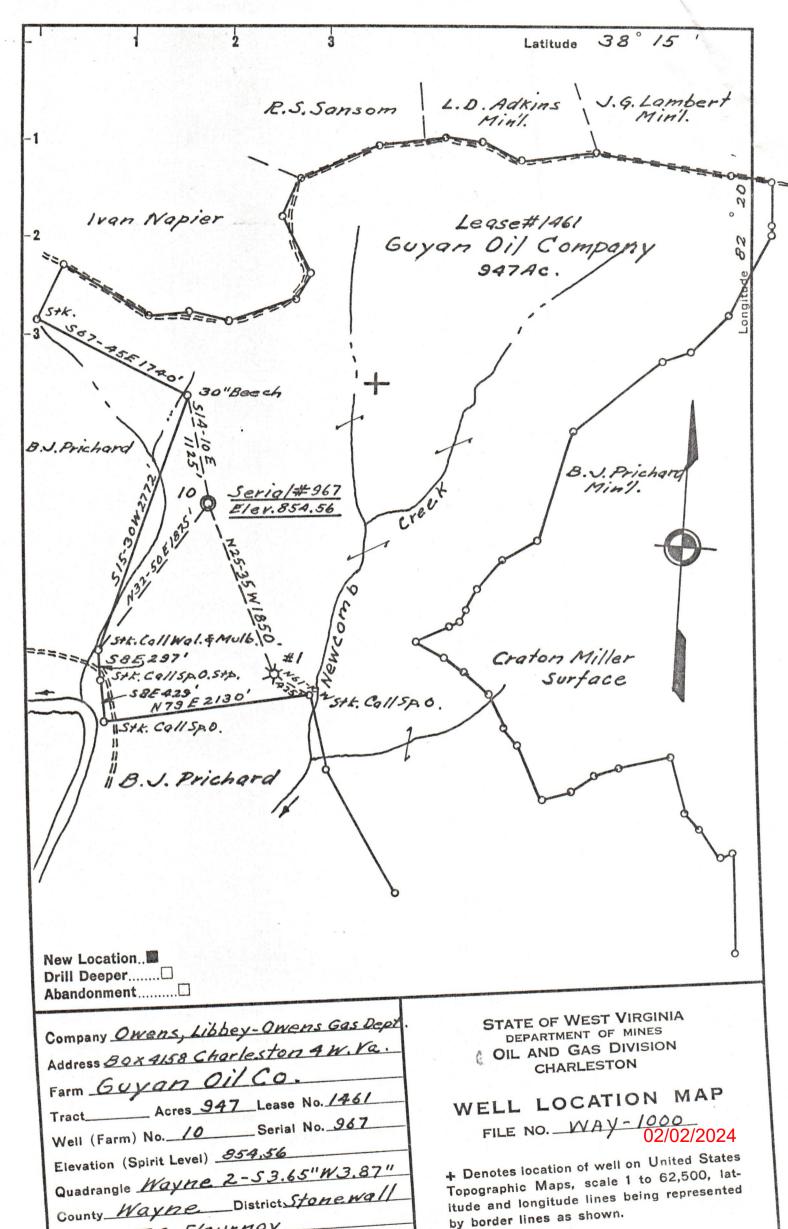
| NGPA Section  | 107  |  |   |   |   |  |
|---|--|--|---|---|---|--|
|   | DESIGNATE  | AGENT La   | awrence                                 | B. M                                    | entzer  |  |
|   | ADDRESS  | P. O. 1  | 30x 37                                  | 1                                       |   |  |
| **************************************  |  | Charles  | ston, V                                 | V.Va.                                   | 25337   |  |
| WELL OPERATOR Tug Fork Corporation  | LOCATION:  | Elevation  | 85                                      | 4.56                                    |   |  |
| ADDRESS P. O. Box 3711  | Watershe   | ed N/A   |   |   | 1.11  |  |
| Charleston, W. Va. 25337  | Dist.  | ewall Cou  | nty Way                                 | ne                                      | Quad.   | Wayne  |
| CAS PURCHASER Tennessee Gas Pipeline Company  | A CONTRACTOR OF THE PARTY OF TH | 100000000000000000000000000000000000000                | ,                                       |   |   |  |
| ADDRESS P. O. Box 2511  | Contract 1   | No. TF-  | P0005                                   |   |   |  |
| Houston, Texas 77001  | Meter Chart Code R0005  Date of Contract 08/17/80  |  |   |   | -   |  |
|   | Date of C  | Onerace_or   | 7 1 7 00                                |   |   | A A MARK TO A STATE OF THE STAT |
| * * * * * * * *   | *  | * *  | *                                       | * .                                     | * *   | *  |
|   |  |  |   |   |   |  |
| AFF   | IDAVIT   |  |   |   |   |  |
| I, James O. Sayre   |  |  |   |   |   |  |
| generally found in the subsurface of th crops around its periphery. For the pudefined as that shale stratigraphic int Mississippian Berea Sand or, if absent, the Onondaga limestone formation or its group of carbonates. I have no knowled application which is inconsistent with high cost natural gas well. | rposes o<br>erval th<br>that of<br>chert e<br>ge of an<br>a conclu   | f this s<br>at lies<br>the Osa<br>quivalen<br>y inform | tateme betwee ge Ser t, the ation t the | nt, Den the ies, a top of not ir well o | evonian<br>base of<br>and the<br>of the lacluded<br>qualifi | shale is f the top of Huntersvill in the   |
| STATE OF WEST VIRGINIA.   |  |  |   |   |   |  |
| county of Kanawha, to wit:  |  |  |   |   |   |  |
|   |  |  |   |   |   | - formand  |
| I, Charlotte I. Mathews , a Not   | ary Public   | in and it  | or the s                                | tate an                                 | a county  | aroresard,   |
| do certify that James O. Sayre , whose name   | e is signe   | d to the   | riting                                  | above,                                  | bearing.  | date   |
| the 3rd day of March, 1980, has   | acknowledg   | ed the sar   | ne befor                                | e me, 1                                 | n my cou  | nty  |
| aforesaid.  | 21   | 4  | m .                                     | ,                                       | 50  |  |
| Given under my hand and official sea  |  |  |   |   |   |  |
| My term of office expires on the $5th$  | day of [   | ecember  | <u> </u>                                | 19 85                                   |   |  |
|   | (  | Tharlo   | the potary Pu                           | J. M                                    | athu  | <i>B</i>   |

[NOTARIAL SEAL]

#### ELECTRIC LOGS

With reference to this well, please note that, at the time of the drilling hereof, neither electric logs nor the technology for logging were available. In lieu of actual electric logs on this well, we hereby refer to the gamma ray log and temperature log of the Edgar T. Lester No. 1, Permit No. Wayne 1057. Our geologist(s) submit that these logs are representative of the area and shows the same or similar formations and structures as encountered in the well herein filed for.

Please refer to 107 Tug Fork well certification filing on Well No. 4-543, API No. 47-099-0005 for a copy of the said gamma ray and temperature logs applicable herein.



- Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

Date Feb. 15, 1956 Scale 1"= 1000 K-E 156 IMPERIAL TRACING CLOTH T.M

Engineer T.S. Flournoy

Engineer's Registration No. 269

\_Drawing No.