



Minimum Error of Closure 1 ft in 200 Feet  
 Source of Elevation Garner & Gawthrop No. 1 - Elev. 980

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Signed: M. E. Murray  
 L.S. No. 7

- New Location
- Drill Deeper
- Abandonment

Company VINSON GAS & OIL DRILLING Co. Inc.  
 Address 94 Valley Street, Salem, W. Va.  
 Farm Leonidas Leeson Now A.W. Richards et ux  
 Tract Acres 142 Lease No. \_\_\_\_\_  
 Well (Farm) No. VG 40 No 3 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1006'  
 Quadrangle West Union SC  
 County Doddridge District Central  
 Engineer M. E. Murray  
 Engineer's Registration No. 7  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date January 25, 1979 Scale 1" = 400' = 660 FT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. 47-017-2344

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 FEB 9 1979  
 — Denotes one inch spaces on border line of original tracing.

2200' Log in limb to Greenwood (89)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Rotary  Oil   
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle West Union  
Permit No. 47-017-2344

Company VINSON GAS & OIL DRLG CO., INC.  
Address 94 Valley St. Salem, W. Va.  
Farm Leonidas Leeson Acres 142  
Location (waters) Leeson's Run  
Well No. 7.3. & O # 3 Elev. 1006  
District Central County Doddridge  
The surface of tract is owned in fee by Cecil T. & Erie Sheets  
Address Greenwood, W. Va.  
Mineral rights are owned by Leonidas Leeson, A. W. Richards et al.  
Address Greenwood, W. Va.  
Drilling Commenced 1-30-79  
Drilling Completed 2-04-79  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day 6 bbls.  
Well open 24 hrs. before test 320 RP.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size              |                  |              |                               |
| 20-16             |                  |              |                               |
| Cond.             |                  |              |                               |
| 13-10"            | 10'              |              |                               |
| 9 5/8             |                  |              |                               |
| 8 5/8             | 378.95'          | 378.95'      | 150 sks.                      |
| 7                 |                  |              |                               |
| 5 1/2             |                  |              |                               |
| 4 1/2             |                  | 2314.95'     | 100 sks.                      |
| 3                 |                  |              |                               |
| 2                 |                  |              |                               |
| Liners Used       |                  |              |                               |

Well treatment details: \_\_\_\_\_  
Attach copy of cementing record.  
\_\_\_\_\_

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 70 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 2050'

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------|-------|--------------|----------|-------------|-------------------|-----------|
| Red clay  |       |              | 0        | 5           |                   |           |
| Sand      |       |              | 5        | 25          |                   |           |
| Red rock  |       |              | 25       | 29          |                   |           |
| Sand      |       |              | 29       | 65          | water 70'         |           |
| Shale     |       |              | 65       | 140         |                   |           |
| Sand      |       |              | 140      | 160         |                   |           |
| red shale |       |              | 160      | 250         |                   |           |
| Sand      |       |              | 280      | 320         |                   |           |
| Shale     |       |              | 320      | 360         |                   |           |
| Red rock  |       |              | 360      | 370         |                   |           |
| Shale     |       |              | 370      | 550         |                   |           |
| red rock  |       |              | 550      | 570         |                   |           |
| Shale     |       |              | 570      | 678         |                   |           |
| Sand      |       |              | 678      | 680         |                   |           |
| Red rock  |       |              | 680      | 695         |                   |           |
| Shale     |       |              | 695      | 715         |                   |           |
| Sand      |       |              | 715      | 815         |                   |           |
| Shale     |       |              | 815      | 845         |                   |           |
| Sand      |       |              | 845      | 870         |                   |           |
| red rock  |       |              | 870      | 970         |                   |           |
| Sand      |       |              | 970      | 1040        |                   |           |
| Shale     |       |              | 1040     | 1080        |                   |           |
| red rock  |       |              | 1080     | 1130        |                   |           |

| Formation   | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-------------|-------|--------------|----------|-------------|-------------------|-----------|
|             | Sand  |              | 1130     | 1180        |                   |           |
|             | Shale |              | 1180     | 1220        |                   |           |
|             | Sand  |              | 1220     | 1260        |                   |           |
|             | Shale |              | 1260     | 1400        |                   |           |
|             | Sand  |              | 1860     | 1895        |                   |           |
|             | Shale |              | 1895     | 1950        |                   |           |
|             | Sand  |              | 1950     | 1960        |                   |           |
|             | Lime  |              | 1960     | 2040        |                   |           |
|             | Sand  |              | 2040     | 2105        | Oil & Gas 2050    |           |
|             | Shale |              | 2105     | 2240        |                   |           |
|             | Sand  |              | 2240     | 2250        |                   |           |
|             | Shale |              | 2250     | 2365        |                   |           |
| <i>Weir</i> | Sand  |              | 2365     | 2405        |                   |           |
|             | Shale |              | 2405     | 2508        | TD                |           |

Union Gas Oil & Lumber Co. Date 5-29- 1921  
 Owner  
 APPROVED Henry J. Flaherty  
 By \_\_\_\_\_ (Title)

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. V.G. & O No. 3  
API Well No. 47 - 017 - 2344  
State County Permi

WELL TYPE: Oil  Gas   
(If "Gas", Production  / Underground storage  / Deep  / Shallow )

LOCATION: Elevation: 1006 Watershed: Leeson Run  
District: Central County: Doddridge Quadrangle: West Union

WELL OPERATOR Vinson Gas & Oil Drilling Co., Inc. DESIGNATED AGENT Thomas J. Fluharty  
Address 94 Valley Street Address 94 Valley Street  
Salem, W. Va. 26426 Salem, W. Va. 26426

OIL & GAS ROYALTY OWNER Leonidas Leeson - Now A.W. Richards et al COAL OPERATOR No Coal operation in Area  
Address Greenwood, W. Va. Address \_\_\_\_\_

Acreage 142 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Cecil T. Sheets & Eric Sheets Name \_\_\_\_\_  
Address Greenwood, W. Va. Address \_\_\_\_\_

Acreage 63 Name \_\_\_\_\_

FIELD SALE (IF MADE) TO: Address \_\_\_\_\_  
Name \_\_\_\_\_

Address \_\_\_\_\_ COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED Address \_\_\_\_\_  
Name Woody Swartz

Address Clarksburg, W. Va.  
622-3871

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated \_\_\_\_\_, 19\_\_\_\_, to the undersigned well operator from \_\_\_\_\_

[If said deed, lease, or other contract has been recorded:]

Recorded on November 5, 1973, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in West Union Book 98 at page 294. A permit is requested as follows:

PROPOSED WORK: Drill  / Drill deeper  / Redrill  / Fracture or stimulate  /  
Plug off old formation  / Perforate new formation  /  
Other physical change in well (specify) \_\_\_\_\_

---planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

Thomas J. Fluharty  
Well Operator

By \_\_\_\_\_  
Its \_\_\_\_\_

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Spencer Enterprises  
Address West Union, W.Va.

GEOLOGICAL TARGET FORMATION, Big Lignite  
Estimated depth of completed well, 2200 feet Rotary  Cable tools   
Approximate water strata depths: Fresh, 40 feet; salt, 1600 feet.  
Approximate coal seam depths: none Is coal being mined in the area? Yes  No

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS |       |               |     | FOOTAGE INTERVALS |                | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS       |
|-----------------------|----------------|-------|---------------|-----|-------------------|----------------|--------------------------------------|---------------|
|                       | Size           | Grade | Weight per ft | New | Used              | For drilling   |                                      |               |
| Conductor             | 13             |       |               | X   |                   | 20             | 20                                   | Kinds         |
| Fresh water           | 8 1/2          |       |               |     | X                 | 300            | 300                                  | To surface    |
| Coal                  |                |       |               |     |                   |                |                                      | Sizes         |
| Intermediate          |                |       |               |     |                   |                |                                      |               |
| Production            | 4 1/2          |       |               | X   |                   | <del>300</del> | 400ft.                               | Depths set    |
| Tubing                |                |       |               |     |                   |                | 2400'                                |               |
| Liners                |                |       |               |     |                   |                |                                      | Perforations: |
|                       |                |       |               |     |                   |                |                                      | Top Bottom    |

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 9-29-79.

*Spencer*

*Robert...*

The Deputy Director of the Oil & Gas Division completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator            / owner            / lessee            / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_  
Its \_\_\_\_\_