



1) Date: December 9, 19 82
 2) Operator's Well No. H-828
 3) API Well No. 47 085 6088
 State County Permit

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil X / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1021 Watershed: Indian Creek
 District: Murphy County: Ritchie Quadrangle: Harrisville, WV
- 6) WELL OPERATOR Haight, Inc. 11) DESIGNATED AGENT Warren R. Haight
 Address 424 Emerson Avenue Address Rt. 3 Box 14
Parkersburg, WV 26178 Smithville, WV 26178
- 7) OIL & GAS ROYALTY OWNER Creed Hendrickson & Ora M. Samd 12) COAL OPERATOR None
 Address RFD 1 Address _____
Harrisville, WV 26362
- 8) SURFACE OWNER Creed Hendrickson 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address RFD 1 Name _____
Harrisville, WV 26362 Address _____
- 9) FIELD SALE (IF MADE) TO: Cabot Corp. 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address Charleston, WV 25325 Name None
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED: Samuel N. Hersman
 Name Samuel N. Hersman Address _____
P.O. Box 66
Smithville, WV 26178
- 15) PROPOSED WORK: Drill X / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Lower Devonian Shale
- 17) Estimated depth of completed well, 5000 feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No XX /

20) 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 | Left in well | | |
| Conductor | | | | | | | | | Kinds |
| Fresh water | <u>8-5/8</u> | <u>K-55</u> | <u>20#</u> | <u>X</u> | | <u>1121'</u> | <u>1121'</u> | <u>Cement to</u> | <u>Surface</u> |
| Coal | | | | | | | | | Sizes |
| Intermediate | | | | | | | | | |
| Production | <u>4 1/2"</u> | <u>J-55</u> | <u>10.5#</u> | <u>X</u> | | | <u>5000'</u> | <u>500 sacks</u> | Depths set |
| Tubing | | | | | | | | | Perforations: |
| Liners | | | | | | | | | Top Bottom |

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) 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.

Notary: Elmer B. Nelson
 My Commission Expires April 6, 1992

Signed: Haight, Inc. By Mark S. Haight
 Its: Well Administrator

OFFICE USE ONLY

Permit number 47-085-6088

DRILLING PERMIT

Date December 15 1982
03/29/2024

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires August 15, 1983

unless drilling is commenced prior to that date and prosecuted with due diligence.

| | | | | |
|----------------------|------------------|--------------------------|----------------------------|------------------|
| Bond: <u>Blanket</u> | Agent: <u>20</u> | Plat: <u>[Signature]</u> | Casing: <u>[Signature]</u> | Fee: <u>3019</u> |
|----------------------|------------------|--------------------------|----------------------------|------------------|

John S. Burnett
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).

24) 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.

The following waiver must be 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.

DRILLING PERMIT WAIVER

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.

03/29/2024

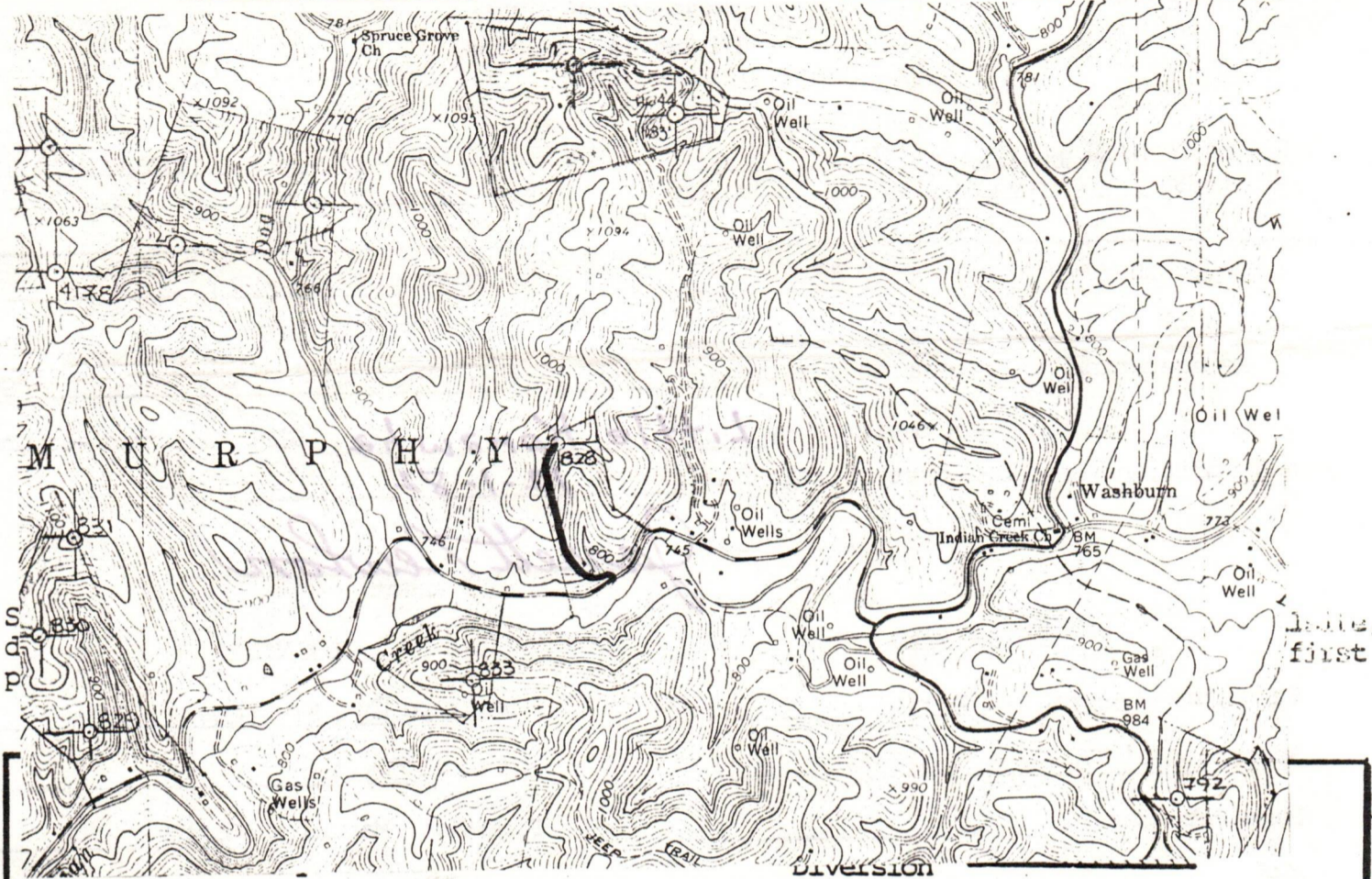
Date: _____, 19____

By _____

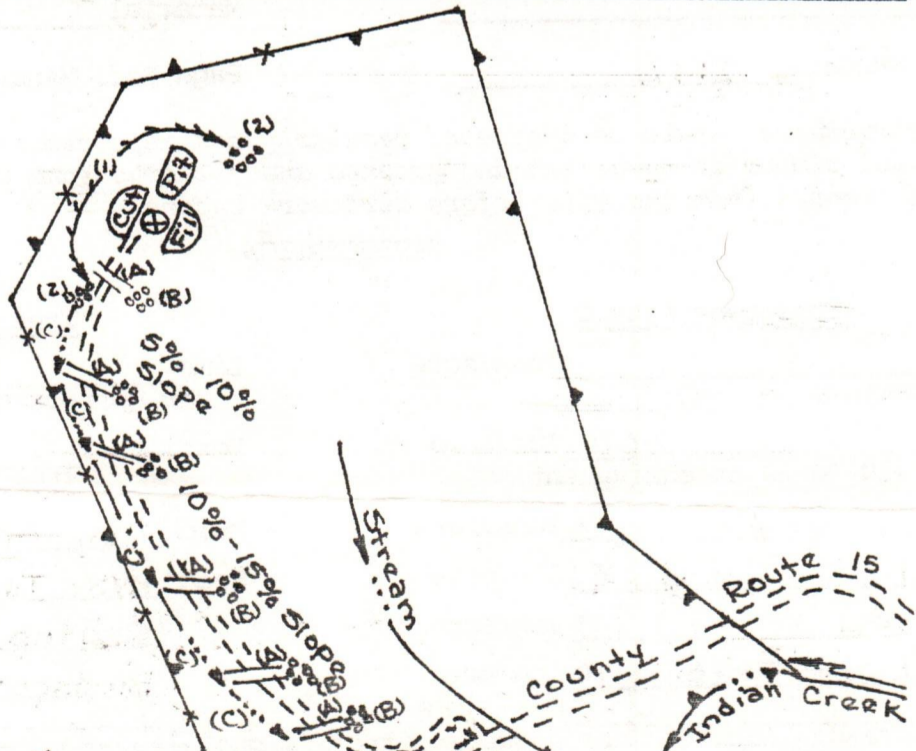
Its _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Harrisville 7 1/2'

LEGEND
WELL SITE ⊕ ACCESS ROAD —



| | | | |
|----------------|-----------------|------------|-----------|
| Road | == == == == == | Spring | ⊕ → |
| Existing fence | — x — x — | Wet spot | ⊕ |
| Planned fence | — / — / — | Building | ■ |
| Stream | ~ ~ ~ ~ ~ | Drain pipe | — ○ — ○ — |
| Open ditch | — ···· — ···· — | Waterway | ⇄ ⇄ ⇄ ⇄ |



- Comments:
1. Length of Access Road 1600 03/29/2024
 2. Brush and Trees to be Piled at Site
 3. _____
 4. _____
 5. _____



IV-9
(Rev 8-81)

DATE 26 November 1982

WELL NO. H-828

State of West Virginia

API NO. 47 - 085 - 6088

Department of Mines

Oil and Gas Division

Construction & Reclamation Plan

COMPANY NAME Haught, Inc.
ADDRESS Smithville, W.Va. 26178

DESIGNATED AGENT Warren Haught
ADDRESS Smithville, W.Va. 26178

Telephone (304) 477-3333

Telephone (304) 477-3333

LANDOWNER Creed Hendrickson

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Warren Haught (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 12-1-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drain (A)
Spacing 45' To 400' (As Needed)
Page Ref. Manual 2:1

Structure Diversion Ditch (1)
Material Soil
Page Ref. Manual 2:12

Structure Rip-Rap (B)
Spacing Same as Cross Drain
Page Ref. Manual 2:9

Structure Rip-Rap (2)
Material Rock - Logs
Page Ref. Manual 2:9

Structure Drainage Ditch (C)
Spacing _____
Page Ref. Manual 2:12

Structure _____ (3)
Material _____
Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2 Tons/acre

Mulch Hay or Straw 2 Tons/acre

Seed* KY31 Tall Fescue 40 lbs/acre

Seed* KY31 Tall Fescue 4 lbs/acre

Redtop 5 lbs/acre

Redtop 5 lbs/acre

Birdsfoot Trefoil 10 lbs/acre
lbs/acre

Birdsfoot Trefoil 10 lbs/acre
lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

03/29/2024

PLAN PREPARED BY William R. Mossor, L.L.S.

ADDRESS 106 North Spring Street

Harrisville, W.Va. 26362

PHONE NO. (304) 643-4572

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

STATE OF West Virginia

COUNTY OF State-wide

BEFORE ME, the undersigned authority in and for the State and County aforesaid, on this day personally appeared Dale Wolfe, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 15th day of March 1979

John R. Bumgardner
Notary Public State-wide

My Commission expires September 15th 1988

STATE OF WEST VIRGINIA,

(Form CC No. 1)

Ritchie County Commission Clerk's Office, March 19th, 1979 at 11:05 o'clock A. M.

The foregoing writing, with the certificate of acknowledgment thereto, was this day admitted to record in said office.

Teste: Linda B. Mage, Clerk

Notary Public _____

STATE OF _____

COUNTY OF _____

Before me, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument as _____ President of _____ a corporation, and acknowledged to me that he executed the same as the act and deed of said _____, for the purposes and consideration therein expressed and in the capacity therein stated.

Given under my hand and seal of office this _____ day of _____ 19_____

Notary Public _____

Form 50

No. _____ County _____

Assignment of Oil and Gas Lease

From

To

Return to

Filed and admitted to record in the office of the Clerk of the County Commission of Ritchie County, W. Va. MAR 19 1979
19 _____ at 11:05 o'clock A M
Recorded in LEASS
Book No. 126 Page 703
Teste: Linda B. Mage Clerk

03/29/2024

G. L. H. S.

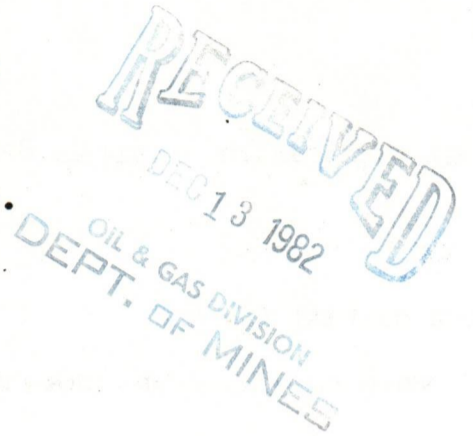
WHEREAS, On the 14th day of February, 1978, certain oil and gas mining lease was entered into by and between Ora M. Sams, a widow,

Lessor, and Dale Wolfe

Lessee, covering the following described land in the County of Ritchie and State of West Virginia, to-wit:

Containing 37 acres, more or less, bounded as follows:

- On the North by lands of Travis Hoover
- On the East by lands of Anthony Nutt heirs
- On the South by lands of R. Hoover heirs
- On the West by lands of A. P. Harold Heirs.



Said lease being recorded in the office of the County Clerk of said County, in Book 124, Page 791 of the Lease--Clerk's Records of said County, and hereby referred to for all purposes,

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS: That the undersigned Dale Wolfe, for and in consideration of the sum of One Dollar, and other good and valuable considerations, cash in hand paid by Warren R. Haught, the receipt of which is hereby acknowledged, do hereby grant, sell, transfer and assign unto the said Warren R. Haught the oil and mineral lease above mentioned, insofar as said lease covers:

Subject to the following reservation:

Dale Wolfe hereby reserves unto himself a one sixty-fourth (1/64th) of seven-eighths (7/8ths) over-riding royalty, delivered free of any and all costs.

and all personal property, machinery and equipment thereon, together with all leasehold and other rights, titles and interests in and to said land, created by virtue of the lease aforesaid.

TO HAVE AND TO HOLD unto the said Warren R. Haught its successors and assigns, forever, in accordance with the terms and provisions of said lease.

And for the same consideration the undersigned for Dale Wolfe and his heirs, successors and representatives do covenant with the said assignee, its successors and assigns, that said lease, hereby assigned, is now in full force and effect, with all rentals and royalties, payable under the same, duly paid; that the undersigned is the owner of said lease, rights thereunder and personal property thereon, with full right to convey the same, and that said lease, rights and property are now unencumbered; and to warrant and forever defend said lease, rights and property unto the said assignee, its successors and assigns, against all and every persons whomsoever lawfully claiming or to claim the same or any part thereof.

IN WITNESS WHEREOF, The undersigned owner and assignor has his instrument this 15th day of March 1979.

Dale Wolfe

ASSIGNMENT OF OIL AND GAS LEASE

WHEREAS, On the 25th day of March, 1978, certain oil and gas mining lease was entered into by and between Creed Hendrickson and Snow Hendrickson, his wife,

Lessor, and Dale Wolfe

Lessee, covering the following described land in the County of Ritchie and State of West Virginia, to-wit:

- Containing 37 acres, more or less, bounded as follows:
- On the North by lands of Travis Hoover
- On the East by lands of Anthony Nutt heirs
- On the South by lands of R. Hoover heirs and John Davisson
- On the West by lands of W.Va. Pulp and Paper Co.

Said lease being recorded in the office of the County Clerk of said County, in Book 125, Page 49 of the Clerk's Records of said County, and hereby referred to for all purposes,

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS: That the undersigned Dale Wolfe, for and in consideration of the sum of One Dollar, and other good and valuable considerations, cash in hand paid by Warren R. Haught, the receipt of which is hereby acknowledged, do hereby grant, sell, transfer and assign unto the said Warren R. Haught the oil and mineral lease above mentioned, insofar as said lease covers:

Subject to the following reservation:
Dale Wolfe hereby reserves unto himself a one sixty-fourth (1/64th) of seven-eighths (7/8ths) over-riding royalty, delivered free of any and all costs.

and all personal property, machinery and equipment thereon, together with all leasehold and other rights, titles and interests in and to said land, created by virtue of the lease aforesaid.

TO HAVE AND TO HOLD unto the said Warren R. Haught its successors and assigns, forever, in accordance with the terms and provisions of said lease.

And for the same consideration the undersigned for Dale Wolfe and his heirs, successors and representatives do covenant with the said assignee, its successors and assigns, that said lease, hereby assigned, is now in full force and effect, with all rentals and royalties, payable under the same, duly paid; that the undersigned is the owner of said lease, rights thereunder and personal property thereon, with full right to convey the same, and that said lease, rights and property are now unencumbered; and to warrant and forever defend said lease, rights and property unto the said assignee, its successors and assigns, against all and every persons whomsoever lawfully claiming or to claim the same or any part thereof.

IN WITNESS WHEREOF, The undersigned owner and assignor has signed and sealed his instrument this 15th day of March 1979. Dale Wolfe

03/29/2024

STATE OF West Virginia

COUNTY OF Ritchie

BEFORE ME, the undersigned authority in and for the State and County aforesaid, on this day personally appeared Dale Wolfe, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 15th day of March; 19 79

Lennal G. Haught
Notary Public State-wide

My Commission expires May 18, 1986.

STATE OF WEST VIRGINIA,

(Form CC No. 1)

Ritchie County Commission Clerk's Office, March 19th, 19 79 at 11:05 o'clock A. M.

The foregoing writing, with the certificate of acknowledgment thereto, was this day admitted to record in said office.

Teste: Linda B. Mage, Clerk

Notary Public _____

STATE OF _____

COUNTY OF _____

Before me, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument as _____ President of _____ a corporation, and acknowledged to me that he executed the same as the act and deed of said _____, for the purposes and consideration therein expressed and in the capacity therein stated.

Given under my hand and seal of office this _____ day of _____ 19 _____

Notary Public _____

No. _____
County _____

Assignment of Oil and Gas Lease

From

To

Return to

Filed and admitted to record in the office of the Clerk of the County Commission of Ritchie County, W. Va. **MAR 9 1979**
19 _____ at 11:05 o'clock A. M.
Recorded in LEASE
Book No. 126 Page 712
Teste: Linda B. Mage Clerk

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Natural Producing

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|-----------|-------|--------------|----------|-------------|---|
| | | | | | Including indication of all fres and salt water, coal, oil and ga |
| R.R. | Red | Soft | 0 | 26 | |
| Slate | Gray | Hard | 26 | 41 | |
| R.R. | Red | Soft | 41 | 55 | |
| Sand | Gray | Hard | 55 | 75 | |
| Slate | Gray | Soft | 75 | 90 | |
| R.R. | Red | Soft | 90 | 100 | |
| Slate | Gray | Soft | 100 | 108 | |
| R.R. | Red | Soft | 108 | 126 | |
| Slate | Gray | Soft | 126 | 317 | |
| Sand | Gray | Hard | 317 | 292 | |
| R.R. | Red | Soft | 292 | 317 | |
| Slate | Gray | Hard | 317 | 338 | |
| Sand | Gray | Hard | 338 | 362 | |
| R.R. | Red | Soft | 362 | 376 | |
| Sand | Gray | Hard | 376 | 402 | |
| Slate | Gray | Hard | 402 | 456 | |
| Sand | Gray | Hard | 456 | 486 | |
| Slate | Gray | Hard | 486 | 549 | |
| S & S | Gray | Hard | 549 | 600 | |
| Slate | Gray | Hard | 600 | 630 | |
| Sand | Gray | Hard | 630 | 666 | |
| S & S | Gray | Hard | 666 | 707 | |
| R.R. | Red | Soft | 707 | 735 | |
| Sand | Gray | Hard | 735 | 774 | |
| R.R. | Red | Soft | 774 | 865 | |
| Slate | Gray | Soft | 865 | 975 | |
| R.R. | Red | Soft | 975 | 990 | |
| Sand | Gray | Soft | 990 | 1037 | |
| Slate | Gray | Soft | 1037 | 1080 | |
| Sand | Gray | Soft | 1080 | 1119 | |
| Slate | Gray | Soft | 1119 | 1242 | |
| Sand | Gray | Soft | 1242 | 1257 | |
| Slate | Gray | Soft | 1257 | 1261 | |
| Sand | Gray | Soft | 1261 | 1305 | |
| Slate | Gray | Soft | 1305 | 1413 | |
| Sand | Gray | Hard | 1413 | 1420 | |
| Slate | Gray | Soft | 1420 | 1484 | |
| Sand | Gray | Hard | 1484 | 1491 | |
| Slate | Gray | Soft | 1491 | 1542 | |
| Sand | Gray | Soft | 1542 | 1585 | |

(Attach separate sheets as necessary)

Haught, Inc.
Well Operator 03/29/2024
By: W. R. Haught
Date: March 11, 1983

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



IV-35
(Rev 8-81)

Date March 11, 1983
Operator's
Well No. H-828
Farm Hendrickson & Sams
API No. 47-085-6088

RECEIVED State of West Virginia

MAR 15 1983

Department of Mines
Oil and Gas Division

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow x /)

LOCATION: Elevation: 1021' Watershed Indian Creek
District: Murphy County Ritchie Quadrangle Harrisville, WV

COMPANY Haught, Inc.
ADDRESS Rt. 3, Box 14 Smithville, WV 26178
DESIGNATED AGENT Warren R. Haught
ADDRESS Smithville, WV 26178
SURFACE OWNER C. Hendrickson
ADDRESS RFD 1 Harrisville, WV 26362
MINERAL RIGHTS OWNER C. Hendrickson & O. Sams
ADDRESS RFD1 Harrisville, WV 26362
OIL AND GAS INSPECTOR FOR THIS WORK Samuel N. Hersman ADDRESS Box 66, Smithville, WV
PERMIT ISSUED December 15, 1982
DRILLING COMMENCED 2-10-83
DRILLING COMPLETED 2-13-83
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

| Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 1085' | 1085' | 175 sacks |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 1950' | |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Big Injun Depth 2005-2085 feet
Depth of completed well 2150 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt feet
Coal seam depths: None Is coal being mined in the area? No.

OPEN FLOW DATA
Producing formation Big Injun Pay zone depth 2005-2085 feet
Gas: Initial open flow 200,000 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 200,000 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 8 hours
Static rock pressure 350 psig (surface measurement) after hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

03/29/2024

(Continue on reverse side)

(Cont. H-828)

| <u>FORMATION</u> | <u>COLOR</u> | <u>HARD OR SOFT</u> | <u>TOP FEET</u> | <u>BOTTOM FEET</u> |
|------------------|--------------|---------------------|-----------------|--------------------|
| Slate | Gray | Soft | 1585 | 1656 |
| Sand | Gray | Hard | 1656 | 1675 |
| Slate | Gray | Soft | 1675 | 1720 |
| Sand | Gray | Hard | 1720 | 1764 |
| Slate | Gray | Soft | 1764 | 1797 |
| Sand | Gray | Hard | 1797 | 1825 |
| Slate | Gray | Soft | 1825 | 1856 |
| Sand | Gray | Hard | 1856 | 2005 |
| Injun | | | | |
| Sand | White | Hard | 2005 | 2085 |
| Shale | Gray | Soft | 2085 | 2150 |

03/29/2024

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

INSPECTOR'S WELL REPORT

Permit No. 85-6088

Oil or Gas Well _____
(KIND)

Company Haight Inc.

Address _____

Farm Creed Hendrickson

Well No. H-828

District Murphy County Ritchie

Drilling commenced 2-10-83

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 16 | | | Kind of Packer |
| 13 | | | |
| 10 | | | Size of |
| 8 1/4 | | | |
| 6 3/8 | | | Depth set |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Moved on location drilling - making pit bigger

RECEIVE

FEB 15 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

2-10-83
DATE

Samuel N. Feisman
DISTRICT WELL INSPECTOR

03/29/2024

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

| Liner | | | Location | Amount | Packer | Location | | |
|-----------------------------|-----------|------|-----------------------|--------|--------|-------------------|------|------|
| PLUGS USED AND DEPTH PLACED | | | BRIDGES | | | CASING AND TUBING | | |
| CEMENT-THICKNESS | WOOD-SIZE | LEAD | CONSTRUCTION-LOCATION | | | RECOVERED | SIZE | LOST |
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Drillers' Names _____

Remarks: _____

_____ DATE I hereby certify I visited the above well on this date.

03/29/2024
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 85-6088

Oil or Gas Well _____
(KIND)

Company Haight Inc.
 Address _____
 Farm Creed Hendrickson
 Well No. H-828
 District Murphy County Ritchie
 Drilling commenced 2-10-83
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water none - Dusting feet _____ feet
 Salt water _____ feet _____ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|-------------------|------------------|--------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | |
| 10 | | | Size of _____ |
| 8 1/4 | | | |
| 6 5/8 | | | Depth set _____ |
| 5 3/16 | | | |
| 3 | | | Perf. top _____ |
| 2 | | | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names E. Smith R. Barker B. McGuire
Haight Inc. Rig #17 Tom Parker Dewey Holdorf
 Remarks:

*1011 foot deep at time of visit
 Will shut down rig and run casing later because
 of weather conditions*

RECEIVED
 FEB 15 1983

OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

2-11-83
 DATE

Samuel M. Hersman **03/29/2024**
 DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

| Liner | | Location | | Amount | Packer | Location | | |
|-----------------------------|-----------|----------|-----------------------|--------|-------------------|----------|------|--|
| PLUGS USED AND DEPTH PLACED | | BRIDGES | | | CASING AND TUBING | | | |
| CEMENT-THICKNESS | WOOD-SIZE | LEAD | CONSTRUCTION-LOCATION | | RECOVERED | SIZE | LOST | |
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Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

03/29/2024

DISTRICT WELL INSPECTOR

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

RECEIVED

FEB 23 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6088

Oil or Gas Well _____
(KIND)

Company Hought Inc.
 Address _____
 Farm Creed Hendrickson
 Well No. H-828
 District Murphy County Ritchie
 Drilling commenced 2-10-83
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|-------------------|------------------|--------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | |
| 10 | | | Size of _____ |
| 8 1/4 | | | |
| 6 3/8 | | | Depth set _____ |
| 5 3/16 | | | |
| 3 | | | Perf. top _____ |
| 2 | | | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Visit - no casing run - waiting on pipe truck at time of visit

2-14-83
DATE

Samuel M. Hersman 03/29/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

| Liner | | | Location | Amount | Packer | Location | | |
|-----------------------------|-----------|------|-----------------------|--------|-------------------|----------|------|--|
| PLUGS USED AND DEPTH PLACED | | | BRIDGES | | CASING AND TUBING | | | |
| CEMENT-THICKNESS | WOOD-SIZE | LEAD | CONSTRUCTION-LOCATION | | RECOVERED | SIZE | LOST | |
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Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

03/29/2024

DISTRICT WELL INSPECTOR

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

RECEIVED

FEB 23 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6088

Oil or Gas Well _____
(KIND)

Company Haight Inc.
 Address _____
 Farm Creed Hendrickson
 Well No. H-828
 District Murphy County Ritchie
 Drilling commenced 2-10-83
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|-------------------|------------------|--------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | |
| 10 | | | Size of _____ |
| 8 1/4 | | | |
| 6 5/8 | | | Depth set _____ |
| 5 3/16 | | | |
| 3 | | | Perf. top _____ |
| 2 | | | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Ran 1088 foot of 8 5/8 casing
Lawson ran 250 sacks cement
Crevices at 60' - Bridged off hole and filled to top
Waiting on cement at time of visit

2-15-83
DATE

Samuel H. Newman 03/29/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

| Liner | | Location | Amount | Packer | Location | | |
|-----------------------------|-----------|----------|-----------------------|--------|-------------------|------|------|
| PLUGS USED AND DEPTH PLACED | | | BRIDGES | | CASING AND TUBING | | |
| CEMENT-THICKNESS | WOOD-SIZE | LEAD | CONSTRUCTION-LOCATION | | RECOVERED | SIZE | LOST |
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Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

03/29/2024

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

RECEIVED
 AUG 15 1983

FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 085 6088 County Ritchie
 Company Haught INC Farm _____
 Inspector Jerry M. Tephahub Well No. _____
 Date 8/10/83

| RULE | DESCRIPTION | IN COMPLIANCE | |
|-------|---|---------------|-------|
| | | Yes | No |
| 23.06 | Notification Prior to starting Work | _____ | _____ |
| 25.04 | Prepared before Drilling to prevent waste | _____ | _____ |
| 25.03 | High-Pressure Drilling | _____ | _____ |
| 16.01 | Required Permits at wellsite | _____ | _____ |
| 15.03 | Adequate Fresh Water Casing | _____ | _____ |
| 15.02 | Adequate Coal Casing | _____ | _____ |
| 15.01 | Adequate Production Casing | _____ | _____ |
| 15.04 | Adequate Cement Strength | _____ | _____ |
| 23.02 | Maintained Access Roads | _____ | _____ |
| 25.01 | Necessary Equipment to prevent Waste | _____ | _____ |
| 23.03 | Reclaimed Drilling Site | _____ ✓ | _____ |
| 23.04 | Reclaimed Drilling Pits | _____ ✓ | _____ |
| 23.05 | No surface or underground Pollution | _____ ✓ | _____ |
| 7.03 | Identification Markings | _____ ✓ | _____ |

COMMENTS: Recently Reclaimed OK To Release

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Jerry M. Tephahub
 DATE: 8/10/83

03/29/2024



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

August 24, 1983

Haught, Inc.
4424 Emerson Avenue
Parkersburg, W. Va. 26101

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

| <u>PERMIT NUMBER</u> | <u>FARM AND WELL NUMBER</u> | <u>DISTRICT</u> |
|----------------------|---|-----------------|
| RIT-5085 | G. W. Hammer/Jack Bonner, #H-1213 | Murphy |
| RIT-5613 | A. W. Flesher Heirs/Iva Hill Simmons, #H-1326 | Murphy |
| RIT-5649-REN | John & Nina Scott/H. S. Wilson, #H-1331 | Grant |
| RIT-6034 | A. M. Douglas Heirs/Doy Cornell, #H-1363 | Grant |
| RIT-6088 | Creed Hendrickson/Ora M. Sams, #H-828 | Murphy |
| RIT-6098 | Warren R. Haught, #H-1366 | Murphy |
| RIT-6239 | A. M. Douglas Estate/Doy Cornell, #H-1372 | Grant |
| RIT-6240 | A. M. Douglas Estate/L. G. Morris, #H-1373 | Grant |
| RIT-6410 | N. M. Welch/W. R. Hays Estate, #H-1410 | Murphy |
| RIT-6411 | N. M. Welch/W. R. Hays Estate, #H-1411 | Murphy |

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

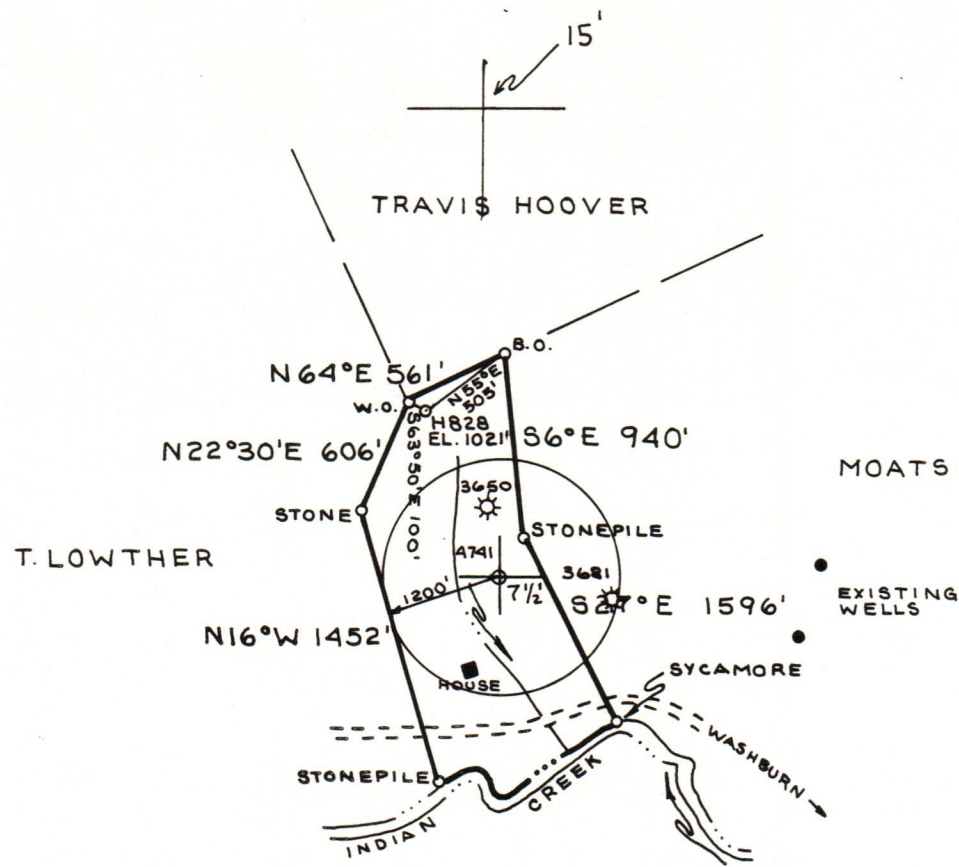
03/29/2024

12/15/82

7250'
LATITUDE 39°10'

LONGITUDE 81°02'30"
7810'

NORTH



ORA M. SAMS +
CREED HENDRICKSON
37 ACRES

FILE NO. _____
 DRAWING NO. _____
 SCALE **1" = 1000'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **ROAD INT. 746'**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) William R. Messer
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE **26 NOVEMBER**, 19 **82**
 OPERATOR'S WELL NO. **H-828**
 API WELL NO. **47 - 085 - 6088**
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION **1021'** WATER SHED **INDIAN CREEK**
 DISTRICT **MURPHY** COUNTY **RITCHIE**
 QUADRANGLE **HARRISVILLE 7 1/2'**
 SURFACE OWNER **CREED HENDRICKSON** ACREAGE **37**
 OIL & GAS ROYALTY OWNER **ORA M. SAMS + CREED HENDRICKSON** LEASE ACREAGE **37** **3/29/2024**
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION **LOWER DEVONIAN SHALE** ESTIMATED DEPTH **5000'**
 WELL OPERATOR **HAUGHT, INC.** DESIGNATED AGENT **WARREN HAUGHT**
 ADDRESS **SMITHVILLE, W.VA. 26178** ADDRESS **SMITHVILLE, W.VA. 26178**