



1) Date: November 15, 19 82
2) Operator's Well No. H-1362
3) API Well No. 47 085 6006
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 XX / Gas XX / B (If "Gas", Production XX / Underground storage / Deep / Shallow XX /)
5) LOCATION: Elevation: 1082 Watershed: Crab Run District: Murphy County: Ritchie Quadrangle: MacFarlan
6) WELL OPERATOR Haight, Inc. 11) DESIGNATED AGENT Warren R. Haight
8) SURFACE OWNER H.S. Morris, et al. 12) COAL OPERATOR None
9) FIELD SALE (IF MADE) TO: Consolidated Gas Sup. Corp. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
10) OIL & GAS INSPECTOR TO BE NOTIFIED Samuel N. Hersman 14) COAL LESSEE WITH DECLARATION ON RECORD:
15) PROPOSED WORK: Drill XX / 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: Is coal being mined in the area? Yes / No

20) CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom)

- 21) EXTRACTION RIGHTS
22) ROYALTY PROVISIONS
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: [Signature] My Commission Expires April 6, 1992
Signed: Haight, Inc. By Mark S. Mason Well Administrator

OFFICE USE ONLY

Permit number 47-085-6006 DRILLING PERMIT November 17 19 82 Date 04/05/2024

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 July 17, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Table with columns: Bond, Agent, Plat, Casing, Fee. Values: Bond [Signature], Agent O.K., Plat M.A., Casing M.A., Fee 2860

[Signature] Administrator, Office of Oil and Gas

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).
- 23) 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.
- 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.

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.

04/05/2024

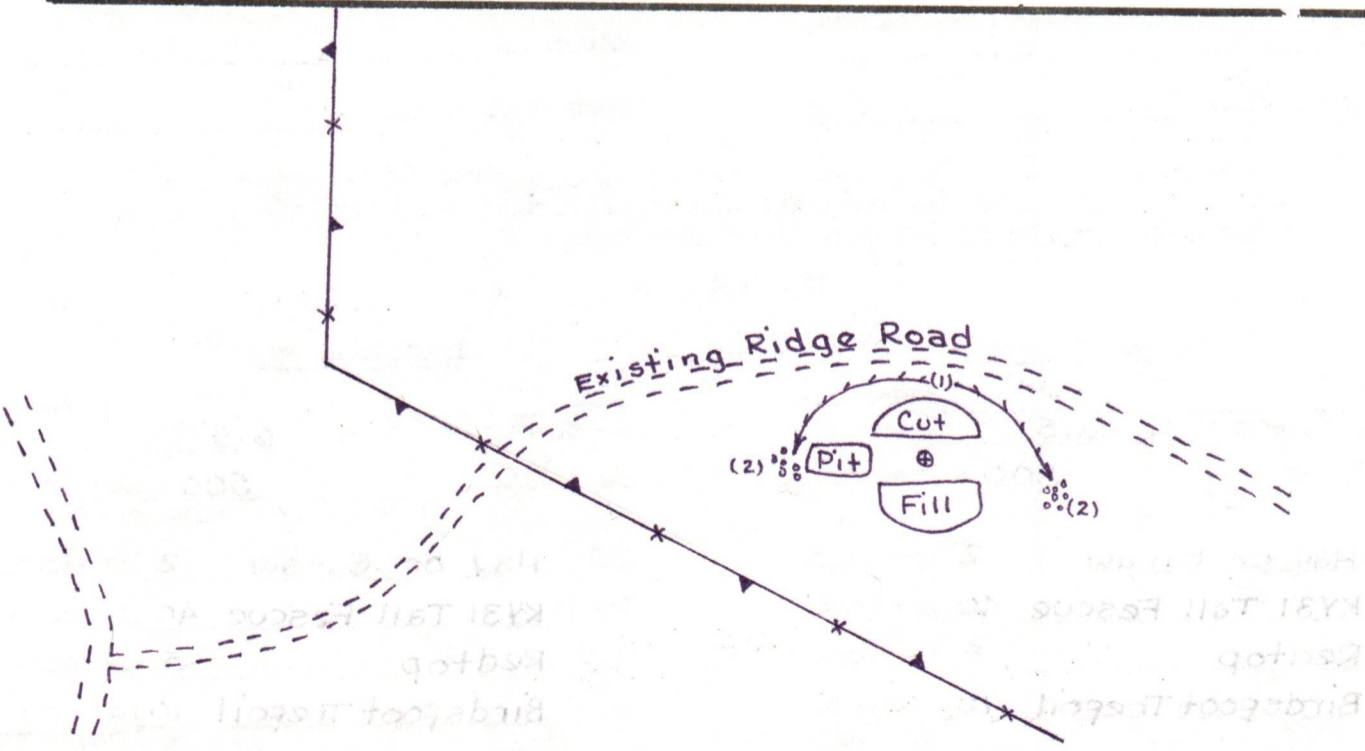
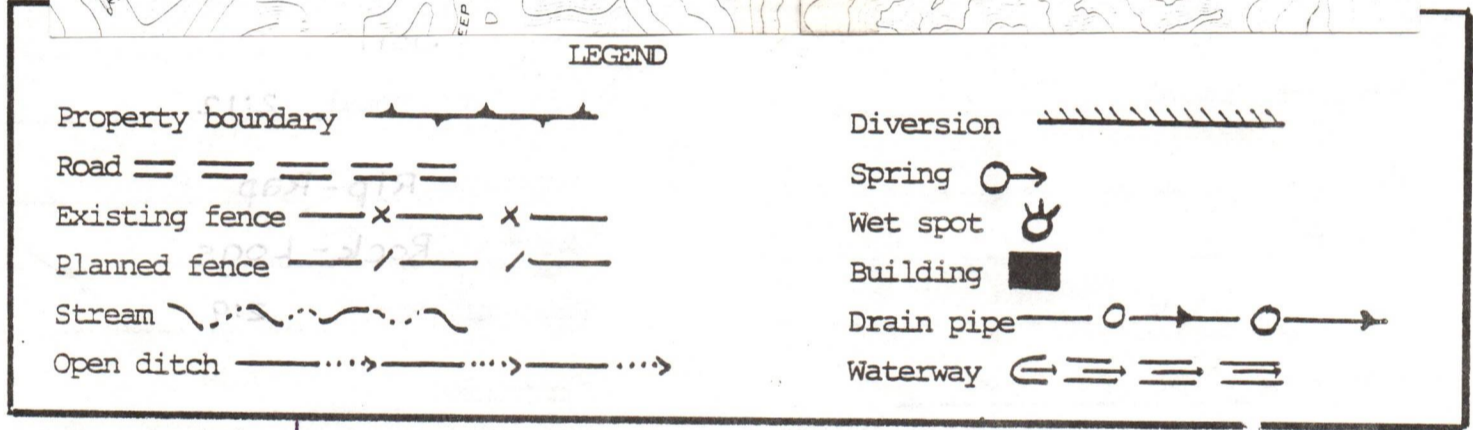
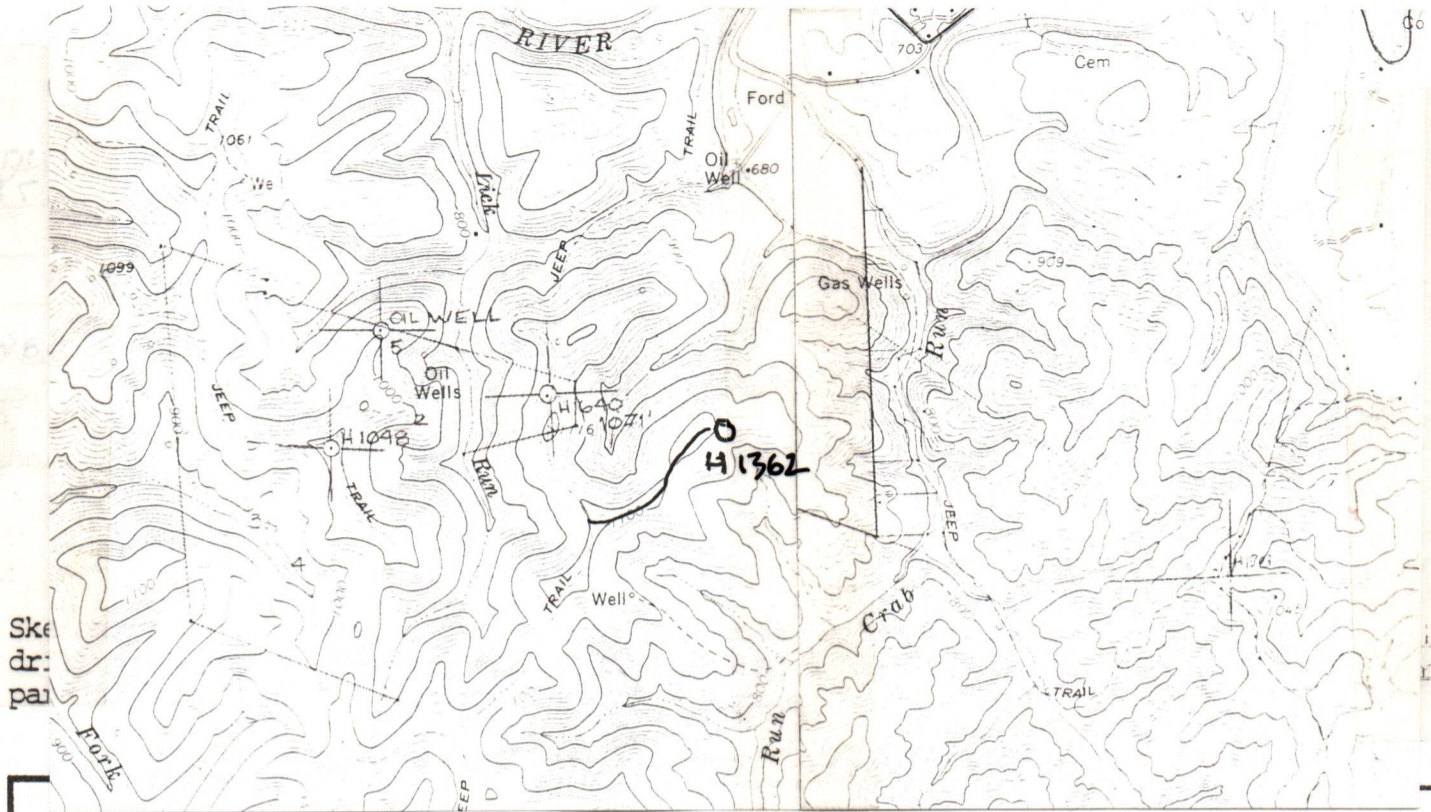
Date: _____, 19____

By: _____

Its _____

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

LEGEND
WELL SITE ⊕ ACCESS ROAD —



- Comments:
1. No Access Road Needed
 2. Brush and Trees to be Piled at Site
 3. Existing road will be maintained.
 4. _____
 5. _____

04/05/2024



IV-9
(Rev 8-81)

DATE 11 November 1982

WELL NO. H-1362

API NO. 47 - 085 - 6006

State of West Virginia

Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

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

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

Telephone (304) 477-3333

Telephone (304) 477-3333

LANDOWNER H.S. Morris

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: 11-13-82

(Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure see sketch

(A)

Structure Diversion Ditch (1)

Spacing _____

Material Soil

Page Ref. Manual _____

Page Ref. Manual 2:12

Structure _____

(B)

Structure Rip-Rap (2)

Spacing _____

Material Rock-Logs

Page Ref. Manual _____

Page Ref. Manual 2:9

Structure _____

(C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

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 40 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.

04/05/2024

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

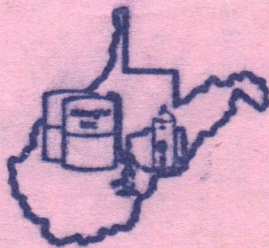
ADDRESS 106 North Spring Street

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.

MEMO



HAUGHT, INC.

4424 Emerson Avenue
Parkersburg, WV 26104
(304) 424-5075

TO: Office of Oil & Gas
1615 Washington St. E.
Charleston, WV 25311

DATE November 15, 1982

SUBJECT

In lieu of filing the lease, we are submitting the following:

1. Description of the tract of land - 205.92 acres in Ritchie County, Murphy District, in the MacFarlan Quadrangle.
2. The right to extract, produce and market oil and gas - a lease from H.S. Morris, Jr. and his wife Freda to Warren R. Haught, Glenn R. Haught, and Eldon J. Haught
3. Lease dated August 1, 1967 recorded on September 9, 1967 in Lease Book 110 page 6.
4. Royalty provision - 1/8.

Sincerely,

Mark S. Mason

RECEIVED

FEB 2 - 1983



IV-35 (Rev 8-81)

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date December 14, 1982 Operator's Well No. H-1362 Farm H.S. Morris API No. 47-085-6006

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: 1082 Watershed Crab Run District: Murphy County Ritchie Quadrangle Smithville, WV

COMPANY Haught, Inc ADDRESS Rt. 3, Box 14 Smithville, WV 26178 DESIGNATED AGENT Warren R. Haught ADDRESS Smithville, WV 26178 SURFACE OWNER H.S. Morris ADDRESS Smithville, WV 26178 MINERAL RIGHTS OWNER H.S. Morris ADDRESS Smithville, WV 26178 OIL AND GAS INSPECTOR FOR THIS WORK Samuel N. Hersman ADDRESS P.O. Box 66 Smithville, WV 26178 PERMIT ISSUED November 17, 1982 DRILLING COMMENCED 11-19-82 DRILLING COMPLETED 12-4-82

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2 and Liners used.

GEOLOGICAL TARGET FORMATION Big Injun Depth 2082-2118 feet Depth of completed well 2218' 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 2082-2118 feet Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d Final open flow 420 Mcf/d Final open flow 0 Bbl/d Time of open flow between initial and final tests 8 hours Static rock pressure 700 psig (surface measurement) after 12 hours shut in (If applicable due to multiple completion--)

04/05/2024

(Continue on reverse side)

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

STATE OF MISSISSIPPI
DEPARTMENT OF MINES
INDUSTRIAL DIVISION

Water Sand Frac by Halliburton
16 holes from 2104 - 2136

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Slate	Gray	Soft	0	20	
R.R.	Red	Soft	20	30	
Sand	Gray	Hard	30	45	
Slate	Gray	Soft	45	100	
R.R.	Red	Soft	100	150	
Slate	Gray	Soft	150	300	
R.R.	Red	Soft	300	315	
Slate	Gray	Soft	315	325	
Sand	Gray	Hard	325	354	
R.R.	Red	Soft	354	375	
Sand	Gray	Hard	375	383	
R.R.	Red	Soft	383	405	
Slate	Gray	Soft	405	450	
R.R.	Red	Soft	450	480	
Sand	Gray	Hard	480	500	
R.R.	Red	Soft	500	535	
Slate	Gray	Soft	535	655	
Shale	Gray	Soft	655	686	
R.R.	Red	Soft	686	727	
Slate	Gray	Soft	727	790	
R.R.	Red	Soft	790	813	
Slate	Gray	Soft	813	853	
R.R.	Red	Soft	853	871	
Slate	Gray	Soft	871	916	
Sand	Gray	Hard	916	930	
R.R.	Red	Soft	930	975	
Slate	Gray	Soft	975	1125	
Sand	Gray	Hard	1125	1170	
Slate	Gray	Soft	1170	1209	
Sand	Gray	Hard	1209	1379	
Slate	Gray	Soft	1379	1390	
Sand & Slate	Gray	Soft	1390	1424	
Sand	White	Hard	1424	1481	
Slate	Gray	Soft	1481	1499	
Sand	White	Hard	1499	1515	
Slate	Gray	Soft	1515	1533	
Sand	Gray	Hard	1533	1587	
Slate	Gray	Soft	1587	1600	

(Attach separate sheets as necessary)

Well Operator
By: Warren R. Haugh 04/05/2024
Date: 1/31/83

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."

(Continued Morris 1362)

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET
Sand	White	Hard	1600	1621
S&S	Gray	Soft	1621	1700
Sand	Gray	Hard	1700	1755
Slate	Gray	Soft	1755	1802
Sand	White	Hard	1802	1966
Slate	Gray	Soft	1966	1986
Lime	Gray	Hard	1986	2093
Sand	Gray	Hard	2093	2120
Shale	Gray	Soft	2120	2218

R.T. 6006

04/05/2024

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

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NOV 23 1982

INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit No. 85-6006

Oil or Gas Well _____
(KIND)

Company Haight Inc.
 Address _____
 Farm H. S. Morris
 Well No. H-1362
 District Murphy County Ritchie
 Drilling commenced _____
 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 Robby Barker - Bobby McGuire
Haight Inc. Rig # 17 tool Pusher - Dewey Haddox
 Remarks: _____

Ran 216' foot of 10 3/4 casing
Haight Inc. ran 100 sacks cement
Circulation OK.

11-19-82
 DATE

Samuel N. Hersman 04/05/2024
 DISTRICT WELL INSPECTOR

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

RECEIVED

JUL 26 1983

OIL & GAS DIVISION
DEPT. OF MINES

Final
INSPECTOR'S WELL REPORT

Permit No. 470856006

Oil or Gas Well _____
(KIND)

Company Haught + Sons
 Address Smithville Mt.
 Farm H. S. Morris
 Well No. _____
 District _____ County Ritchie
 Drilling commenced _____
 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 3/4			
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:

7 1983

OK To Release

7 1983

DATE

Jerry R. [Signature]
04/05/2024
DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

August 12, 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:

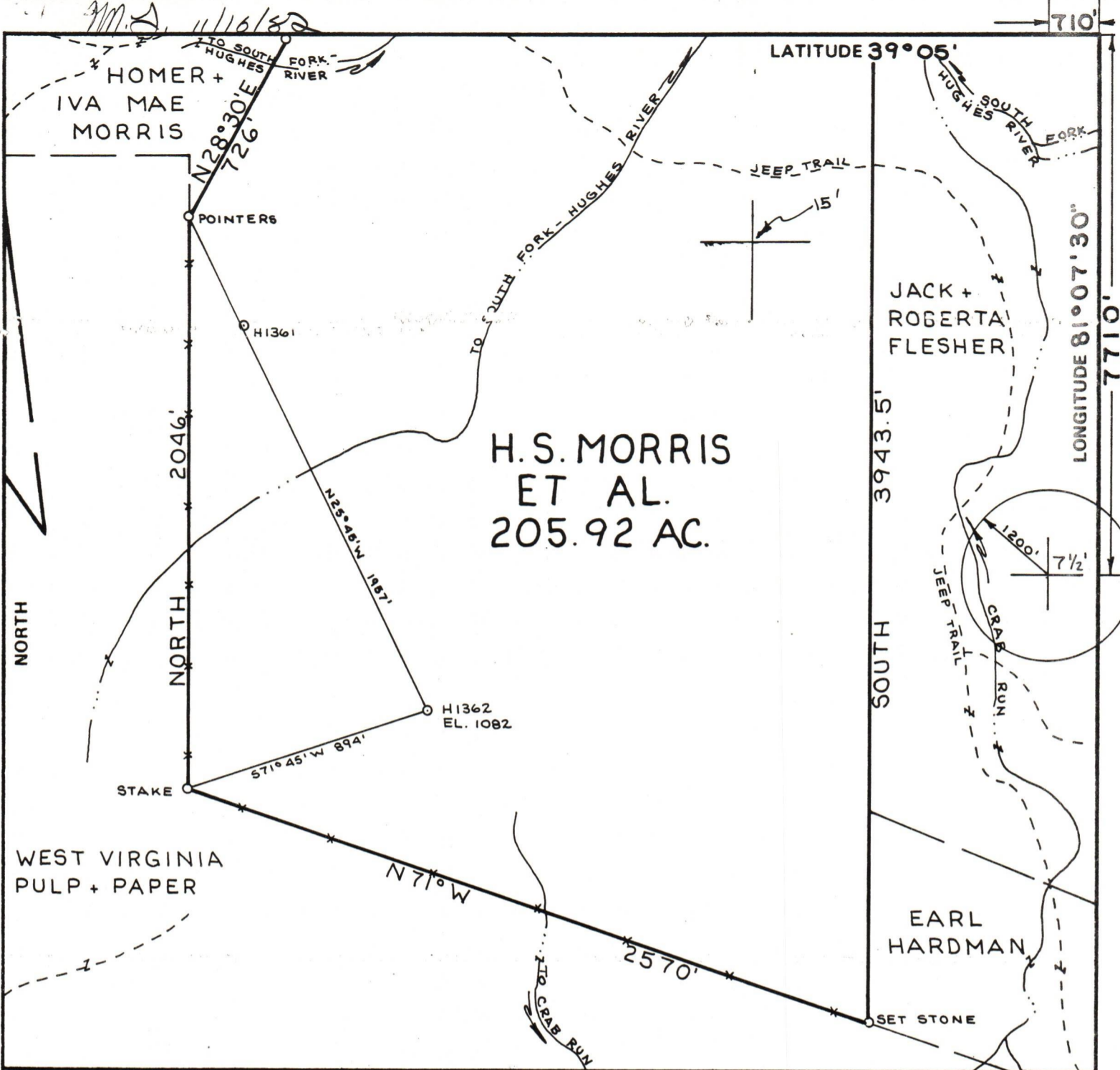
<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-6006	H. S. Morris, #E-1362	Murphy
RIT-6060	H. H. Smith, et al, #H-1359	Murphy
RIT-6067	H. S. Morris, #H-1360	Murphy
RIT-6180	Dale Wolfe, et al, #H-1375	Murphy
RIT-6295	A. M. Douglas Heirs, #H-1374	Grant
RIT-5136	William Bunner, #H-1250	Grant
RIT-5270	Harle G. Layfield, #H-1267	Union
RIT-5453	Woodrow Metz, et ux, #H-1314	Grant
RIT-6005	H. S. Morris, et al, #H1361	Murphy
PLEAS-1443-REN.	Benjamin Cunningham, #H-1209	McKim
PLEAS-0929	Danny R. Higgins, #H-1077	McKim
PLEAS-0939	Danny R. Higgins, #H-1078	McKim
PLEAS-1270	Mary & Benjamin Cunningham, #H-1208	McKim
PLEAS-1380	Paul Eddy, #H-1298	McKim
PLEAS-1414	T. E. Cunningham Heirs, #H-1311	McKim

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

04/05/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH POINT
1116'

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 A. Masser*
 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 11 NOVEMBER, 19 82
 OPERATOR'S WELL NO. H-1362
 API WELL NO. _____
47 - 085 - 6006
 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 1082' WATER SHED CRAB RUN
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE MACFARLAN 7 1/2'

SURFACE OWNER H.S. MORRIS ACREAGE 205.92
 OIL & GAS ROYALTY OWNER H.S. MORRIS, ET AL. LEASE ACREAGE 205.92
 LEASE NO. _____

04/05/2024

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 R. HAUGHT
 ADDRESS SMITHVILLE, W.VA. 26178 ADDRESS SMITHVILLE, W.VA. 26178