



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,
Charleston, W. Va.

Mary H. Holland, et al.
COAL OPERATOR OR COAL OWNER

West Union, W. Va.
ADDRESS

Mary H. Holland, et al.
COAL OPERATOR OR COAL OWNER

ADDRESS

Mary H. Holland, et als.
OWNER OF MINERAL RIGHTS

West Union, W. Va.
ADDRESS

Robert L. Holland
NAME OF WELL OPERATOR

West Union, West Virginia
COMPLETE ADDRESS

March 4, 19 60
PROPOSED LOCATION

West Union District

Doddridge County

Well No. 1

Mary H. Holland Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated the 27th day of January, 1960, made by Harriet M. Jarvis, et als, to Robert L. Holland, and recorded on the 3rd day of March, 1960, in the office of the County Clerk for said County in Lease Book 62, page 299.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Robert L. Holland
WELL OPERATOR

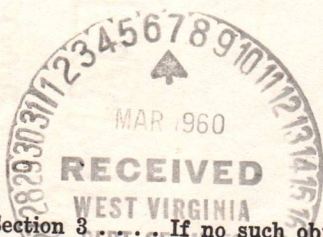
Court House
STREET

West Union,
CITY OR TOWN

West Virginia
STATE

02/16/2024

*map received
3-2-60*



Address of Well Operator }

*Section 3. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 28, 1974
ROBERT L. HOLLAND
Company ~~XXXXXXXXXXXXXXXXXXXX~~
Address West Union, W. Va. 26456
Farm Mary H. Holland Acres 9.55
Location (waters) Middle Island Creek
Well No. 1 Elevation 1007
District West Union County Doddridge
Quadrangle West Union

Surface Owner Mary H. Holland, et al
Address West Union, W. Va.
Mineral Owner Mary H. Holland, et al
Address West Union, W. Va.
Coal Owner same
Address _____
Coal Operator none
Address _____

DOD-312 Issued March 12, 1960, well in continuous operation. Plans call for perforating and acidizing Squaw Sand. No new drilling or fracture involved.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

INSPECTOR TO BE NOTIFIED Paul Garrett
321 Beech St. PH: 622-3871
Clarksburg, WV.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 27 January 1960 by Mary H. Holland, et al made to Robert L. Holland and recorded on the 29th day of Feb 1960, in Doddridge County, Book 62 Page 299

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *x

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

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 fracturing. This permit shall expire if operations have not commenced by 9-2-74

Address of Well Operator

Deputy Director - Oil & Gas Division

Very truly yours, Robert L. Holland
(Sign Name) Well Operator

105 High Street
Street

West Union, W. Va.
City or Town

West Virginia 26456

State

02/16/2024

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

Band Isaac.

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN Perforate and acidize
 _____ FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Hugh Spencer _____ NAME Robert L. Holland _____
 ADDRESS Smithburg, W. Va. _____ ADDRESS 105 High Street _____
 TELEPHONE 873-1602 _____ TELEPHONE 873-1921 _____
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Squaw _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____, _____
 IS COAL BEING MINED IN THE AREA? _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code. 02/16/2024

 For Coal Company

 Official Title

State of West Virginia

RECEIVED

MAY 2 1974

BOND FOR SINGLE OIL OR GAS WELL
OIL AND GAS DIVISION
DEPT. OF MINES

KNOW ALL MEN BY THESE PRESENTS:

That we, Robert L. Holland as principal and _____ a corporation, as surety are held and firmly bound unto the State of West Virginia, in the just and full sum of \$2,500.00, to the payment whereof, well and truly made, we bind ourselves, our personal representatives, successors, heirs and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATIONS IS SUCH THAT, WHEREAS, the above bound principal (s) in pursuance of the provisions of Chapter 22, Article 4 of the Code of West Virginia, 1931, as amended, to obtain from the Deputy Director, Oil and Gas Division, Department of Mines of the State of West Virginia, a permit only as indicated.

- Drill ()
- Re-drill ()
- Deepen ()
- Plug ()
- Fracture-Stimulate (x)

an oil or gas well located at or near West Union in West Union Magisterial District, Doddridge County, West Virginia. Please make application on the appropriate form to the Oil and Gas Division.

NOW, THEREFORE, if the said principal (s), in drilling, re-drilling, deepening, fracturing-stimulating, plugging or partial plugging said well shall do so in full compliance with all laws, rules and regulations relating to the drilling, re-drilling, deepening, fracturing-stimulating, plugging, partial plugging and casing of wells shall furnish such reports and information as may be required by the Oil and Gas Division, West Virginia Department of Mines, then this obligation shall be void. Otherwise, it shall remain in full force and effect and subject to forfeiture.

IN WITNESS WHEREOF the said principal has hereunto set his name and affixed his seal, and the said surety has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed by _____, its officer or agent thereunto duly authorized, all of which is done as of the 29th day of March, 19 74

COUNTERSIGNED:

by Robert A. Greadick
Licensed Resident Agent

Robert L. Holland
Principal

Surety Company's Power of Attorney must be attached.

Fidelity & Deposit Co. of Maryland
Surety
by Robert A. Greadick

(continued on reverse side)

CERTIFICATE

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2 of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Certificate is signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 16th day of July, 1969.

RESOLVED: "That the facsimile or mechanically reproduced signature of any Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company, this _____ day of _____, 19_____

[Signature]
Assistant Secretary

02/16/2024

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

FORM IV-1

DESIGNATION OF AGENT BY WELL OWNER OR OPERATOR

Well Operator / Part Owner Robert L. Holland
Address Box 425
West Union, WV 26456

Pursuant to the provisions of Code § 22-4-1k, and subject to the requirements of Regulation 7.01, the undersigned hereby designates the following person to be the agent of the undersigned for the purpose of receiving process, notices, orders and other communications which may be issued under Chapter 22 of the Code of West Virginia:

Designated Agent Robert L. Holland
Address Box 425
West Union, WV 26456
Telephone 304-873-1921

The undersigned represents that said designated agent is a bona fide resident of the State of West Virginia, and has agreed to accept the designation. This designation applies to the following wells:

all wells owned or operated by the undersigned in West Virginia
 the wells listed below (Use space below or reverse side or attach list)
H & H OIL COMPANY 47-017-231200000

[COMPLETE AS APPLICABLE]

The undersigned is hereby recording an existing designation of agent made prior to the initial adoption of Form IV-1.

The undersigned is proposing to own or operate wells in West Virginia for the first time, so that this designation should also be considered the registration by the undersigned with the Deputy Director.

The undersigned has owned and operated a well or wells in West Virginia since the year 19___, but has not heretofore appointed a designated agent.

This designation substitutes a new designated agent for the undersigned, who has owned or operated a well or wells in West Virginia since the year 19___. The present designated agent of the undersigned, who will continue as such, if he is able, until this new designation has been approved, is--

Agent being replaced _____
Address _____

H & H OIL COMPANY
Well Owner or Operator

By: Robert L. Holland

Its: Operator-Part owner

ACCEPTED this 26 February, 1979

Robert L. Holland
(Signature of designated agent)

02/16/2024

Taken, subscribed and sworn to before me this 26th day of February, 1979.

Notary Public Paris Baker My commission expires April 19, 1987

Well owner or operator must be a responsible officer of the corporation, trustee, individual or legally qualified representative of owner of the well(s).



IV-9
(Rev 8-81)

DATE October, 1983

WELL NO. 1

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47 - Dod⁰¹⁷ - 312-FRAE

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME H & H Oil Company DESIGNATED AGENT Robert L. Holland
Address P O Box 425, West Union, WV Address P O Box 425, West Union, WV
Telephone 873-1921 Telephone 873-1921
LANDOWNER Mary H. Holland SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Robert L. Holland (Agent)

This plan has been reviewed by West Fork SCD. All corrections
and additions become a part of this plan: 10/28/1983 (Date)

**THIS REVIEW IS MADE FOR SITE AS SHOWN. A
CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT.
OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES
THIS PLAN NOT ACCEPTABLE TO WFSCD.**

Kenneth E. Knight
(SCD Agent)

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NOV 22 1983

OIL & GAS DIVISION

DEPT. OF MINES

ACCESS ROAD
Structure Existing access road to (A)
be used
~~Structure~~
Page Ref. Manual 2-14
Structure Drainage Ditch (B)
Spacing Inside road cuts
Page Ref. Manual 2-12
Structure Culvert (18" minimum I.D.) (C)
Spacing (according to O&G Manual) (at natural drains)
Page Ref. Manual 2-7

LOCATION
Structure Existing location to (1)
be used
Material _____
Page Ref. Manual _____
Structure Diversion Ditch (2)
Material Earthen
Page Ref. Manual 2-12
Structure Sediment Barrier (3)
Material Hay or straw bales
Page Ref. Manual 2-16

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

Disturbed ground will be treated as follows:
Treatment Area I
Determined by PH test
Lime Determined by PH test Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay two (2) Tons/acre
Seed* Ky 31 Fescue 35 lbs/acre
Bird's foot trefoil 10 lbs/acre
Domestic rye 10 lbs/acre

Treatment Area II
Lime Determined by pH test Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay two (2) Tons/acre
Seed* Ky 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic rye 10 lbs/acre

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

PLAN PREPARED BY Charles E. Nesler 02/16/2024


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


ADDRESS Route 1 - Arnold's Creek
West Union, WV 26456

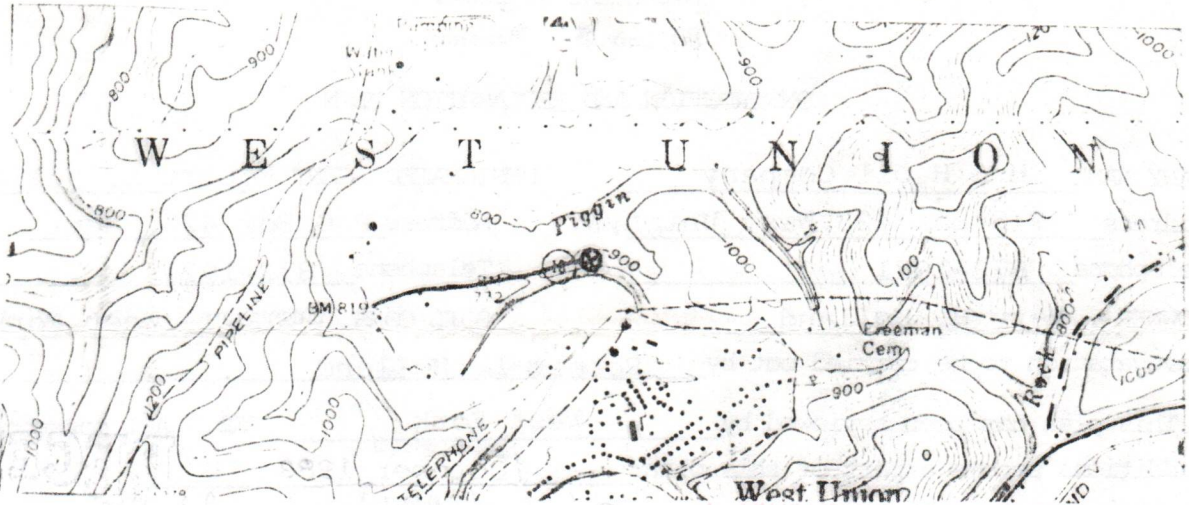
PHONE NO. 873-1152

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE West Union 7.5

LEGEND

Well Site 













Access Road 



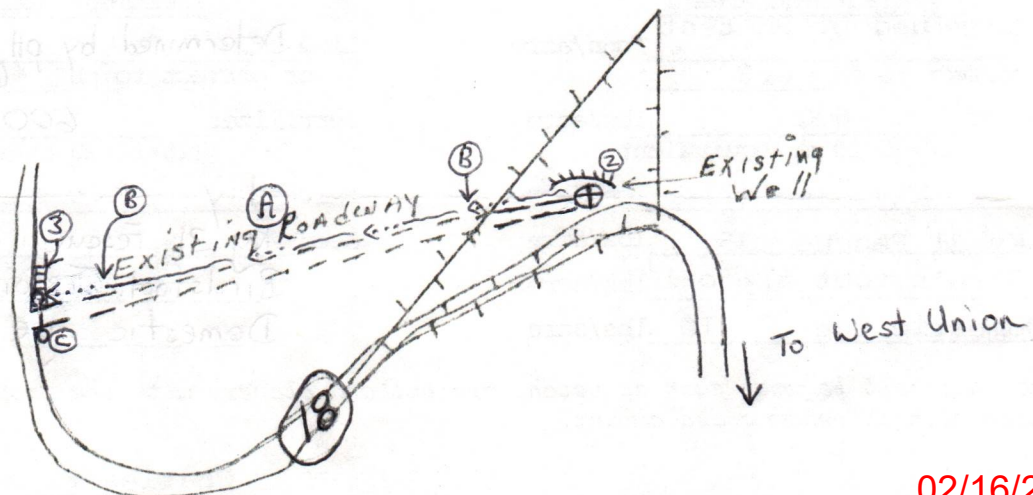
WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well shaft, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

Note: Topsoil will be stockpiled for use in reclamation work.



02/16/2024



1) Date: 26 October, 1983
 2) Operator's Well No. 1
 3) API Well No. 47 - Dodd - 312-Frac
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1007' Watershed: Middle Island
 District: West Union Mag. County: Doddridge Quadrangle: West Union
- 6) WELL OPERATOR H & H Oil Company
 Address Box 425
West Union, WV 26456
- 7) DESIGNATED AGENT Robert L. Holland
 Address Box 425
West Union, WV 26456
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Stephen Casey
 Address Route 2, Jane Lew, WV
26378
- 9) DRILLING CONTRACTOR:
 Name Nesler Well Service
 Address Route 1
West Union, WV 26456
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, _____
- 12) Estimated depth of completed well, 1971 feet
- 13) Approximate trata depths: Fresh, -0- feet; salt, -0- feet.
- 14) Approximate coal seam depths: 255-260 Is coal being mined in the area? Yes No

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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	OIL & GAS DIVISION PACKERS DEPT. OF MINES
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	10"			X		189'		C95 CASING IN PLACE	Kinds
Fresh water	0								Sizes
Coal	8 1/4			X		1145'			Depths set
Intermediate									Perforations:
Production	5-3/16			X		1827'			Top Bottom
Tubing									
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-0312-Frac Date January 17, 1984

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires January 17, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <input checked="" type="checkbox"/> <u>MH</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>2237</u>
-----------------	--	-----------------	------------------	-----------------

[Signature]
 Administrator, Office of Oil and Gas

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

12/8



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: West Union, WV 26456
 2) WELL OPERATOR: H & H Oil Company
 3) DESIGNATED AGENT: Robert L. Hollan
 4) DRILLING CONTRACTOR: Nealer Well Service
 5) PROPOSED WELL WORK: [Blank]

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 DEPT OF MINES

FORMATION	THICKNESS	DEPTH	REMARKS
10"			
0			
8"			
5-3/16			

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Event	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____
 Reason: _____

Agent	PLM	Casing	Loc
BB			

02/16/2024

1) Date: 26 October, 1983
2) Operator's Well No. 1
3) API Well No. 47 Dod 312-PCA
State County Permi

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

- (i) Name Mary H. Holland
Address 308 Church Street
West Union, WV 26456
- (ii) Name Charles L. Maxwell, Agent
Address P O Box 297
Spencer, WV 25276
- (iii) Name _____
Address _____

5 (i) COAL OPERATOR None
Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name None
Address _____

Name _____
Address _____

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) 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.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Robert L. Holland

this 26 day of October, 1983.

My commission expires 19 Apr, 1987.

Doris H Baker
Notary Public, Doddridge County,
State of West Virginia

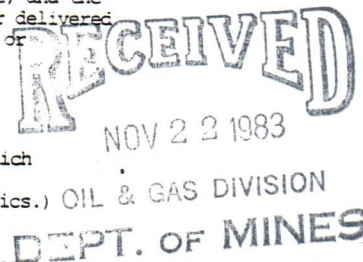
WELL

OPERATOR H & H Oil Company

By Robert Mallard
Its Agent

Address P O Box 425
West Union, WV 26456

Telephone 304-873-1921



02/16/2024

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
-----------------------	-----------------------	---------	-----------

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia,
COUNTY OF Doddridge :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) ___ / Form IV-4(A) ___ /
- (2) Application on Form IV-2(B) / Form IV-3(B) ___ / Form IV-4(B) ___ /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. 1 - H & H Oil located in West Union Magis. District, Doddridge County, West Virginia, upon the person or organization named--

Mary H. Holland and Charles H. Maxwell

RECEIVED
NOV 22 1983

--by delivering the same in Doddridge County, State of West Virginia on the 17th day of November, 1983 in the manner specified below.

OIL & GAS DIVISION
DEPT. OF MINES

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

Handing it to him / her / or, because he ___ / she ___ / refused to take it when I offered it, by leaving it in his ___ / her ___ / presence.

Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

Handing it to the corporation's employee ___ / officer ___ / director ___ / attorney in fact ___ / named _____.

Robert J. Mollard
(Signature of person executing service)

Taken, subscribed and sworn before me this 17th day of November, 1983.
My commission expires April 19, 1987.

Teris G. Baker
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION/0

Quadrangle West Union

Permit No. DOD-312

WELL RECORD

Oil or Gas Well oil & gas
(KIND)

Company <u>Robert L. Holland</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>West Union, W. Va.</u>	Size			
Farm <u>Mary H. Holland</u> Acres <u>9.55</u>	16			Kind of Packer
Location (waters) <u>Middle Island Creek</u>	13			
Well No. <u>1</u> Elev. <u>1007</u>	10	189		Size of
District <u>West Union</u> County <u>Doddridge</u>	8 1/4	1145		Depth set
The surface of tract is owned in fee by <u>Mary H. Holland, et al</u> Address <u>West Union, W. Va.</u>	6 5/8			
Mineral rights are owned by <u>Franklin Maxwell Heirs</u> Address <u>Clarksburg, W. Va.</u>	5 3/16	1827	1827'	
Drilling commenced <u>17 March, 1960</u>	3			Perf. top
Drilling completed <u>13 April, 1960</u>	2			Perf. bottom
Date Shot From To	Liners Used			Perf. top
With				Perf. bottom
Open Flow /10ths Water in Inch				
/10ths Merc. in Inch				
Volume <u>33</u> M. Cu. Ft.				
Rock Pressure <u>520</u> lbs. <u>24</u> hrs.				
Oil <u>none</u> bbls., 1st 24 hrs.				
WELL ACIDIZED <u>Yes</u> <u>1000 gal.</u>				
WELL FRACTURED <u>Yes</u> <u>1928 feet</u>				

CASING CEMENTED 5 1/2 SIZE 150 No. Ft. 1827 No. Ft. 4/10/60 Date

COAL WAS ENCOUNTERED AT none FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 2,005 mcf
ROCK PRESSURE AFTER TREATMENT 612 - 24 hours
Fresh Water none Feet Salt Water none Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil			0	3			
Red clay			3	15			
slate			15	59			
Sand			59	85			
Redrock			85	110			
Slate			110	130			
Red rock			130	215			
Lime			215	225			
Red rock			225	230			
Slate			230	255			
Coal			255	260			
Slate			260	280			
Lime			280	312			
Sand			312	327			
Red rock			327	333			
Lime			333	350			
Red rock			350	390			
Slate			390	417			
Lime			417	423			
Slate			423	465			
Red rock			465	485			
Slate			485	515			
Lime			515	521			
Coal blossom			521	525			
Pitt lime			525	540			
Slate			540	550			
Lime			550	565			
Slate			565	627			
Lime			627	635			

02/16/2024
SEP 1961
RECEIVED
West Virginia
Dept. of Mines

APPROVED *A. A. O. I. Co.*
 By *Robert McLeod, agent* (Title)
 Date September 18, 1961
 Owner

NOTE: Well began making small amount of oil after in production approximately 4 weeks - produces about a barrel per week.

8-24-84
 MEET with, CHARLIE NESTER ON 8-6-84 AND HE GIVE ME
 A REPORT ON WHAT THEY DONE, I FORGOT TO REPORT
 UNTILL 8-24-84 - BUT WORK WAS DONE ON 7-31-84 -
 THEY SAID A BRIDGE PLY AT 1803'
 PART - AT 1730' TO 1742' TRIED TO TREAT WITH 750 GAL
 OF H₂O, B. J. HUGHES, NO TAKE, *Mark Lindstrom*
 STATUS REPORT -

Formation	Color	Hard or Soft	Top 10'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			635	655			
Sand			655	665			
Slate			665	675			
Red rock			675	695			
Slate			695	715			
Red rock			715	727			
Lime			727	737			
Redrock			737	765			
Lime			765	775			
Lime			775	784			
Red rock			784	795			
Slate			795	837			
Red rock			837	857			
Slate			857	883			
Sand			883	925			
Slate			925	975			
Sand			975	988			
Slate			988	1105			
Slate			1105	1145			
Lime			1145	1165			
Slate			1165	1225			
Sand			1225	1260			
Slate			1260	1285			
Sand			1285	1310			
Sand			1310	1330			
Sand			1330	1405			
Slate			1405	1445			
Slate			1445	1475			
Sand			1475	1530			
Slate			1530	1540			
Lime			1540	1550			
Slate			1550	1570			
Lime			1570	1570			
Sand			1570	1610			
Slate			1610	1716			
Sand			1716	1773			
Bake			1773	1775			
Lime			1775	1795			
Slate			1795	1803			
Pencil cave			1803	1805			
Big Lime			1805	1885			
Sand			1885	1902			
Injun sand			1902	1971	gas	1914-1919	
					gas	1951-1958	

02/16/2024

DISTRICT WELL INSPECTOR

DATE

Drillers' Names

Remarks:

INSPECTOR'S PERMIT SUMMARY FORM

not [unclear]
Free P-1 M-

WELL TYPE Shallow F.
ELEVATION _____
DISTRICT West Union
QUADRANGLE _____
COUNTY Redd.

API# 47-017--0312 F.
OPERATOR Robert Holland
TELEPHONE _____
FARM Mary Holland Et.
WELL # Holland one

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____
ENERGY
OIL AND GAS

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

APR / 1 1986

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 3-25-86

[Signature]
Inspector's signature

02/16/2024

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

O.K. to RAL



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500
 April 2, 1986

ARCH A. MOORE, JR.
 Governor

John Johnston
 Director

Robert L. Holland
 Box 425
 West Union, West Virginia 26456

In Re: Permit No: 017-0312-FRAC
 Farm: Mary H. Holland
 Well NO: One
 District: West Union
 County: Doddridge
 Issued: 5-02-74

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

 The well designated by the above captioned permit number has been released under your Blanket Bond.

XXX Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

 Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

 PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit
 Deputy Director--Inspection & Enforcement

TMS/ chm

Encl: \$2,500.00 Single Bond dated 3-29-74 (Fidelity & Deposit Co. of Maryland, surety)
 (This well also has a \$10,000.00 Single Bond dated 11-1-83)

02/16/2024

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-017-1312</u>			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA		Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>H & H OIL COMPANY</u> Name <u>105 High Street</u> Street <u>West Union, WV 26456</u> City State Zip Code			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>West Union Magisterial</u> Field Name <u>Doddridge</u> <u>WV</u> County State			
(b) For OCS wells:	Area Name _____ Block Number _____ Date of Lease: Mo. Day Yr. OCS Lease Number _____			
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>H & H OIL COMPANY</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Equitable Gas Company</u>			
(b) Date of the contract:	<u>15 15 60</u> Mo. Day Yr.			
(c) Estimated annual production:	<u>3</u> MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<u>. 658*</u>	_____	_____	<u>. 658</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2. 224</u>	_____	_____	<u>2. 224</u>
9.0 Person responsible for this application:	<u>Robert L. Holland</u> <u>Agent</u> Name Title <u>Robert Holland</u> Signature <u>26 Feb 1979</u> <u>304-873-1921</u> Date Application is Completed Phone Number			
Agency Use Only Date Received by Juris. Agency FEB 28 1979 Date Received by FERC				

*Volume rate - no adjustments

02/16/2024

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: OCT 22 1919

BUYER-SELLER CODE

WELL OPERATOR: H I H OIL COMPANY

007843

FIRST PURCHASER: EQUITABLE GAS COMPANY

005939

OTHER: _____

Qualifies as Section 108, stripper well.

Robert L. Holland

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

790228 - 108-017-0312

Use Above File Number on all Communications
Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
- 2 IV-1 - Agent ROBERT L. HOLLAND
- 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: -0-
- 9 IV-48- Application for Certification. Complete? _____
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete _____ Affidavit Signed _____
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____

1:4000 Map _____ Well Tabulations _____ Gas Analyses _____

- (5) Date ~~Completed~~ Commenced: 3/17/60 Deepened _____
- (5) Production Depth: Completed: 4/13/60 NO FRACTURED DATE 1827'
- (5) Production Formation: MIDDLE ISLAND CREEK
- (5) ~~Initial Potential~~ Final Open Flow: 2005 MCF
- (5) ~~State R.P. Initially~~ Final R.P.: 520 lbs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 2604 MCF / 365 D = 7.1 MCF/D
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 616 MCF / 90 D = 6.9 MCF/D
- (8) Line Pressure: 204 lbs. PSIG from Daily Report
- (5) Oil Production: YES From Completion Report 1935-1950 02/16/2024
- (10-17) Does lease inventory indicate enhanced recovery being done: No
- (10-17) Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? yes

Additional Information _____ Does computer program confirm? _____

Was Determination Objected to? _____ By Whom? _____

J.P.R.

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

Date 26 February 19 79

Operator's Well No. H & H NO. 1

API Well No. 47 - 017-23120-0000
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT Robert L. Holland

ADDRESS Box 425
West Union, WV 26456

LL OPERATOR Robert L. Holland

DRESS Box 425
West Union, WV 26456

LOCATION: Elevation 1958

Watershed Middle Island Creek

Dist West Union County Doddridge Quad West Union

S PURCHASER Equitable Gas Co.

DRESS 420 Boulevard of Allies
Pittsburgh, Pa 15219

Gas Purchase Contract No. 5461

Meter Chart Code 01000

Date of Contract 5 May 1960

* * * * *

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.)

2 inch tubing; 5½ inch casing & shoe; value and tank; 1993 feet of 2 inch casing; pumping jack; well fittings

Provide 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 tax records, royalty and distribution records, production statements from Equitable Gas Company are maintained at the office of Robert L. Holland, 105 High Street, West Union, WV.

02/16/2024

Describe the search made of any records listed above:

A diligent search of the above listed records was made to obtain the information contained in this application and report.

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, Robert L. Holland, 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.

Robert L. Holland

STATE OF WEST VIRGINIA,

COUNTY OF DODDRIDGE, TO WIT:

I, Doris G. Baker, a Notary Public in and for the state and county aforesaid, do certify that Robert L. Holland whose name is signed to the writing above, bearing date the 26 day of February 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 26 day of February, 1979.

My term of office expires on the 19th day of April, 1987.

Doris G. Baker
Notary Public

[NOTARIAL SEAL]

02/16/2024

[Faint handwritten signature]



02/16/2024

IV-39-WC

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

OPERATOR H & H OIL COMPANY

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL IN BARRELS @ 60 DEGREES

REPORT DATE
26 February 1979

02/16/2024

YEAR 1977

API 47-017-312 FARM	Mary H. Holland	COUNTRY	Doddridge	AVG. FLOW PRESSURE	SHUT-IN PRESSURE	TOTALS							
GAS MCF	205	268	229	244	176	339	228	189	287	132	154	206	2657
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	S-	0-	N-	D-	0
DAYS ON LINE	31	28	31	30	31	30	31	31	30	31	30	31	365

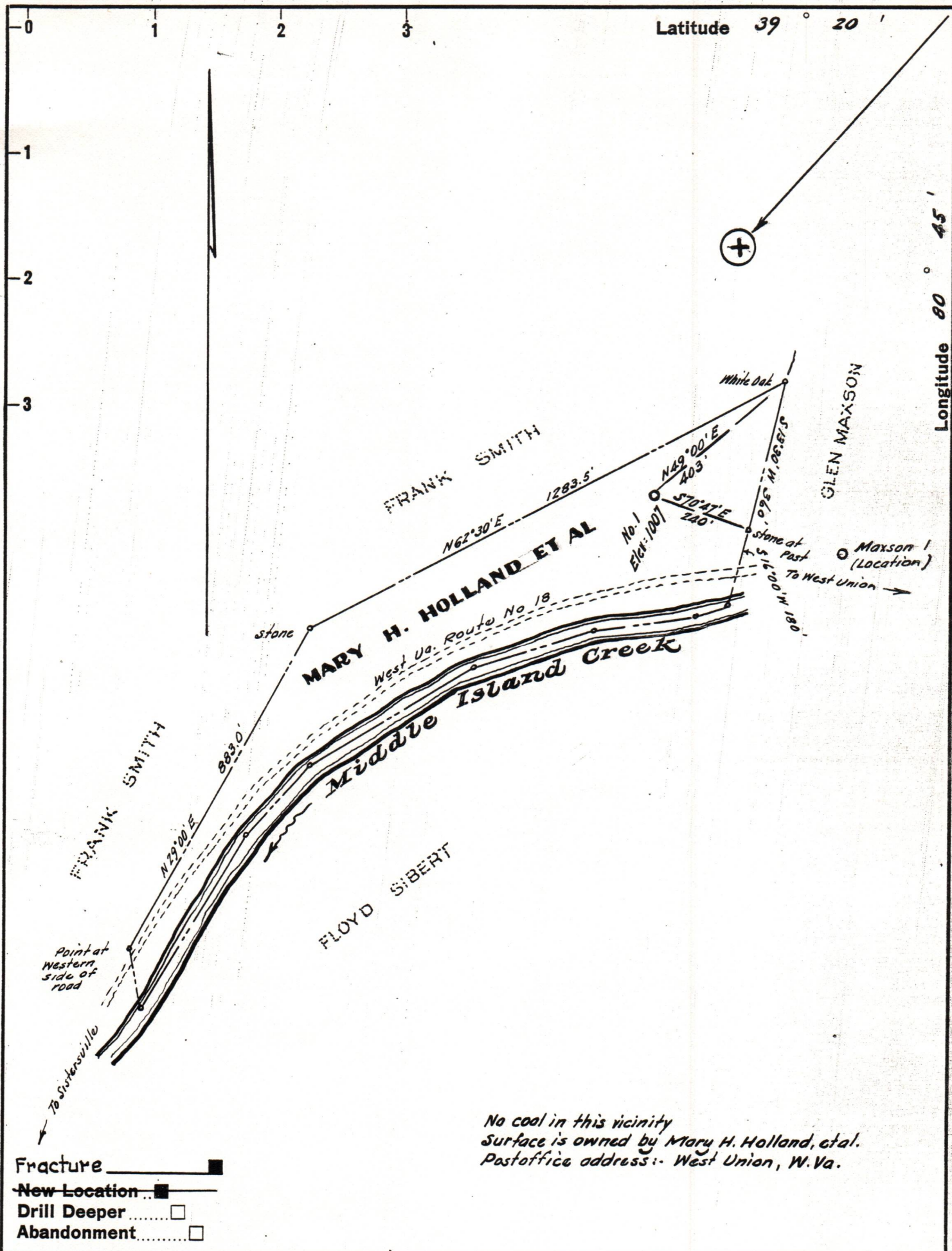
YEAR 1978

API 47-017-231 FARM	Mary H. Holland	COUNTRY	Doddridge	AVG. FLOW PRESSURE	SHUT-IN PRESSURE	TOTALS							
GAS MCF	236	249	258	144	266	217	241	156	246	184	177	230	2604
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	S-	0-	N-	D-	0
DAYS ON LINE	31	28	31	30	31	30	31	31	30	31	30	31	365

SUMMARIZATION SCHEDULE
Section 271. 804 (b)

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



Company Robert L. Holland
~~H. AND H. OIL CO.~~

Address c/o Robert Holland, West Union, W. Va.

Farm Mary H. Holland, et al.

Tract _____ Acres 9.55 Lease No. _____

Well (Farm) No. One Serial No. _____

Elevation (Spirit Level) 1007

Quadrangle West Union

County Doddridge District West Union

Engineer M. Sibert

Engineer's Registration No. 1227

File No. _____ Drawing No. _____

Date Feb., 1960 Scale 1" = 300'

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

WELL LOCATION MAP

FILE NO. DOD-312-500 02/16/2024

+ 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.

- Denotes one inch spaces on border line of original tracing.