

**RECEIVED**  
OCT 24 1985



1) Date: OCTOBER 24, 19 85  
 2) Operator's # 8-ADS REVISED  
 Well No. \_\_\_\_\_  
 3) API Well No. 47-081-0710  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

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

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1001.2 Watershed: CLEAR FORK  
 District: CLEAR FORK County: RALEIGH Quadrangle: DOROTHY 7.5 325
- 6) WELL OPERATOR PEAKE OPERATING CODE: 37100 7) DESIGNATED AGENT TIMOTHY K. WILCOX  
 Address 423 CHAS. NAT'L PLAZA Address SAME  
CHARLESTON WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name RODNEY DILLON Name KEEN DRILLING CO  
 Address SOPHIA WV Address KEEN MT. VA
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, DEVONIAN SHALE
- 12) Estimated depth of completed well, 4717 feet  
 13) Approximate trata depths: Fresh, 50 feet; salt, 500 feet.  
 14) Approximate coal seam depths: NONE Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

15) 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	16"	H-40	65#	X		30	30	CTS	Kinds
Fresh water	12 3/4"	H-40	46#	X		180	180	CTS	
Coal	9 5/8"	H-40	32#	X		600	600	CTS	Sizes
Intermediate	7"	J-55	17#	X		1280	1280	150sks	
Production	4 1/2"	J-55	9.5#	X		4680	4680	300sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-081-0710

October 28

19 85

Date

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 October 28, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <input checked="" type="checkbox"/>	WPCP: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <input checked="" type="checkbox"/>

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

K. Barber  
 Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

11/10/2023





IV-9  
(Rev 8-81)  
**RECEIVED**  
OCT 24 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE 23 OCTOBER 1985  
WELL NO. 8A-DOROTHY REV.  
API NO. 047 - 081 - 0710

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PEAKE OPERATING CO. DESIGNATED AGENT TIMOTHY K. WILCOX  
Address 423 CHARLESTON NATIONAL PLAZA Address 423 CNB PLAZA  
Telephone 304-342-6970 Telephone 304-342-6970  
LANDOWNER CSX MINERALS, INC. SOIL CONS. DISTRICT SOUTHERN  
Revegetation to be carried out by COMPANY CONTRACTOR (Agent)

This plan has been reviewed by SOUTHERN SCD. All corrections and additions become a part of this plan: 10-24-85

(Date)  
Gary W. Boschain  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>ACCESS ROAD</u> (A)	Structure <u>DRAINING PIT</u> (1)
Spacing <u>+ 300' 4% GRADE</u>	Material <u>EARTHEN + LINED</u>
Page Ref. Manual <u>2-14</u>	Page Ref. Manual <u>N/A</u>
Structure <u>CROSS DRAINS</u> (B)	Structure <u>DIVERSION DITCH</u> (2)
Spacing <u>ONE PER 155'</u>	Material <u>EARTHEN</u>
Page Ref. Manual <u>TABLE 1, 2-4</u>	Page Ref. Manual <u>2-12</u>
Structure <u>DRAINAGE DITCH</u> (C)	Structure <u>SEDIMENT BARRIER</u> (3)
Spacing <u>EARTHEN</u>	Material <u>HAY BALES</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-16, 2-18</u>

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 <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>HAY 2.0</u> Tons/acre	Mulch <u>HAY 2.0</u> Tons/acre
Seed* <u>KY.31 TALL FESCUE 30</u> lbs/acre	Seed* <u>KY.31 TALL FESCUE 30</u> lbs/acre
<u>ANNUAL RYEGRASS 10</u> lbs/acre	<u>ANNUAL RYEGRASS 10</u> lbs/acre
<u>WHITE CLOVER 3</u> lbs/acre	<u>WHITE CLOVER 3</u> lbs/acre

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

PLAN PREPARED BY MICHAEL E. UHL 11/10/2023

ADDRESS P.O. BOX 8372

SO. CHAS., WV 25303

PHONE NO. 304-744-5413

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

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

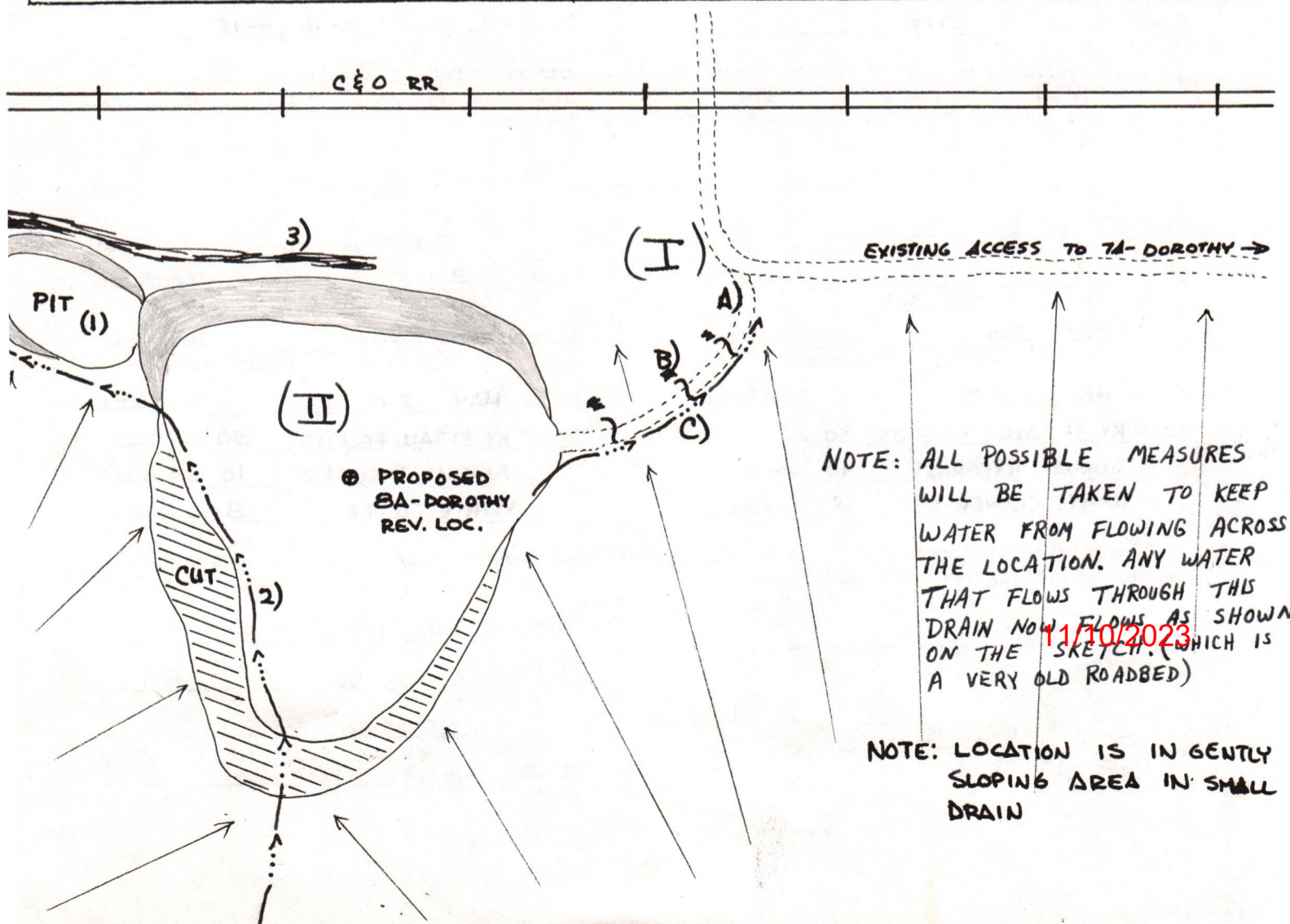
LEGEND	
Well Site	⊕
Access Road	—

ATTACHED

WELL SITE PLAN

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

LEGEND	
Property boundary	— — — — —
Road	== == == == ==
Existing fence	— x — x —
Planned fence	— / — / —
Stream	~ ~ ~ ~ ~
Open ditch	— ···· — ···· — ···· — ···· —
Diversion	//// //// //// //// ////
Spring	○ →
Wet spot	⊙
Building	■
Drain pipe	— ○ — ○ — ○ — ○ —
Waterway	← ≡ ≡ ≡ ≡ ≡ →

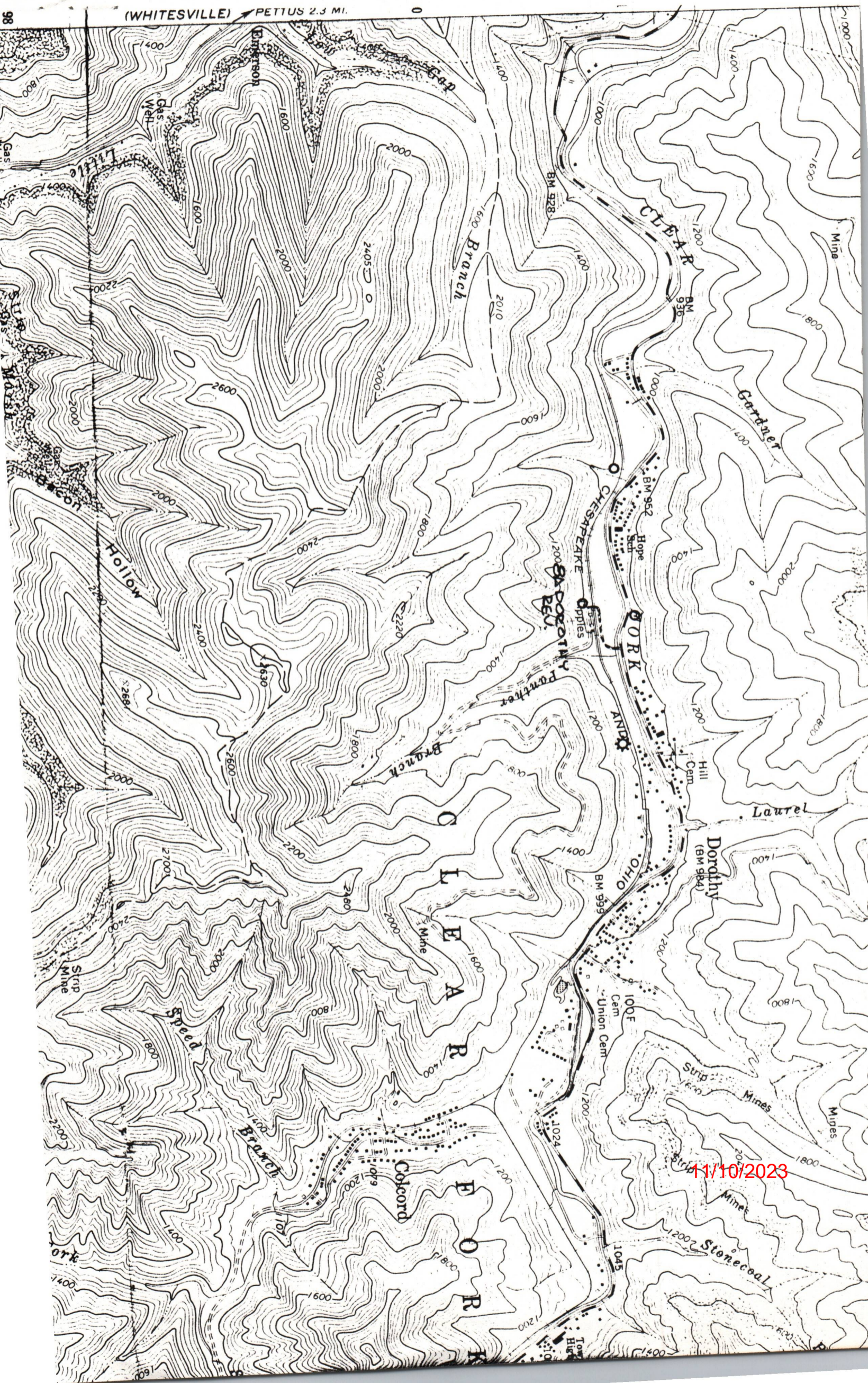


NOTE: ALL POSSIBLE MEASURES WILL BE TAKEN TO KEEP WATER FROM FLOWING ACROSS THE LOCATION. ANY WATER THAT FLOWS THROUGH THIS DRAIN NOW FLOWS AS SHOWN ON THE SKETCH. (WHICH IS A VERY OLD ROADBED)

NOTE: LOCATION IS IN GENTLY SLOPING AREA IN SMALL DRAIN

(WHITESVILLE) ← PETTUS 2.3 MI.

98



11/10/2023

1) Date: OCTOBER 24, 1985  
2) Operator's  
Well No. Dorothy Sarcia #8 ADS  
3) API Well No. 47-081-0710  
State County Permit

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 CSX Minerals  
Address P.O. Box 2827  
Huntington, WV 25727
- (ii) Name ATTN: John Mooney  
Address \_\_\_\_\_
- (iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

- 5(i) COAL OPERATOR Bethlehem Mines Corp  
Address 4012 MacCoyle Ave SE  
Charleston WV MTN. T.J. BRISTOL
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name CSX Minerals  
Address SAME  
Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name Bethlehem Mines Corp  
Address SAME

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: (on file)
- 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  
TIMOTHY K. WILCOX

this 24 day of OCTOBER, 1985.  
My commission expires OCT. 17, 1990.

Roger Puff  
Notary Public, KANAWHA County,  
State of WEST VIRGINIA

WELL OPERATOR Palke Operating Company  
By Timothy K. Wilcox  
Its Canon Manager  
Address Suite 423 Chas. Nat'l Plaza  
Charleston, WV 25301  
Telephone 304-342-6970

RECEIVED  
OCT 24 1985  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

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.

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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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Western Pecosshuttes Corp (CSX Minerals)	Pecolac Operating Co	1/8	31/195

11/10/2023



1) Date: October 24, 19 85  
 2) Operator's # B-ADS / Revised  
 Well No. \_\_\_\_\_  
 3) API Well No. 47 State 081 County 0710 Permit

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

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1001.2 Watershed: CLEAR FORK  
 District: CLEAR FORK County: RALEIGH Quadrangle: DOROTHY 9.5
- 6) WELL OPERATOR Peake Operating CODE: 37100 7) DESIGNATED AGENT TIMOTHY K. WILCOX  
 Address 423 CHAS. NAT'L PLAZA Address SAME  
CHARLESTON WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name ROONEY Dillon Name KEEN DRILLING CO  
 Address SOPHIA WV Address KEEN MT. VA
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, DEVONIAN SHALE
- 12) Estimated depth of completed well, 4717 feet
- 13) Approximate strata depths: Fresh, 50 feet; salt, 500 feet.
- 14) Approximate coal seam depths: NONE Is coal being mined in the area? Yes \_\_\_\_\_ / No X

15) 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	16"	4-40	65#	Y		50	30	CTS	DEPARTMENT OF ENERGY, OIL & GAS DIVISION DIVISION OF OIL & GAS OFFICE OF PERMITS DEPT. BLDG. 100 CHARLESTON, WV 25305 NPT 28 1985 RECEIVED DEPT. BLDG. 100 CHARLESTON, WV 25305
Fresh water	12 3/4"	11-10	46#	Y		180	180	CTS	
Coal	9 5/8"	4-40	32#	Y		600	600	CTS	
Intermediate	7"	J-55	17#	X		1280	1280	150SKS	
Production	4 1/2"	J-55	9.5#	X		4680	4680	300SKS	
Tubing									
Liners									

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.) (For execution by natural persons)

NAME: CSX Minerals, Inc.  
 By for Robert T. Forney  
 Its Director Forest Products Date 10/28/85

\_\_\_\_\_  
 (Signature) Date \_\_\_\_\_  
 \_\_\_\_\_  
 (Signature) 11/10/2023  
 Date \_\_\_\_\_



INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B, Article 1 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Director of the Division of Oil and Gas in the West Virginia Department of Energy immediately.

NOTE : YOU ARE NOT REQUIRED TO FILE ANY COMMENT AT ALL.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

Director, Division of Oil and Gas  
West Virginia Department of Energy  
1615 Washington Street, East  
Charleston, West Virginia 25311-2192  
(304) - 348 - 3500

Who may file comments? If you wish to file comments, you must be an owner of record of (1) and interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract over the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in METHODS FOR FILING COMMENTS below. You may call the Director's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Director's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Director for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Director.

List of Water Testing Laboratories. The Director maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Director's office or an Oil and Gas Inspector to obtain a copy of the list.

CSX Minerals, Inc.  
Robert T. Fennell  
11/10/2023



1) Date: OCTOBER 28/1-07, 1985  
 2) Operator's # 8-ADS Well No. REVISED  
 3) API Well No. 47 State            County            Permit           

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

**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil            / Gas X /  
 B (If "Gas", Production X / Underground storage            / Deep            / Shallow X /)
- 5) LOCATION: Elevation: 1001.2 Watershed: CLEAR FORK  
 District: CLEAR FORK County: RALEIGH Quadrangle: DOROTHY 7.5
- 6) WELL OPERATOR PEAKE OPERATING CODE: 7100 7) DESIGNATED AGENT TIMOTHY K. WILCOX  
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CHARLESTON WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name ROUNY Nillon  
 Address SOPHIA WV
- 9) DRILLING CONTRACTOR: Name KEEN DRILLING CO  
 Address KEEN MT. VA
- 10) PROPOSED WELL WORK: Drill X / Drill deeper            / Redrill            / Stimulate X /  
 Plug off old formation            / Perforate new formation            /  
 Other physical change in well (specify)
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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKER DEPARTMENT OF ENERGY
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16	H-40	65#	X		30	30	CTS	Kinds Sizes Depths set Perforations Top Bottom
Fresh water	12 3/4	H-40	46#	X		180	180	CTS	
Coal	9 5/8	H-40	32#	X		600	600	CTS	
Intermediate	7	J-55	17#	X		1280	1280	150sks	
Production	4 1/2	J-55	9.5#	X		4680	4680	300sks	
Tubing									
Liners									

RECEIVED  
 OCT 28 1985  
 DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

The 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 22B-1-15,16, or 17 must be filed with the Department of Energy 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 22B-1-36 if the permit is to be issued within fifteen (15) days of the filing of the Application.

**WAIVER**

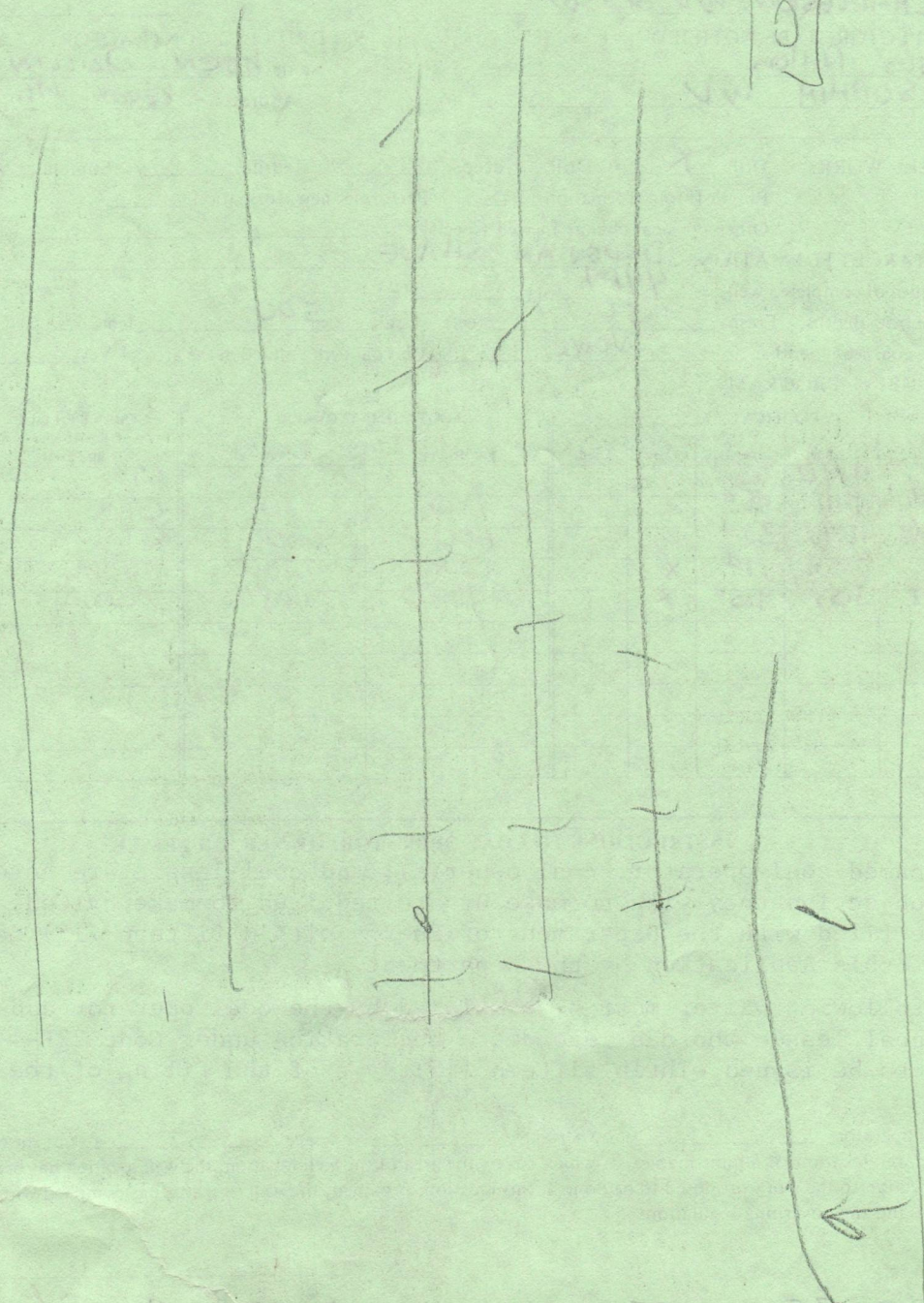
The undersigned coal operator            / owner            / lessee            of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection 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.

Date: OCTOBER 25, 19 85

By J. J. Smiley  
 Its VICE PRESIDENT & MANAGER

11/10/2023

001



2

SITE REGISTRATION APPLICATION FORM  
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS  
DRILLING PIT WASTE DISCHARGE

RECEIVED  
OCT 24 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1. Company Name Peake Operating Company
2. Mailing Address 423 CHAS. NAT'L PLAZA CHAS, WV 25301  
street city state zip
3. Telephone 304-342-6970 4. Well Name Dorothy-SARITA #8-ADS Reuser
5. Latitude 1340' S 37°57'30" Longitude 2500' W of 81°27'30"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-081-0710
8. County RALEIGH 9. Nearest Town Dorothy
10. Nearest Stream Clear Fork 11. Tributary of \_\_\_\_\_
12. Will Discharge be Contracted Out? yes X no \_\_\_\_\_
13. If Yes, Proposed Contractor J.W. Pit Disposal  
Address 1802 Rolling Hills Circle  
Telephone 304-343-8273
14. Proposed Disposal Method: UIC \_\_\_\_\_ Land application X  
Off Site Disposal \_\_\_\_\_ Reuse \_\_\_\_\_ Centralized Treatment \_\_\_\_\_  
Thermal Evaporation \_\_\_\_\_ Other \_\_\_\_\_

15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.



R-35

State of West Virginia

DEPARTMENT OF ENERGY  
Oil and Gas Division

Date January 8, 1986  
Operator's Well No. 8-ADS  
Farm Dorothy-Sarita  
API No. 47 - 081 - 0710

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

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

LOCATION: Elevation: 1001 Watershed Clear Fork  
District: Clear Fork County Raleigh Quadrangle Dorothy 7 1/2

JAN 14 1986

COMPANY Peake Operating Company  
ADDRESS 423 Charleston National Plaza  
Charleston, WV 25301  
DESIGNATED AGENT Timothy K. Wilcox  
ADDRESS 423 Charleston National Plaza  
Charleston, WV 25301  
SURFACE OWNER CSX Minerals, Inc.  
ADDRESS Box 2827, Huntington, WV 25727  
MINERAL RIGHTS OWNER CSX Minerals, Inc.  
ADDRESS Box 2827, Huntington, WV 25727  
OIL AND GAS INSPECTOR FOR THIS WORK  
Rodney Dillon ADDRESS Sophia, WV  
PERMIT ISSUED October 28, 1985  
DRILLING COMMENCED October 29, 1985  
DRILLING COMPLETED November 6, 1985

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	30	30	2 sacks
13-10"			
9 5/8	568	568	210 sacks
8 5/8			
7	1292	1292	200 sacks
5 1/2			
4 1/2	4721	4721	275 sacks
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4754 feet  
Depth of completed well 4754 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 95 feet; Salt 325; 620 feet  
Coal seam depths: \_\_\_\_\_ Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Gordon Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow .010 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow Comingled Mcf/d 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  
(If applicable due to multiple completion--)  
Second producing formation Devonian Shale Pay zone depth 4184 - 4634 feet  
Gas: Initial open flow S/G Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 987 Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 900 psig (surface measurement) after 72 hours shut in

(Continue on reverse side)

RAL 0710

11/10/2023

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

Devonian Shale perforated 4184 to 4634 w/35 holes, Nitrogen Frac: 1000 gal. acid; 1,700,000 SCFN<sub>2</sub>; 10 perf balls; 70,000 SCFN<sub>2</sub>/min. BDP 2750#, ATP 3000#, MTP 3470#.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Overburden			0	25	Water: 95' 5 GPM
Sandstone			25	748	325' 100 GPM
Sandy Shale			748	866	620' 1 GPM
Sandstone			866	962	Gas checks:
Sand & Shale			962	1315	1790 NSG
*Shale			1315	1844	1952 68/10 W 1" = 87 MCFD
*Big Lime			1844	2247	2250 NSG
*Sandy Shale			2247	2505	2470 NSG
*Shale			2505	2734	2775 4/10 W 1" = 21 M
*Coffee Shale			2734	2743	2929 2/10 W 1" = 15 M
*"Berea"			2743	2746	2989 2/10 W 1" = 15 M
*Sandy Shale			2746	2952	4261 3/10 W 1" = 18 M
*Gordon			2952	2966	4597 12/10 W 3/4" Orif. = 15.5 M
*Shale			2966	4294	TD 13/10 W 3/4" Orif. = 16.1 M
*Lower Huron			4294	4579	
*Shale			4579	TD	
TD				4754	

\*Marks E. Log Tops

(Attach separate sheets as necessary)

PEAKE OPERATING COMPANY  
Well Operator

By: \_\_\_\_\_  
Date: January 8, 1986

11/10/2023

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."

INSPECTOR'S PERMIT SUMMARY FORM

10-28-85

WELL TYPE gas  
ELEVATION 2001  
DISTRICT Clear fork  
QUADRANGLE Dorothy  
COUNTY Raleigh

API# 47- 081 - 0710  
OPERATOR Peake  
TELEPHONE \_\_\_\_\_  
FARM Western Pocahontas  
WELL # 8 ADS Rev

SURFACE OWNER West. Poca COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_

DATE STARTED \_\_\_\_\_  
LOCATION 10/25/85 NOTIFIED yes DRILLING COMMENCED 10/28/85

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

CASING

Ran 556 feet of 9 5/8 "pipe on 10-31 with CTS fill up  
Ran 1292' feet of 7 "pipe on 11-2 with 230 SK fill up  
Ran 4721 feet of 4 1/2 "pipe on 11-6 with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
TD 4754 feet on 11-6-85

DEPARTMENT OF ENERGY  
OIL AND GAS

PLUGGING

JUN 2 1986

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_

Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 5-29-86

R. Dillon  
Inspector's signature

11/10/2023

API# 47 081 - 0710

LIST ALL VISITS FOR THIS PERMIT

Keen Drilling Rig #3

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
0

DATE	TIME	PURPOSE	COMMENTS
10-25		Building location	
10-31		Run 951' 556' CTS	210 SKS.
11-1		soaping hole at 905'	
11-2		Run 1292' 701' CTS	220 SKS.
11-6		TO HOLE	
11-7		move rig	
12-3		not producing	not reclaimed
1-10-86		Not Producing	, Not Reclaimed
4-10		location	Reclaimed, Needs Seeded
4-25		Seed	location

Notes



**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	<u>47 - 081 - 0710</u>			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA			
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>4634</u> feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<div style="text-align: right; font-weight: bold; border: 1px solid black; padding: 2px; transform: rotate(-5deg); display: inline-block;">RECEIVED</div> DIVISION OF OIL & GAS DEPARTMENT OF ENERGY JAN 14 1986 Seller Code			
	Name <u>PEAKE OPERATING COMPANY</u> Street <u>423 CHARLESTON NATIONAL PLAZA</u> City <u>CHARLESTON</u> State <u>W. VA.</u> Zip Code <u>25301</u>			
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>CLEAR FORK DISTRICT</u> Field Name <u>ROLEIGH</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>DOROTHY - SARITA #8-ADS</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>DEVONIAN SHALE</u>			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>NOPE GAS, INC.</u> Name Buyer Code			
(b) Date of the contract:	 Mo. Day Yr.			
(c) Estimated total annual production from the well:	<u>22</u> Million Cubic Feet			
	(a) Base Price	(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.)	S/MMBTU _____	_____	_____	_____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU <u>3.616</u>	<u>0.452</u>	_____	<u>4.068</u>
9.0 Person responsible for this application:	<u>Timothy K. Wilcox</u> Land Manager Name Title <u>Timothy K. Wilcox</u> Signature <u>JANUARY 10, 1986</u> Date Application is Completed (304) 342-6970 Phone Number			

FERC-121 (8-82)

11/10/2023

JAN 30 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: JANUARY 10, 1986

37100

AGENCY USE ONLY

Applicant's Name: PEAKE OPERATING COMPANY

Address: 423 CHARLESTON NATIONAL PLAZA

CHARLESTON, WEST VIRGINIA 25301

Purchaser Contract No. 9001

Effective Date of Contract \_\_\_\_\_  
(Month, day and year)

First Purchaser: NOPE GAS, INC. P637

Address: P.O. Box 2868

(Street or P.O. Box)

CLARKSBURG WV 26302

(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_

WELL DETERMINATION FILE NUMBER

860114 - 1030 - 081 - 0710

Use Above File Number on all  
Communications Relating to This Well

Designated Agent: Timothy K. Wilcox

Address: 423 Charleston National Plaza

Charleston, West Virginia 25301

FERC Buyer Code \_\_\_\_\_

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

Name: Timothy K. Wilcox \_\_\_\_\_ Land Manager

(Print)

(Title)

Signature: Timothy K. Wilcox

Address: 423 Charleston National Plaza

(Street or P.O. Box)

Charleston, West Virginia 25301

(City) (State) (Zip Code)

Telephone: (304) 342-6970

(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

HGPA Category Applied For

HGPA SECTION/SUBSECTION

02 New Natural Gas

- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

108 Stripper Well Natural Gas

- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

03 New Onshore Production Well

- 103 New Onshore Production Well

07 High Cost Natural Gas

- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressed Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

11/10/2023

RECEIVED  
JAN 14 1986

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Timothy K. Wilcox

ADDRESS Suite 423 Charleston Nat'l Plaza  
Charleston, WV 25301

WELL OPERATOR Peake Operating Co.

LOCATION: Elevation 1001

ADDRESS Suite 423 Charleston Nat'l Plaza  
Charleston, WV 25301

Watershed CLEAR FORK

Dist CLEAR FORK County ROCKWELL Quad. DOROTHY 7.5'

GAS PURCHASER HOPE GAS, INC.

Gas Purchase  
Contract No. 9001

ADDRESS P.O. BOX 2868

Meter Chart Code \_\_\_\_\_

CLARKSBURG, WV 26302

Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling was begun: OCTOBER 29, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

$BHP = P_e (GD/53.34 T)$

P = Wellhead Pressure = 900

G = Specific Gravity = .62

D = Depth to Midpoint of Perforations = 4409

T = Average Temperature (K°) =  $(t° + 460°) = 554$

BHP = 987.2

AFFIDAVIT

I, Timothy K. Wilcox, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which is capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Timothy K. Wilcox

STATE OF WEST VIRGINIA,

COUNTY OF KANAWHA, TO WIT:

Commissioner for WV

I, H. NEIL STULTZ, a Notary Public in and for the state and county aforesaid,

do certify that TIMOTHY K. WILCOX, whose name is signed to the writing above, bearing date the 10 day of JANUARY, 1986, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 10 day of JANUARY, 1986.

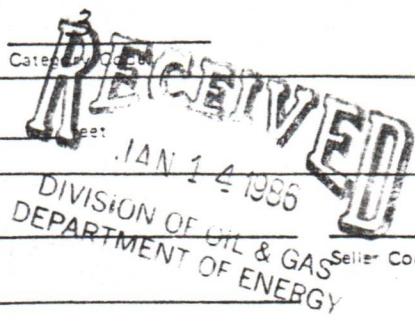
My term of office expires on the 15 day of SEPTEMBER, 1987.

NOTARIAL SEAL)

H. Neil Stultz  
Notary Public  
Commissioner for WV

11/10/2023

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 *PI well number: (If not assigned, leave blank. 14 digits.)	<u>47 - 081 - 0710</u>													
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>107</u> Section of NGPA		Category <u>0</u>											
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>4634</u>													
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>PEAKE OPERATING COMPANY</u> Name													
	<u>423 CHARLESTON NATIONAL PLAZA</u> Street													
	<u>CHARLESTON</u> City	<u>W. VA.</u> State			<u>25301</u> Zip Code									
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)  (b) For OCS wells:	<u>CLEAR FORK DISTRICT</u> Field Name													
	<u>RALEIGH</u> County	<u>WV</u> State												
	Area Name _____		Block Number _____											
	Date of Lease:													
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> </tr> <tr> <td align="center">Mo.</td> <td align="center">Day</td> <td align="center">Yr.</td> <td colspan="2"></td> </tr> </table>								Mo.	Day	Yr.			OCS Lease Number _____
Mo.	Day	Yr.												
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>DOROTHY - SORITO #8-AOS</u>													
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>DEVONIAN SHALE</u>													
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>HOPE GAS, INC.</u> Name <span style="float: right;">Buyer Code _____</span>													
(b) Date of the contract:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> <td style="width: 15px; height: 15px;"></td> </tr> <tr> <td align="center">Mo.</td> <td align="center">Day</td> <td align="center">Yr.</td> <td colspan="2"></td> </tr> </table>									Mo.	Day	Yr.		
Mo.	Day	Yr.												
(c) Estimated total annual production from the well:	<u>22</u> Million Cubic Feet													
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (b) and (c)									
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMSTU	<u>2.850</u>	<u>-----</u>	<u>0.300</u>	<u>3.15</u>									
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMSTU	<u>DEREGULATED</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>									
9.0 Person responsible for this application:	<u>Timothy K. Wilcox</u> Name		<u>Land Manager</u> Title											
Agency Use Only	<u>Timothy K. Wilcox</u> Signature <u>JANUARY 10, 1986</u> Date Application is Completed		<u>(304) 342-6070</u> Phone Number											
Date Received by Juris. Agency														
Date Received by FERC														
	<u>JAN 14 1986</u>													

FERC-121 (8-82)

11/10/2023

JAN 30 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: JANUARY 10, 1986

37100

AGENCY USE ONLY

Applicant's Name: PEAKE OPERATING COMPANY

WELL DETERMINATION FILE NUMBER

Address: 423 CHARLESTON NATIONAL PLAZA

860114 -1073-081- 0710

CHARLESTON, WEST VIRGINIA 25301

Use Above File Number on all  
Communications Relating to This Well

Purchaser Contract No. 9001

Date of Contract \_\_\_\_\_  
(Month, day and year)

First Purchaser: HOPE GAS, INC. P 637

Designated Agent: Timothy K. Wilcox

Address: P.O. Box 2868  
(Street or P.O. Box)

Address: 423 Charleston National Plaza

CLARKSBURG WV 26302  
(City) (State) (Zip Code)

Charleston, West Virginia 25301

FERC Seller Code \_\_\_\_\_

FERC Buyer Code \_\_\_\_\_

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

Name: Timothy K. Wilcox \_\_\_\_\_ Land Manager  
(Print) (Title)

Signature: Timothy K. Wilcox

Address: 423 Charleston National Plaza  
(Street or P.O. Box)

Charleston, West Virginia 25301  
(City) (State) (Zip Code)

Telephone: { 304 } 342-6970  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 02 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 03 New Onshore Production Well
- 103 New Onshore Production Well

- 07 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

**QUALIFIED**

11/10/2023

**RECEIVED**  
JAN 14 1986

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received \_\_\_\_\_

Determination Date \_\_\_\_\_

APPLICATION FOR DETERMINATION OF THE FAIREST LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: PEAKE OPERATING COMPANY Agent: TIMOTHY K. WILCOX  
 Type Determination being sought - 107 (Devonian Shale)  
 API Well No.: 47-081-0710 Well Name: DOROTHY-SARITO #8-A05  
 West Virginia Office of Oil and Gas County: RANKIN  
 References: SJA File No.

Vol.      Page      Line     

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 125 \* API Units
2. Remarks:

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 125 \* API Units
2. Calculation:  $0.7 \text{ (GR Value at Base Line)}$   
 $0.7 \text{ (} \underline{125} \text{ *)} = \underline{87.5}$  API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		

SEE ATTACHED

Total Devonian Interval 1998  
 Total Less Than 0.7 (Shale Base) 30  
 Less Than 0.7 (Shale Base Line) =  $0.015 \times 100 = \underline{1.5} \%$

11/10/2023

\*Marked on log included with analysis.  
 \*\*Top of Devonian Section Recorded on First Interval in this Column.  
 \*\*\*Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

<u>INTERVAL</u>		<u>THICKNESS OF INTERVAL FEET</u>	<u>FEET OF LESS THAN* 0.7 (SHALE BASE LINE) FEET</u>
<u>FROM</u>	<u>TO</u>		
2756	2787	31	0
2787	2789	2	2
2789	2884	95	0
2884	2885	1	1
2885	2906	21	0
2906	2908	2	2
2908	2934	26	0
2934	2936	2	2
2936	2944	8	0
2944	2946	2	2
2946	2957	11	0
2957	2971	14	14
2971	3012	41	0
3012	3014	2	2
3014	3895	881	0
3895	3897	2	2
3897	3961	64	0
3961	3962	1	1
3962	4035	73	0
4035	4036	1	1
4036	4185	149	0
4185	4186	1	1
4186	4754	<u>568</u>	<u>0</u>
		1998	30

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

Operator's Well No. DOROTHY - SORIN # 8-ADS

API Well No.

47 - 081 - 0710  
State County Permit

WELL CLASSIFICATION FORM  
HIGH COST GAS WELL - DEVONIAN SHALE  
NGPA Section 107

DESIGNATED AGENT TIMOTHY K. WILCOX  
ADDRESS CHARLESTON NAT'L PLAZA, SUITE 423  
CHARLESTON, WV 25301  
LOCATION Elevation 1001  
Watershed CLYDE FOLK  
Dist. CLYDE FOLK County ROBERTSON Quad. DOROTHY 7.5  
Gas Purchase Contract No. 9001  
Meter Chart Code \_\_\_\_\_  
Date of Contract \_\_\_\_\_

WELL OPERATOR PEAKE OPERATING COMPANY  
ADDRESS CHARLESTON NAT'L PLAZA, SUITE 423  
CHARLESTON, WV 25301  
GAS PURCHASER HOPE GAS, INC.  
ADDRESS P.O. BOX 2868  
CLARKSBURG, WV 26302

\* \* \* \* \*

Date surface drilling began: OCTOBER 29, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated.

$BHP = P_c (GD/53.34T)$

$P = \text{Wellhead Pressure} = 900$

$G = \text{Specific Gravity} = .62$

$D = \text{Depth to Midpoint of Perfs} = 4409$

$T = \text{Avg. Temperature (K)} = (T + 460) = 554$

$BHP = 987.2$

AFFIDAVIT

I, TIMOTHY K. WILCOX, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Timothy K. Wilcox

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA, TO-WIT:

I, N. WEL STULTZ, COMMISSIONER FOR WV, a Notary Public in and for the state and county aforesaid, do certify that TIMOTHY K. WILCOX, whose name is signed to the writing above, bearing date the 10 day of JANUARY, 1986, has acknowledged the same before me, in my county aforesaid.

11/10/2023

Given under my hand and official seal this 10 day of JANUARY, 1986.  
My term of office expires on the 15 day of SEPTEMBER, 1987.

(NOTARIAL SEAL)

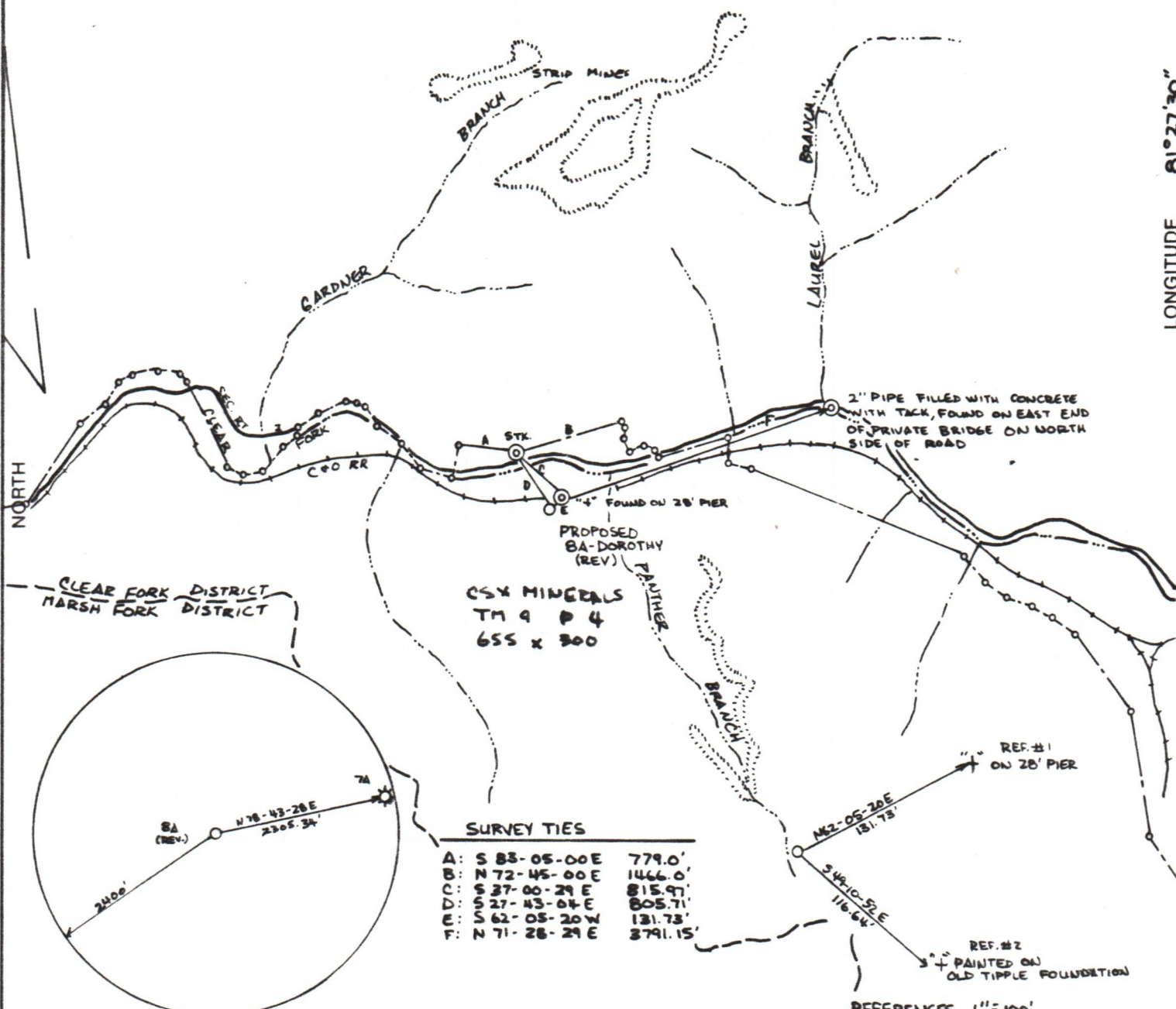
N. Wel Stultz  
Notary Public  
COMMISSIONER FOR WV



LATITUDE 37°57'30"

2500'

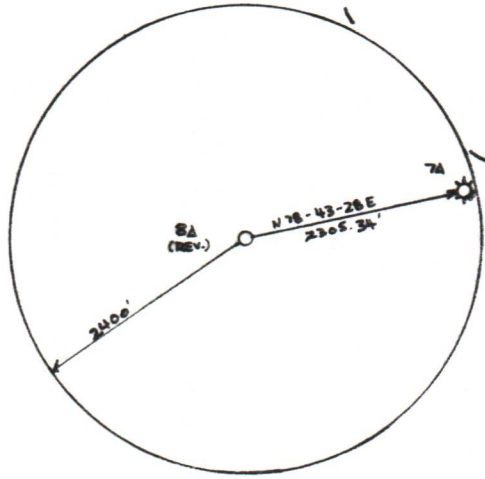
LONGITUDE 81°17'30"



CSX MINERALS  
 TM 9 P 4  
 655 x 300

**SURVEY TIES**

A: S 83-05-00 E	779.0'
B: N 72-45-00 E	1466.0'
C: S 37-00-29 E	815.97'
D: S 27-43-04 E	805.71'
E: S 62-05-20 W	131.73'
F: N 71-28-29 E	3791.15'

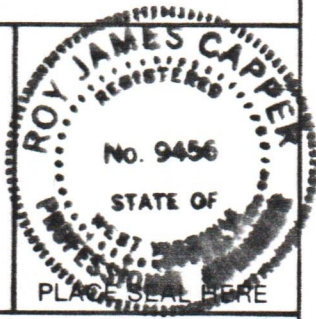


REFERENCES 1" = 100'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 85058  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 5000  
 PROVEN SOURCE OF ELEVATION BM ± 3300' NE OF LOCATION (984' MSL)

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 ENERGY.  
 (SIGNED) Roy J. Cappea  
 R.P.E. 9456 L.I.S. \_\_\_\_\_



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE 23 OCTOBER, 19 85  
 OPERATOR'S WELL NO. BA-DOROTHY  
 API WELL NO. REVISED LOCATION

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1001.2' WATER SHED CLEAR FORK  
 DISTRICT CLEAR FORK COUNTY RALEIGH  
 QUADRANGLE DOROTHY 7.5'  
 SURFACE OWNER CSX MINERALS, INC. ACREAGE 1352.33  
 OIL & GAS ROYALTY OWNER CSX MINERALS, INC. LEASE ACREAGE 8218.47  
 LEASE NO. 31/232  
 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 DEVONIAN SLICES ESTIMATED DEPTH 4717  
 WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TIMOTHY K. WILCOX  
 ADDRESS 423 CHARLESTON NATIONAL PLAZA ADDRESS 423 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WEST VIRGINIA 25301 CHARLESTON, WEST VIRGINIA 25301

11/10/2023

COUNTY NAME  
 PERMIT

FORM WW-6  
 H.T. HALL 08673