

RECEIVED

OCT 09 1984



1) Date: October 5, 19 84  
 2) Operator's Well No. Langford S-110-1  
 3) API Well No. 47 - 085 - 7219  
 State County Permit

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

OIL & GAS DIVISION  
 DEPT. OF MINES

- 4) WELL TYPE: A Oil        / Gas X /  
 B (If "Gas", Production        / Underground storage        / Deep        / Shallow X /)
- 5) LOCATION: Elevation: 1103 Watershed: White Oak of South Fork of Hughes River  
 District: Union County: Ritchie Quadrangle: Pullman 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc. 7) DESIGNATED AGENT Gene Stalnaker  
 Address P.O. Box 178 Address P.O. Box 178  
Glenville, WV 26351 Glenville, WV
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Sam Hersman Name Gene Stalnaker, Inc.  
 Address Box 66 Smithville, WV Address P.O. Box 178  
477-3597 Glenville, WV
- 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, Marcellus
- 12) Estimated depth of completed well, 5300 feet
- 13) Approximate strata depths: Fresh, 160 feet; salt,        feet.
- 14) Approximate coal seam depths:        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	11 3/4				X	40'			Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	CW	20	X		1200'	1200'	To Surface	<u>MICHAEL</u>
Production	4 1/2	ERW	10.5	X			5300'	2000' Fill	Depths set
Tubing								Up	
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-085-7219 Date November 21, 19 84  
 Expired Permit Number 47-085-6517

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 November 21, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <u>✓</u>	Plat:	Casing	Fee
<u>147</u>	<u>MW</u>	<u>MW</u>	<u>MW</u>	<u>670</u>

Margaret J Hassel  
 Administrator, Office of Oil and Gas





RECEIVED  
OCT 18 1984

OFFICE USE ONLY

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

1) Date: October 19 84  
 2) Operator's Well No.: 47-185-7219  
 3) API Well No.: 47-185-7219  
 State: \_\_\_\_\_ County: \_\_\_\_\_

4) WELL OPERATOR: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_

5) LOCATION: \_\_\_\_\_  
 District: \_\_\_\_\_  
 County: \_\_\_\_\_

6) DESIGNATED AGENT: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_

7) DRILLING CONTRACTOR: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_

8) OIL & GAS INSPECTOR TO BE NOTIFIED: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_

9) PROPOSED WELL WORK: Drill  / Re-drill  / Plug off old formation  / Perforate new formation  / Other physical change in well capacity

10) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_  
 Estimated depth of completed well: \_\_\_\_\_ feet  
 Approximate depth: \_\_\_\_\_ feet  
 Approximate coal seam depth: \_\_\_\_\_ feet

11) CASING AND TUBING PROGRAM

Casing or Tubing Type	Size	Grade	Applications		Footage Intervals	Elemental Sulfur or Sulfide (Grain Feet)	Packers
			Weight per Ft.	Length			
Production	4 1/2	STX	10.2	X	300'		
Intermediate	3 5/8	CT	20	X	1500'		
Casing	2 3/4	X			40'		

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason:	Bond	Agent	Plan	Casing	Fee

05/10/2024





DATE May 12, 1983

WELL NO. S 110-1

State of West Virginia API NO. 47-085-7219

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Gene Stalnaker, Inc. DESIGNATED AGENT Gene Stalnaker  
 Address P.O. Box 178, Glenville, WV 26351 Address P.O. Box 178, Glenville, WV 26351  
 Telephone 304-462-5701 Telephone 304-462-5701  
 LANDOWNER Hale F. Langford SOIL CONS. DISTRICT Little Kanawha  
 Revegetation to be carried out by Gene Stalnaker, Inc. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-19-83  
 (Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD		LOCATION
Structure	<u>DRAINAGE DITCH (A)</u>	Structure <u>Diversion Ditch (1)</u>
Spacing	<u>N/A</u>	Material <u>EARTHEN</u>
Page Ref.	Manual <u>2-12</u>	Page Ref. Manual <u>2-12</u>
Structure	<u>CROSS DRAIN (B)</u>	Structure <u>Sediment Barrier (2)</u>
Spacing	<u>AS REQUIRED PER GRADE</u>	Material <u>LOGS or STONE</u>
Page Ref.	Manual <u>2-1</u>	Page Ref. Manual <u>2-16</u>
Structure	<u>(C)</u>	Structure <u>(3)</u>
Spacing		Material <u></u>
Page Ref.	Manual <u></u>	Page Ref. Manual <u></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 & II		<del>Treatment Area III</del>
Lime	<u>Tons/acre</u>	Lime <u>Tons/acre</u>
or correct to pH	<u>6.5</u>	or correct to pH <u></u>
Fertilizer	<u>600 lbs/acre</u>	Fertilizer <u>lbs/acre</u>
	<u>(10-20-20 or equivalent)</u>	<u>(10-20-20 or equivalent)</u>
Mulch	<u>Hay 2 Tons/acre</u>	Mulch <u>Tons/acre</u>
Seed*	<u>KY-31 35 lbs/acre</u>	Seed* <u>lbs/acre</u>
	<u>Ladino Clover 5 lbs/acre</u>	<u>lbs/acre</u>
	<u>lbs/acre</u>	<u>lbs/acre</u>

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

PLAN PREPARED BY SMITH LAND SURVEYING

05/10/2024

ADDRESS 111 South Street

Glenville, WV 26351

PHONE NO. 304-462-5634

NOTES: Please request landowner's consent to protect new seedlings one growing season. Attach these sheets as needed in comments.



TEACH OR PHOTOCOPY SECTION OF  
 INVOLVED TOPOGRAPHIC MAP.  
 QUADRANGLE PULLMAN 7.5'

LEGEND

Well Site  $\oplus$

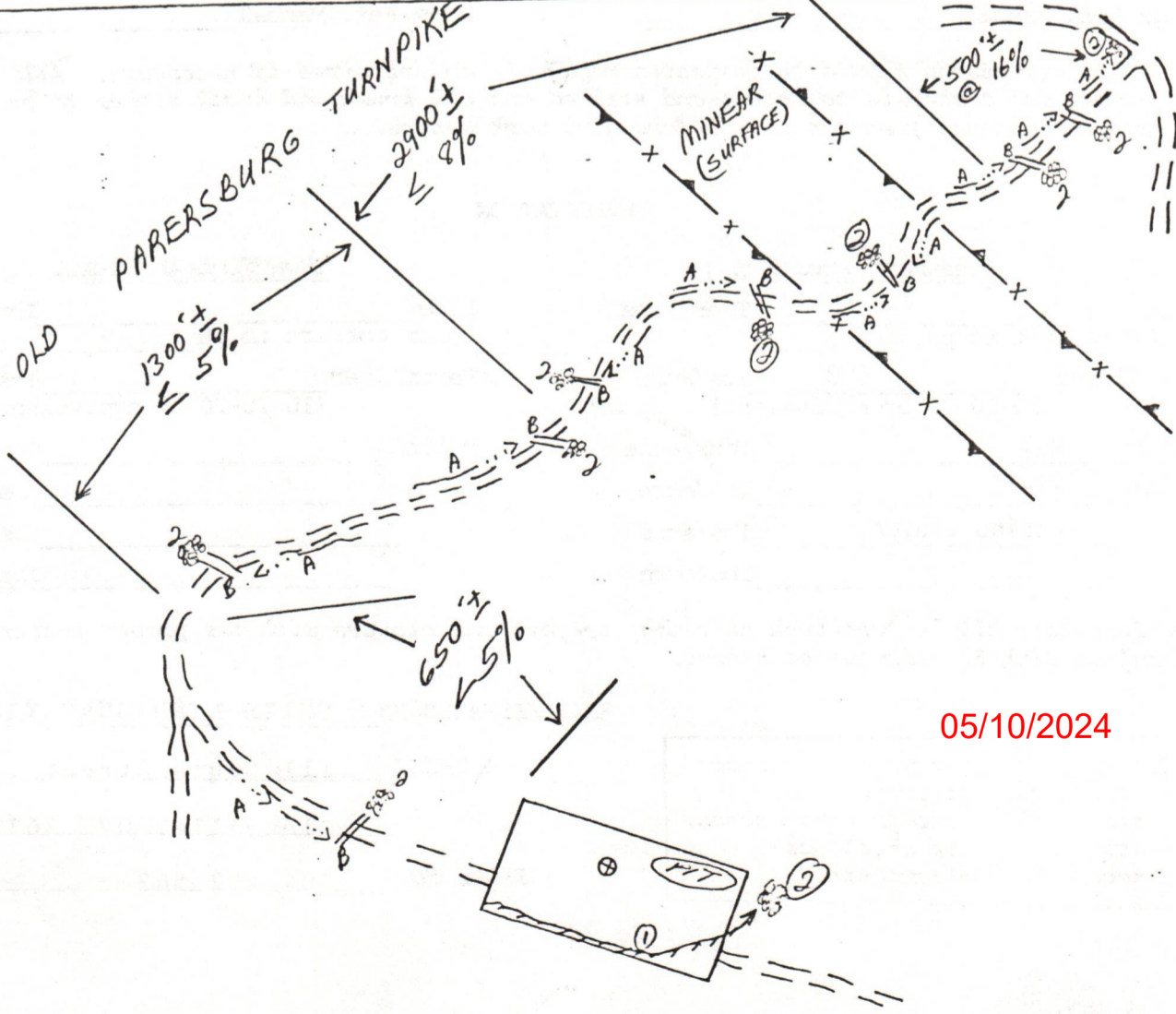
Access Road

WELL SITE PLAN

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

LEGEND

<p>Property boundary </p> <p>Road </p> <p>Existing fence </p> <p>Planned fence </p> <p>Stream </p> <p>Open ditch </p>	<p>Diversion </p> <p>Spring </p> <p>Wet spot </p> <p>Building </p> <p>Drain pipe </p> <p>Waterway </p>
---	--



05/10/2024





#110-1

05/10/2024

OXFORD 1 MI.  
UNION (VIA U.S. 50) 13 MI.

270,000  
FEET

4339

12'30"

4340

4341

4342

4343



RECEIVED

MAY 27 1883

OIL & GAS DIVISION  
DEPT. OF MINES



05/10/2024



1) Date: October 5, 1984  
2) Operator's  
Well No. Langford S-110-1  
3) API Well No. 47-085-7219  
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 Hale Langford  
Address Pullman, WV  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
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  
Gene Stalnaker  
this 5 day of October, 19 84.  
My commission expires August 6, 19 92.  
Steven B. Dauffee  
Notary Public, Gilmer County,  
State of West Virginia

WELL OPERATOR Gene Stalnaker, Inc.  
By Gene Stalnaker  
Its President  
Address P.O. Box 178  
Glenville, WV 26351  
Telephone (304) 462-5701

05/10/2024



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.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E ( S ) A N D O T H E R C O N T I N U I N G C O N T R A C T ( 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>
------------------------------	------------------------------	----------------	------------------

EXPIRED PERMIT NUMBER

47-085-6517

05/10/2024



1) Date: October 5 1984  
 2) Operator's Well No. Langford S-110-1  
 3) API Well No. 47 State County Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OFFICE OF OIL & GAS

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A. Oil \_\_\_ / Gas X /  
 B. (If "Gas", Production \_\_\_ / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X /  
 5) LOCATION: Elevation: 1103 Watershed White Oak of South Fork of Hughes River  
 District: Union County: Ritchie Quadrangle: Pullman 7.5  
 6) WELL OPERATOR Gene Stalnaker, Inc. 7) DESIGNATED AGENT Gene Stalnaker  
 Address P.O. Box 178 Address P.O. Box 178  
Glenville, WV 26351 Glenville, WV 26351  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Sam Hersman Name Gene Stalnaker, Inc.  
 Address Box 66 Smithville, WV Address P.O. Box 178  
477-3597 Glenville, WV 26351  
 10) PROPOSED WELL WORK: Drill X / Drill Deeper \_\_\_ / Redrill \_\_\_ / Stimulate \_\_\_ /  
 Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_  
 11) GEOLOGICAL TARGET FORMATION, Marcellus  
 12) Estimated depth of completed well (or actual depth of existing well), 5300 feet  
 13) Approximate water strata depths: Fresh, 160 feet; salt, --- feet.  
 14) Approximate coal seam depths: ----- 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	11 3/4				X	40'				Kinds
Fresh water										
Coal										Sizes
Intermediate	8 5/8	CW	20	X		1200'	1200'	To Surface		
Production	4 1/2	ERW	10.5	X			5300'	2000' Fill		Depths set
Tubing								Up		
Liners										Perforations:
										Top Bottom

EXPIRED PERMIT NUMBER 47-085-6517

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 (or less than 5 days if the Application is to plug a well), 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 for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-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: \_\_\_\_\_

Hale J. Langford Date: 10/4/84  
 (Signature)

By \_\_\_\_\_

\_\_\_\_\_  
 (Signature) Date: \_\_\_\_\_

Its \_\_\_\_\_ Date: \_\_\_\_\_

05/10/2024



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.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

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 Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, WV 25311  
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an 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 under 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 personally served or mailed to you 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. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) You may call the Administrator'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 any time.

Comments must be in writing. Your comments should include your name, address and phone 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 attach 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 Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator 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 Administrator.

List of Water Testing Laboratories. The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

05/10/2024



THIS AGREEMENT, made and entered into the 28th day of June 19\_\_ between Maie F. Langford

part of the first part, hereinafter called Lessors, whether one or more, and Gene Stalaker

party of the second part, hereinafter called Lessee; Dollars (\$ 100)

WITNESSETH, that the said Lessors, for and in consideration of the sum of ONE Dollars (\$ 100) to them in hand well and truly paid by said Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements herein-after contained on the part of the said Lessee, to be paid, kept and performed, leased and let and by these presents do grant, demise, lease and let, with covenants of quiet possession, and that they have the sole right so to grant and demise, unto the said Lessee, its successors and assigns, for the purpose of mining and operating for oil, gas and casinghead gas, and of building tanks, stations, power plants, water stations and structures thereon to take care of the said products, and of laying pipelines on, over and across the leased premises and other lands of Lessors, for the purpose of conveying oil, gas, casinghead gas, steam or water therein from and to wells and pipe lines on the premises and on adjoining and adjacent farms, and rights of way for road ways over this and other land of Lessors, Ritchie District of Union County and State of W.Va, on the waters of White Oak

all that certain tract of land situate in Union District of Ritchie County and State of W.Va, on the waters of White Oak, bounded as follows:

On the North by lands of \_\_\_\_\_  
On the East by lands of \_\_\_\_\_  
On the South by lands of \_\_\_\_\_  
On the West by lands of \_\_\_\_\_ containing 22 1/4 acres, more or less, being land purchased from \_\_\_\_\_, and recorded in Deed Book No. 177, at page 503, reserving, however, the from all lands within two hundred (200) feet of the resident buildings now on the premises on which no well shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for the term of 6 months (6 months) years from this date and as long thereafter as operations for oil and gas purposes are being conducted on the premises, or oil or gas is found in paying quantities thereon by the said Lessee, its successors and assigns. "Operations" as used herein shall be deemed to be commenced when the first material or equipment is placed on the leased premises or when the first work, other than surveying or staking the location, is done thereon which is necessary for such operations. In consideration of the premises, the said party of the second part covenants and agrees: First, to deliver monthly to the credit of the Lessors, their heirs or assigns, free of cost, in the pipeline to which Lessee may connect its wells, Lessors' proportionate share of the equal one-eighth (1/8th) part of all oil produced and saved from the leased premises; and second, to pay monthly Lessors' proportionate share of the one-eighth (1/8th) of the value at the well of the gas from each and every gas well drilled on said premises, the product from which is marketed and used off the premises, said gas to be measured at a meter set on the farm, and to pay monthly Lessors' proportionate share of the one-eighth (1/8th) of the net value at the factory of the gasoline and other gasoline products manufactured from casinghead gas. The Lessee shall not be required in any event to increase the rate of said gas well or casinghead gas payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by Lessors or their predecessors in title or otherwise. And any such outstanding royalty or interest shall first be deducted from the royalties and rentals above provided to be paid or delivered.

If (and only if) Lessors or any third party claiming under Lessors are entitled to receive free gas, whether by virtue of the ownership of the surface of the leased premises and all the oil and gas underlying the same; of the surface of the leased premises and an undivided interest in the oil and gas underlying the same; or of the surface of the leased premises and the express record right to receive free gas, then Lessors or said third party may lay a line to any well producing gas only on said land, and take gas produced from said well for his own use on said land at their own risk, subject to the use, operation, pumping and right of abandonment of the well by the Lessee; the first two hundred thousand (200,000) cubic feet of gas so taken in each year shall be free, but all gas in excess of two hundred thousand (200,000) cubic feet taken in each year shall be paid for by the Lessors or such third party at the same rate at which Lessee sells the remaining gas from said well to other third parties, which rate may vary from time to time, and measurement and regulation shall be by meter and regulators set at the tap on the well. This privilege is upon condition that the Lessors or such third party shall use said gas with economy, in safe and proper pipes and appliances, and shall subscribe to and be bound by reasonable rules and regulations of the Lessee at such time relating to such use of gas. Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion on the farm. And it is agreed that the leased premises may be fully and freely used by the Lessors for farming purposes, excepting such parts as are used by the Lessee in operating hereunder, and further, that the said Lessee may drill or not drill on said land, as it may elect, and that the consideration and rentals paid and to be paid constitute adequate compensation for such privilege. It is agreed that the Lessee is to have the privilege of using, free, sufficient water and gas from the leased premises to run all machinery necessary for drilling and operating thereon at any time and to remove all machinery and fixtures on the leased premises. Lessee shall pay for damages caused by its operations to growing crops on said lands, and when requested by Lessor, shall bury its pipelines below plow depth.

The said Lessee covenants and agrees to pay rental at the rate of \_\_\_\_\_ Dollars annually in advance, beginning in \_\_\_\_\_ ( ) months from this date, until, but not after, a well yielding royalty to the Lessors is drilled on the leased premises, and all rentals shall cease after the surrender of this lease as hereinafter provided for. During any period (whether before or after expiration of the primary term hereof) where there is an oil or gas well on the leased premises capable of producing oil or gas in paying quantities and oil or gas is not being sold or used and the well or wells are shut-in and there is no current production of oil or gas or operations on the leased premises or any portion thereof sufficient to keep this lease in force, Lessee shall be obligated to pay or tender as shut-in royalty an amount (which shall be the same and shall be paid regardless of the number of shut-in wells) for each three (3) month period equal to one-quarter (1/4) of the annual delay rental as hereinaabove provided, and it will be considered that oil or gas is produced for all purposes of this lease during any period that such well or wells are so shut-in. Said shut-in royalty for the first three (3) month period shall be payable within forty-five (45) days following shutting in of all wells, and paying for each subsequent three (3) month period shall be payable on or before the beginning date of each subsequent three (3) month period. Lessee shall use reasonable diligence to market oil or gas capable of being produced from such shut-in well or wells but shall be under no obligation to market such gas under terms, conditions or circumstances which, in Lessee's judgment exercised in good faith, are unsatisfactory.

If Lessors own a less interest in the above-described land then the undivided fee simple estate thereon, then the royalties and rentals herein provided shall be paid to Lessors only in the proportion which their interest bears to the whole and undivided fee. 1. Well holds formations to depth drilled and produced  
2. Reserves 1/2 overriding royalty of 2/8  
3. Land owner and operator will agree on location of Well, roads and pipelines. permission after Oct 31st  
4. Drilling with landowners permission  
5. Free gas on or off lease, unlimited









IV-35  
(Rev 8-81)

Date October 2, 1985  
Operator's  
Well No. S-110-1  
Farm Langford  
API No. 47 - 085 - 7219

State of West Virginia  
Department of Mines  
Oil and Gas Division

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

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

LOCATION: Elevation: 1103 Watershed White Oak of S.F. of Hughes River  
District: Union County Ritchie Quadrangle Pullman 7.5

COMPANY Gene Stalnaker, Inc.  
ADDRESS P.O. Box 178 Glenville, WV  
DESIGNATED AGENT Gene Stalnaker  
ADDRESS P.O. Box 178 Glenville, WV  
SURFACE OWNER Hale Langford  
ADDRESS Pullman, WV  
MINERAL RIGHTS OWNER Hale Langford  
ADDRESS Pullman, WV  
OIL AND GAS INSPECTOR FOR THIS WORK Sam Hersman  
ADDRESS Box 66 Smithville, WV

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
*11 3/4 13 1/8	45	30	None
9 5/8			
8 5/8	1300	1211.65	265 sks.
7			
5 1/2			
4 1/2	5510	5436.15	740 sks
3			
2			
Liners used			

PERMIT ISSUED November 21, 1984  
DRILLING COMMENCED March 25, 1985  
DRILLING COMPLETED March 31, 1985

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

GEOLOGICAL TARGET FORMATION Alexander Depth 5248-5318 feet  
Depth of completed well 5346.15 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 90 & 300 feet; Salt None feet  
Coal seam depths: n/a Is coal being mined in the area? No

OPEN FLOW DATA Speechly, Balltown  
Producing formation Riley, Benson, Alexander Pay zone depth 3834-5310 feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 982 Mcf/d Final open flow Show Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure 1300 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

(Continue on reverse side)

RIT  
7219



DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.					
Stage 1	5196.5-5310	12 Holes	40,000# 20/40 Sand	74,200 Cu Ft. N <sub>2</sub>	499 bbl H <sub>2</sub> O
Stage 2	4539-5004.5	12 Holes	30,000# 20/40 Sand	63,000 Cu. Ft. N <sub>2</sub>	433 bbl H <sub>2</sub> O
Stage 3	4194-4342	11 Holes	40,000# 20/40 Sand	75,000 Cu. Ft. N <sub>2</sub>	493 bbl H <sub>2</sub> O
Stage 4	3834-4017.5	14 Holes	29,500# 20/40 Sand	66,000 Cu. Ft. N <sub>2</sub>	510 bbl H <sub>2</sub> O

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Fill			0	10	
Sandstone & Shale			10	500	
Sandstone & Shale			500	1000	
Sandstone & S..ale			1000	1220	
Siltstone			1220	1535	
Sandstone			1535	1596	
Shale			1596	1615	
Sandstone			1615	1685	
Shale			1685	1706	
Sandstone			1706	1731	
Shale			1731	1787	
Sandstone			1787	1864	
Shale			1864	1910	
Maxon			1910	1931	
Siltstone			1931	1960	
Shale			1960	2011	
Limey Sandstone			2011	2053	
Big Lime			2053	2142	
Big Injun			2142	2170	
Shale			2170	2381	
Wier			2381	2454	
Shale			2454	2550	
Berea			2550	2553	
Shale			2553	2955	
Gordon			2955	2960	
Shale			2960	3445	
Warren			3445	3529	
Shale			3529	3888	
Speechly			3888	3935	
Shale			3935	4132	
Balltown			4132	4226	
Shale			4226	4336	
First Riley			4336	4346	
Shale			4346	4542	
Second Riley			4542	4550	
Shale			4550	4853	
Benson			4853	4983	
Shale			4983	5248	
Alexander			5248	5318	
Shale			5318	5510	

(Attach separate sheets as necessary)

Gene Stalnaker, Inc.  
Well Operator  
By:      05/10/2024 Consultant  
Date: October 2, 1985

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."



RECEIVED

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES APR 2 - 1985  
OIL AND GAS WELLS DIVISION OIL & GAS DIVISION

DEPT. OF MINES  
INSPECTOR'S WELL REPORT

Permit No. 085-7219

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>GENE STALNAKER</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>HAIR Langford</u>	16			Kind of Packer _____
Well No <u>S-110-1</u>	13			
District <u>Union</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>05 5/8</u> SIZE <u>12 1/4</u> No. FT. <u>3-27-85</u> Date			
Fresh water <u>1 1/2</u> <u>Damp</u> <u>at</u> <u>90'</u> <u>1300'</u> feet	NAME OF SERVICE COMPANY <u>HALL BARTON 265-SK</u>			
Salt water _____ feet	COAL WAS ENCOUNTERED AT <u>120</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names GENE STALNAKER - Rig 7 - Bobby Mitchell

Remarks: Rig Report

Visit Rig - 1910' AND Dusty - Blown Dust EVER WHERE I got on them and made them put water on flow line. ON-3-27-85 - T.O. 10 5/8" at 1271' and run pipe

3-28-85  
DATE

Mitchell  
05/10/2024  
DISTRICT WELL INSPECTOR







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

RECEIVED  
APR 2 - 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT  
PT. OF MINES

Permit No. 85-7219

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Hens Stalnaker Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Hale F. Langford</u>	16			Kind of Packer _____
Well No. <u>S-110-1</u>	13			
District <u>Union</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>3-25-85</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: Rig # 7 Hens Stalnaker Tool Pusher Bobby Mitchel  
visit - starting to run 8 5/8 casing  
to run 1210 foot of 8 5/8" casing (NEW)  
Halliburton to run 265 sacks cement

3-27-85  
DATE

Samuel N. Heron  
DISTRICT WELL INSPECTOR

















STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
Charleston, West Virginia 25311

ARCH A. MOORE, JR.  
Governor

Commissioner

This is to acknowledge that the wells listed on the reverse of this form are hereby transferred from Gene Stalnaker, Inc. (the transferor) to Envirocorp Inc. (the transferee).

The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22B, Article 1 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells.

The transferee's designated agent (name) Michael L. Bray - Steptoe & Johnson, (address) Union National Center East, Clarksburg, WV 26301, is on file with the Division of Oil and Gas.

The transferee has bonded the said wells by securities, cash, or surety (circle one) bond identified below by amount, effective date, issuing authority, and any identifying number. Fifty Thousand Dollar (\$50,000.00) blanket bond Number M01101511, effective October 1, 1985, Insurance Company of North America

(Transferee) Envirocorp Inc.  
By Alan J. Laurita  
Its Vice President - Land

Taken, subscribed and sworn to before me this 18th day of November, 1985

Notary Public Bambi L. Bull

My commission expires March 30, 1986

BAMBI L. BULL  
NOTARY PUBLIC IN THE STATE OF NEW YORK  
QUALIFIED IN CHAUT. CO. NO. 4732064  
MY COMMISSION EXPIRES MARCH 30, 1986

(Transferor) Gene Stalnaker, Inc.  
By Gene Stalnaker  
Its President

Taken, subscribed and sworn to before me this 28 day of October, 1985

Notary Public Barbara C. Smith

My commission expires 9 November, 1992

ACCEPTED THIS 3rd DAY OF Dec, 1985  
BY: [Signature]  
Director - Division of Oil and Gas







IR-26  
Obverse

*formerly  
Gene Stalraker*

INSPECTOR'S PERMIT SUMMARY FORM

DEPARTMENT OF ENERGY  
OIL AND GAS

11-21-84

WELL TYPE \_\_\_\_\_  
ELEVATION 1103  
DISTRICT UNION  
QUADRANGLE PULLMAN 7.5  
COUNTY RITCHIE

API# 47-085-7219  
OPERATOR ENVIROCORP, INC  
TELEPHONE \_\_\_\_\_  
FARM HALE F. LANGFORD  
WELL # S-110-1

JUN 17 1986

SURFACE OWNER \_\_\_\_\_ COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_  
DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED \_\_\_\_\_ DRILLING COMMENCED 3-25-85

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

CASING

Ran 1211 feet of 8 5/8" "pipe on 3-27-85 with 265 SACKS fill up  
Ran 5426 feet of 4 1/2" "pipe on 3-31-85 with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
TD 5492 feet on 3-31-85

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_  
Field analysis \_\_\_\_\_ ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_  
Well Record received \_\_\_\_\_

Date Released 6-13-86

*Samuel A. Hersman*  
Inspector's signature

05/10/2024



API# 47 085 - 7219

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	3-21-85		Rig trying to move on site	
2	3-27-85		Run casing	
3	6-13-86		Make Final Inspection	
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

RECORDED  
DEPARTMENT OF ENERGY  
OIL AND GAS

JUN 17 1986

Notes



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

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 085 - 7219 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	5310 feet			
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Gene Stalnaker, Inc.			
	Name P.O. Box 178		Seller Code	
	Street Glenville,		WV	26351
	City	State	Zip Code	
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	White Oak			
	Field Name Ritchie		WV	
	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.)	Langford S-110-1			
(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.)	Consolidated Gas Transmission			
	Name			Buyer Code
(b) Date of the contract:	Date of Lease:			
	Mo.	Day	Yr.	
(c) Estimated total annual production from the well:	15 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			
9.0 Person responsible for this application:	Gene Stalnaker			President
	Name			Title
	<i>Gene Stalnaker</i>			
	Signature			
	Oct. 2, 1985			(304) 462-5701
	Date Application is Completed			Phone Number

Agency Use Only  
Date Received by Juris. Agency  
**OCT - 4 1985**  
Date Received by FERC



APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)  
(Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 271.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Use the codes in the table below for type of determination in item 2.

Section of NGPA (a)	Category Code (b)	Description (c)
102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS lease
103	-	New unshore production well
107	0	Deep (more than 15,000 feet) high cost gas
107	1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	3	Gas produced from Devonian shale
107	5	Production enhancement gas
107	5	New tight formation gas
107	7	Recompletion tight formation gas
108	0	Stripper well
108	1	Stripper well - seasonally affected
108	2	Stripper well - enhanced recovery
108	3	Stripper well - temporary pressure buildup
108	4	Stripper well - protest procedure

Enter the appropriate information regarding other Purchasers/Contracts:

Line No.	Contract Date (Mo., Da., Yr.) (a)	Purchaser (b)	Buyer Code (c)
1		Consolidated Gas Transmission	
2			
3			
4			
5			
6			

Remarks:

05/10/2024



OCT 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Oct. 2, 19 85

46925

Agency Use Only

Applicant's Name: Gene Stalnaker, Inc.

WELL DETERMINATION FILE NUMBER

Address: P.O. Box 178

851004-1030-085-7219

Glenville, WV 26351

Gas Purchaser Contract No.

Use Above File Number on all Communications Relating to this well

Date of Contract:

(Month, Day and Year)

9620

First Purchaser: Consolidated Gas Transmission

Designated Agent: Gene Stalnaker

Address: 445 West Main Street

Address: P.O. Box 178

Clarksburg, WV 26301

Glenville, WV 26351

FERC Seller Code

FERC Buyer Code

Name and Title of Person To Whom Questions Concerning this Application Shall Be Addressed:

Name: Gene Stalnaker  
(Print)

President  
(Title)

Signature: Gene Stalnaker

Address: P.O. Box 178  
(Street or P.O. Box)

Glenville WV 26351  
(City) (State) (Zip Code)

Telephone: 304 462-5701  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For:

NGPA Section/Subsection

- 102 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 Build up

103 New Onshore Production Well

XXX 103 New Onshore Production Well

107 High Cost Natural Gas

AGENCY USE ONLY

- 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

QUALIFIED 05/10/2024

RECEIVED  
OCT - 4 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date



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

Operator's Well No. S-110-1  
API Well No. 47 - 085 - 7219  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Gene Stalnaker  
ADDRESS P.O. Box 178  
Glenville, WV 26351

WELL OPERATOR Gene Stalnaker, Inc.  
ADDRESS P.O. Box 178  
Glenville, WV 26351

LOCATION: Elevation 1103  
Watershed White Oak of S. F. of Hughes Riv  
Dist. Union County Ritchie Quad. Pullman 7

GAS PURCHASER Consolidated Gas Trans  
ADDRESS 445 W. Main St.  
Clarksburg, WV 26301

Gas Purchase Contract No. \_\_\_\_\_  
Meter Chart Code \_\_\_\_\_  
Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling was begun: March 25, 1985

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

SEE ATTACHED !!!

AFFIDAVIT

I, Gene Stalnaker, 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 was 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.

*Gene Stalnaker*

STATE OF WEST VIRGINIA,

COUNTY OF Gilmer, TO WIT:

I, Barbara C. Smith, a Notary Public in and for the state and county aforesaid, do certify that Gene Stalnaker whose name is signed to the writing above, bearing date the 2 day of October, 1985, has acknowledged the same before me in my county aforesaid. Given under my hand and official seal this 2 day of October, 1985. My term of office expires on the 9 day of November, 1992.

[NOTARIAL SEAL]

*Barbara C. Smith*  
Notary Public



CALCULATION OF BOTTOM HOLE PRESSURE

$$p_f = P_{we} \quad (\text{XGLS})$$

WELL NAME Langford S-110-1

WHERE:

$P_f$  = shut-in formation pressure (psia)

$P_w$  = pressure at the wellhead (psia)

$e$  = napierian logarithm base (2.71828)

$G$  = specific gravity of gas (.70)

$L$  = length of casing to mid-point of the perforations (feet)

$S$  = supercompressibility of gas at the mean temperature and pressure (.78)

$$X = \frac{1}{53.34T} \quad \text{where } T = \text{average wellhead and bottom hole temperature } (95^\circ + ^\circ R)$$

$$P_f = 1300 e^{(.0000334 \times .70 \times 4572 \times .78)}$$

$$P_f = 1300 e^{(.0834)}$$

$$P_f = 1300 (1.087)$$

$$P_f = 1413\#$$



