



1) Date: 20 December, 1983
 2) Operator's Well No. G. Nestor # 1
 3) API Well No. 47 - 001 - 2011
 State County Permit

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

- 4) WELL TYPE: A Oil XXXX / Gas XXXX /
 B (If "Gas", Production XXXX / Underground storage / Deep / Shallow XXXX /)
- 5) LOCATION: Elevation: 1720' Watershed: Brushy Fork
 District: Cove County: Barbour Quadrangle: Nestorville 7.5
- 6) WELL OPERATOR Fox Drilling Co. Inc
 Address P.O. Box 129
Glennville, WV 26351
- 7) DESIGNATED AGENT Robert E. Fox
 Address P.O. Box 129
Glennville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address Ellamore WV
636-8798
- 9) DRILLING CONTRACTOR:
 Name Fox Drilling Co. Inc.
 Address P.O. Box 129
Glennville, WV 26351
- 10) PROPOSED WELL WORK: Drill XXXX / Drill deeper / Redrill / Stimulate X
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Fox Sand
- 12) Estimated depth of completed well, 5800 feet
- 13) Approximate strata depths: Fresh, 90/ 120 feet; salt, feet.
- 14) Approximate coal seam depths: 180 Is coal being mined in the area? Yes No XXXX

RECEIVED
 DEC 22 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

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"	API	43	X		80'	80'	To Surf	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8"	J55	23	X		900'	900'	To Surf	by rule 15.05
Production	4 1/2"	J55	10.5	X			5800'	900 sks	Depths set
Tubing									or as req. by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-2011

December 23, 1983
 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 December 23, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
	<u>ls</u>	<u>MH</u>	<u>MH</u>	<u>8650</u>

Margaret J Hassel
 Administrator, Office of Oil and Gas

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

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
OFFICE USE ONLY

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

1) LOCATION: 8 Oil Gas Production
 Elevation: 1750'
 District: Cove
 County: Boone

2) WELL OPERATOR: Fox Drilling Co., Inc.
 Address: 200 Box 422
 Glenville, WV 26029

3) DESIGNATED AGENT: Robert S. Fox
 Address: 200 Box 422
 Glenville, WV 26029

4) DRILLING CONTRACTOR: Fox Drilling Co., Inc.
 Address: 200 Box 422
 Glenville, WV 26029

5) PROPOSED WELL WORK:
 Drill: 1/2" Drill
 Rebit: Stimulating
 Other physical change in well (penetration):
 Plug off old formation
 Before new formation

6) GEOLOGICAL TARGETFORMATION:
 Estimated depth of completed well: 300'
 Approximate gas depths: Fresh
 Approximate coal seam depths: 100'

7) CASING AND TUBING PROGRAM:
 Casing or Tubing Type: 3 1/2" API 23
 Size: 3 1/2"
 Weight: 23
 Grade: X
 New Used: X

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: _____
 Reason: _____

Agent	Plate	Casing	Fee

SURFACE OWNER'S COPY



1) Date: 20 December, 1983
 2) Operator's Well No. G. Nestor # 1
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 State County Permit

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

- 4) WELL TYPE: A Oil XXXX / Gas XXXX
 B (If "Gas", Production XXXX / Underground storage XXXX / Deep XXXX / Shallow XXXX)
- 5) LOCATION: Elevation: 1720' Watershed: Brushy Fork
 District: Cove County: Barbour Quadrangle: Nestorville 7.5
- 6) WELL OPERATOR Fox Drilling Co. Inc. 7) DESIGNATED AGENT Robert E. Fox
 Address P.O. Box 129 Address P.O. Box 129
Glenville, WV 26351 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Fox Drilling Co. Inc.
 Address Ellamore WV Address P.O. Box 129
636-3798 Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill XXXX / Drill deeper XXXX / Redrill XXXX / Stimulate XXXX
 Plug off old formation XXXX / Perforate new formation XXXX
 Other physical change in well (specify) XXXX
- 11) GEOLOGICAL TARGET FORMATION, Fox Sand
 12) Estimated depth of completed well, 5800 feet
 13) Approximate strata depths: Fresh, 90/120 feet; salt, XXXX feet.
 14) Approximate coal seam depths: 180 Is coal being mined in the area? Yes XXXX / No XXXX
- 15) CASING AND TUBING PROGRAM

RECEIVED
 DEC 22 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

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		Kinds	Sizes
Conductor	11 3/4" API		43	X		80'	80'	To Surf		
Fresh water										
Coal										
Intermediate	8 5/8"	J55	23	X		900'	900'	To Surf		
Production	4 1/2"	J55	10.5	X			5800'	900 sks		
Tubing										
Liners										
									Perforations:	
									Top	Bottom

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 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.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)
George N. Nestor Date: 12/20/83
 (Signature)
Cora F. Nestor Date: 12/20/83
 (Signature)

**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 22, Article 4 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 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, West Virginia 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 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 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 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 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.

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

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

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

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

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

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

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
George H. Nestor and Cora J. Nestor, h.w.	Robert E. Fox	1/8	96/528-530

1) Date: 20 December, 1983
2) Operator's Well No. G. Nestor # 1
3) API Well No. 47 - 001 - 2011
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 George H. & Cora F. Nestor 457-1358
Address Star Route
Kasson, WV. 23680

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Eastern Associated Coal Corp.
Address One PPG Place
Pittsburg, Pa15222

Name _____
Address _____

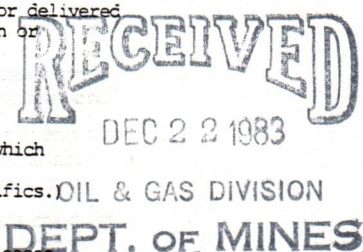
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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
Robert E. Fox

this 20 day of December, 1983.
My commission expires 10 Apr, 1990.

Hubert G. Gilt
Notary Public, Gilmer County,
State of West Virginia

WELL OPERATOR Fox Drilling Co Inc

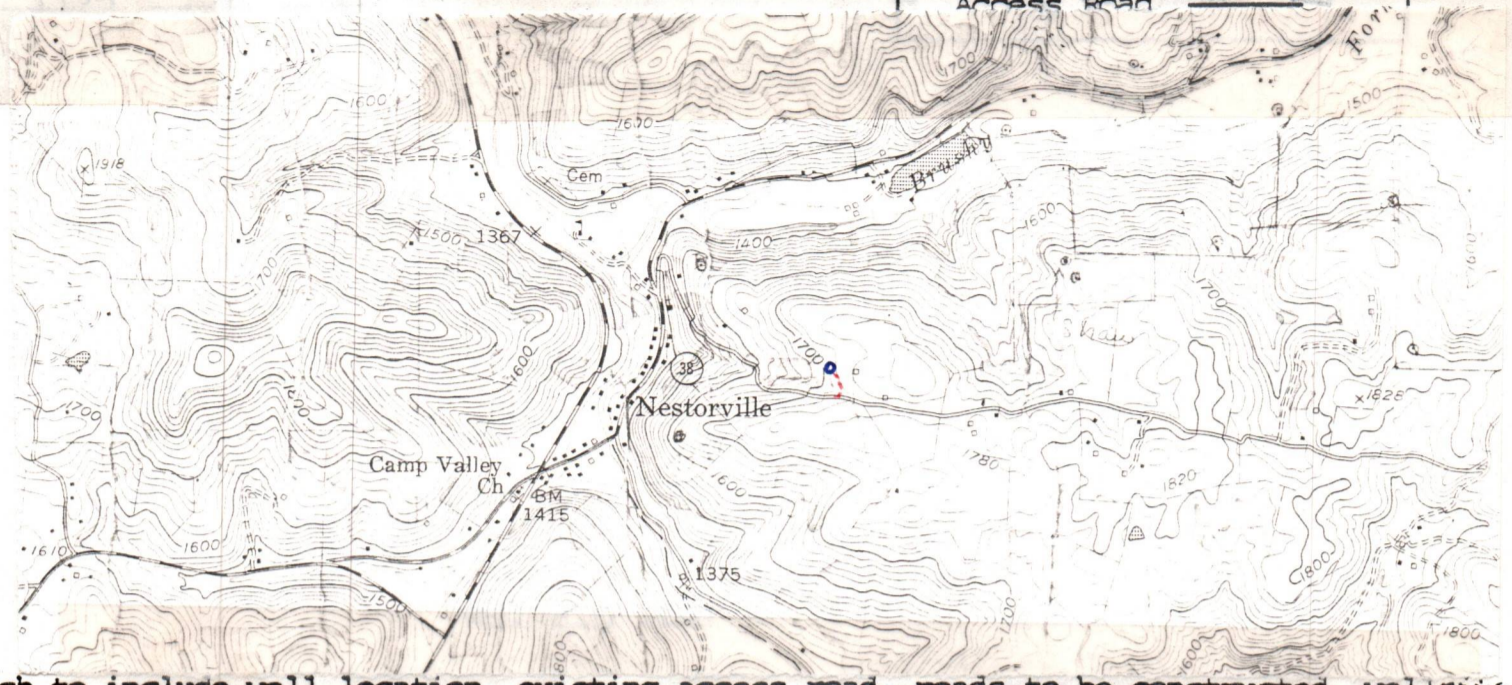
By *Robert E. Fox*
Its PRESIDENT
Address P.O. Box 129
Glenville, WV 26351
Telephone 462-7353

ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Nestorville, 7.5

LEGEND

Well Site ⊕

Access Road ————

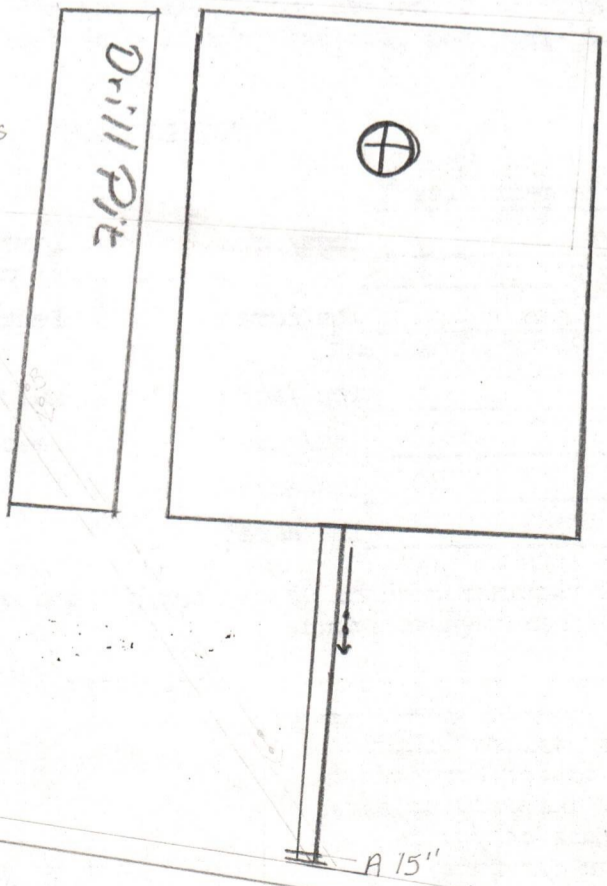


Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

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

1. Top Soil to be Stocked Piled
2. All Cuts Will be 2:1 Slope
3. Grade of Rd to 3% or less

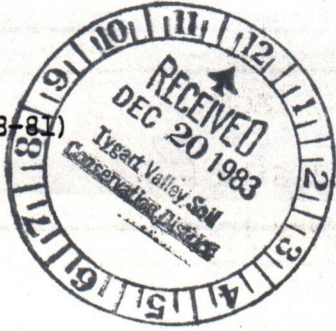


CR 26/11

A 15"

16

IV-9
(Rev 8-81)



DATE 20 December 1983
WELL NO. G. Nestor 1983
API NO. 47 -001 -2011

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Fox Drilling Co. Inc DESIGNATED AGENT Robert E. Fox
Address P.O. Box 129, Glenville, WV 26351 Address P.O. Box 129, Glenville, WV 26351
Telephone 462-7353 Telephone 462-7353
LANDOWNER George H. & Cora F. Nestor SOIL CONS. DISTRICT Tygart Valley
Revegetation to be carried out by Fox Pipeline Const. (Robert E. Fox) (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 20 December 1983 (Date)

Robert E. Fox
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>PIPE</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>15"</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2-8</u>	Page Ref. Manual <u>2-1</u>
Structure <u>V- Ditch</u> (B)	Structure <u></u> (2)
Spacing <u>Parallel to rd.</u>	Material <u></u> OIL & GAS DIVISION
Page Ref. Manual <u>2-15</u>	Page Ref. Manual <u></u> DEPT. OF MINES
Structure <u></u> (C)	Structure <u></u> (3)
Spacing <u></u>	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	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>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2</u> Tons/acre	Mulch <u>Hay</u> <u>2</u> Tons/acre
Seed* <u>Ky 31</u> <u>20</u> lbs/acre	Seed* <u>Ky. 31</u> <u>20</u> lbs/acre
<u>Flatpea</u> <u>20</u> lbs/acre	<u>Flat Pea</u> <u>20</u> lbs/acre
<u></u> lbs/acre	<u></u> lbs/acre

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

Robert E. Fox
PLAN PREPARED BY Fox Drilling Co. Inc

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

ADDRESS P.O. Box 129
Glenville, WV 26351
PHONE NO. 462-7353



1) Date: 20 December, 19 83
 2) Operator's Well No. G. Nestor # 1
 3) API Well No. 47 001
 State County Permit

Warner

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

- 4) WELL TYPE: A Oil / Gas XXXX /
 B (If "Gas", Production XXXX / Underground storage / Deep / Shallow XXXX /)
- 5) LOCATION: Elevation: 1720' / Watershed: Brushy Fork
 District: Cove / County: Barbour / Quadrangle: Nestorville 7.5
- 6) WELL OPERATOR Fox Drilling Co. Inc
 Address P.O. Box 129
Glenville, WV 26351
- 7) DESIGNATED AGENT Robert E. Fox
 Address P.O. Box 129
Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address Ellamore WV
636-8798
- 9) DRILLING CONTRACTOR:
 Name Fox Drilling Co. Inc.
 Address P.O. Box 129
Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill XXXX / Drill deeper / Redrill / Stimulate X /
 Plug off old formation / Perforate new formation /
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CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
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Fresh water										Sizes
Coal										
Intermediate	8 5/8" J55		23	X		900'	900'	To Surf		
Production	4 1/2" J55		10.5	X			5800'	900 sbs		Depths set
Tubing										Perforations:
Liners									Top	Bottom

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 §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator / owner X / 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: Dec 21, 19 83

By Frankuel N. Edley Jr.
 Its Manager of Properties

Coal Owner

8
A9

HOWARD LEE NORRIS
PROFESSIONAL CORPORATION
ATTORNEY AT LAW
3304 S. BROADWAY — SUITE 102
POST OFFICE BOX 7398
TYLER, TEXAS 75711
—
214 - 595-4736

RECEIVED
JUN 17 1985
OIL & GAS DIVISION
DEPT. OF MINES

June 11, 1985

Robert E. Fox
Fox Drilling Company
P.O. Box 129
Glenville, WV 26351

Dear Mr. Fox:

Be advised that Robert E. Fox and Fox Drilling Company have been relieved of all operations in relation to the following wells:

H.R. Marsh No. 2, API No. 47-001-1881 *copy files*
Don Kines No. 1, API No. 47-001-1875
Don Kines No. 2, API No. 47-001-1876
H.R. Marsh No. 1, API No. 47-001-1878
O.R. Satterfield No. 1, API No. 47-049-0742
B.B. Hill No. 2, API No. 47-001-1977
George H. Nestor No. 1, API No. 47-001-2011 ✓
Dorsey A. Clayton No. 2, API No. 47-001-1972
C. Ricottilli No. 2, API No. 47-083-0890

You, your employees and agents shall not go upon the premises nor in any way or manner deal with the wells, wellsites, leases or with any production therefrom.

Inspection of all wells and wellsites is being conducted by our agents and the State Inspector. A complete list of all deficiencies and work not properly completed by you will be furnished to you and your Bonding Company.

Howard Lee Norris
Howard Lee Norris

HLN/trm

A/10

HOWARD LEE NORRIS
PROFESSIONAL CORPORATION
ATTORNEY AT LAW
3304 S. BROADWAY — SUITE 102
POST OFFICE BOX 7398
TYLER, TEXAS 75711
214 - 595-4736

RECEIVED
AUG 5 - 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

July 31, 1985

Mr. Theodore Streit
Administrator, Office of
Oil & Gas Division
1615 Washington St. East
Charleston, WV 25311

Re: B.B. Hill No. 2, API
No. 47-001-1977

File

Dorsey A. Clayton No. 2
API No. 47-001-1972

George H. Nestor No. 1
API No. 47-001-2011

Dear Mr. Streit:

It is my understanding that the above captioned wells have not been released by the State inspector and that remedial work needs to be done. As you undoubtedly know, Fox Drilling Company is not going to respond and apparently is going out of business. I understand that everything is to be auctioned August 13th.

I request that the State make the proper demand upon Fox's bonding company to meet the necessary reclamation.

You would have thought it was Fall here the past three weeks.

Sincerely,

Howard Lee Norris
Howard Lee Norris

HLN/trm

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
 Haverty, 4th Elk-- (5400-5027)---500 Gal HCl, 20 lb Gel System, (40,000, #80-100), (30,000, #20-40),
 420 BBL's Sand Laden Fluid.
 1st Elk, Benson-- (4407-4139)--500 Gal HCl, 20 lb Gel System, (30,000, #80-100), (40,000, #20-40),
 420 BBL's Sand Laden Fluid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand			0	25	
Shale			25	90	
Sand & Shale			90	292	Hole damp @ 170'
Red Rock, Sand, & Shale			292	444	
Coal			444	448	
Red Rock, Sand, & Shale			448	1440	1/2" Strem Fresh Water @ 460'
Big Lime			1440	1600	
Big Injun			1600	1648	
Squaw			1648	1684	
Weir			1795	1904	3" Stream Water @ 1880'
5th Sand			2512	2556	
Bayard			2686	2718	All Gas Checks Negative
Lower Speechly			2974	3010	
Upper Balltown			3076	3105	
Lower Balltown			3266	3292	
3rd Riley			4035	4080	
Benson			4130	4208	
1st Elk			4333	4432	
4th Elk			5024	5055	
Haverty			5006	5438	
Shale			5438	5671	T.D.

(Attach separate sheets as necessary)

Fox Drilling Co. Inc.
 Well Operator

By: *Robert S. Fox* President
 Date: February 7, 1984

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."



Date February 7, 1984
 Operator's Well No. 1 (one)
 Farm G.Nestor
 API No. 47 - 001 - 2011

RECEIVED
 MAR 1 - 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

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 XX / Liquid Injection ___ / Waste Disposal ___ /
 (If "Gas," Production XX / Underground Storage ___ / Deep ___ / Shallow XX /)

LOCATION: Elevation: 1720' Watershed Brushy Fork
 District: Cove County Barbour Quadrangle Nestorville 7.5

OWNER Fox Drilling Co. Inc.
 ADDRESS P.O.Box 129 Glenville, W.V. 25361
 DESIGNATED AGENT Robert E. Fox
 ADDRESS P.O.Box 129 Glenville, W.V. 25361
 SURFACE OWNER George & Cora Nestor
 ADDRESS Star Rt. Kaason, W.V. 23680
 MINERAL RIGHTS OWNER Same
 ADDRESS Same
 OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracy
 ADDRESS Elkins, W.V. 26241
 PERMIT ISSUED 12-23-83
 DRILLING COMMENCED 1-11-84
 DRILLING COMPLETED 1-18-84
 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
18-10"			
9 5/8			
8 5/8	1016'	1016'	240 SKS
7			
5 1/2			
4 1/2		5518'	625 SKS
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Fox Sand Depth 5600 feet
 Depth of completed well 5750 feet Rotary XX / Cable Tools
 Water strata depth: Fresh 170,460,1880 feet; Salt ___ feet
 Coal seam depths: 444 Is coal being mined in the area? No

WELL FLOW DATA
 Producing formation Haverty, 4th Elk Pay zone depth See Treatment feet
 Gas: Initial open flow 0 Mcf/d Oil: Initial open flow --- Bbl/d
 Final open flow 840 Mcf/d Final open flow --- Bbl/d
 Time of open flow between initial and final tests 4 hours
 Static rock pressure 1250 psig (surface measurement) after 48 hours shut in
 (If applicable due to multiple completion--)
 Second producing formation 1st Elk, Benson Pay zone depth See Treatment feet
 Gas: Initial open flow --- Mcf/d Oil: Initial open flow --- Bbl/d
 Final open flow Commingled 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)

GAK 2011

B3

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

RECEIVED
AUG 30 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2011

Oil or Gas Well _____
(KIND)

Company <u>Fox</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>G. NESTOR</u>	16			Kind of Packer _____
Well No. <u>#1</u>	13			
District _____ County <u>001</u>	10			Size of _____
Drilling commenced _____	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: Check Rec! - Grading done - has been left without seeding for some time VIOLATED (7 day)

8/28/84
DATE

RG Reed - 501
DISTRICT WELL INSPECTOR

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

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks:

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

DISTRICT WELL INSPECTOR

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

RECEIVED

SEP 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2011

Oil or Gas Well _____
(KIND)

Company <u>Fox</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>G. Nestor</u>	16			Kind of Packer _____
Well No. <u>#1</u>	13			
District _____ County <u>PARIS</u>	10			Size of _____
Drilling commenced _____	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: Posted FAILURE TO Abate - No Sealing,
NO Change since Violation - DID NOT shut
The well in _____

9/6/84
DATE

RE BEALL
DISTRICT WELL INSPECTOR

DATE

DISTRICT WELL INSPECTOR


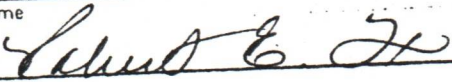
Form 26

STATE OF WEST VIRGINIA

Form 26

Form 26
2/16/82

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

1.0 API well number: (if not available, leave blank. 14 digits.)	47-001-2011			
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.)	5400		feet FEB 24 1984	
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Fox Drilling Co., Inc. OIL & GAS DIVISION Name P.O. Box 129 DEPT. OF MINES Street City State Zip Code Glenville WV 26351			
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	N/A Field Name Barbour 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.)	G. Nestor #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.)	Tennessee Gas Transmission Buyer Code			
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated annual production:	25 MMcf.			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (b) and (c)
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	N/A	N/A	N/A	N/A
9.0 Person responsible for this application:	Robert E. Fox (Fox Drilling Co., Inc.) President Name Title  Signature 02/09/84 304-462-7353 Date Application is Completed Phone Number			
Agency Use Only Date Received by Agency FEB 24 1984 Date Received by FERC				

DATE: MAR 30 1984

BUYER-SELLER CODE _____

PARTICIPANTS:

WELL OPERATOR: Fox Drilling

FIRST PURCHASER: Tennessee Gas

OTHER: _____

1500' Radius

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

840224-103-001-2011

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

~~001-1961~~
~~001-1937~~

Qualifies

APPROVED
APR 27 1984

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 _____ Items not completed - Line No. _____
- 2. IV-1 Agent _____
- 3. IV-2 Well Permit _____
- 4. IV-6 Well Plat _____
- 5. IV-35 Well Record _____ Drilling _____ Deepening _____
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production _____ years
- 8. IV-40 90 day Production _____ Days off line: _____
- 9. IV-48 Application for certification. Complete? _____
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? _____ Affidavit Signed _____
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
Gas Analyses _____
- (5) Date commenced: _____ Date completed _____ Deepened _____
- (5) Production Depth: _____
- (5) Production Formation: _____
- (5) Final Open Flow: _____
- (5) After Frac. R. P. _____
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Rep _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done _____
- 10-17. Is affidavit signed? _____ Notarized? _____
- Does official well record with the Department confirm the submitted information? _____
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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

Operator's Well No. G. Nestor #1
API Well No. 47 - 001 - 2011
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
MCPA Section 103

DESIGNATED AGENT Robert E. Fox
ADDRESS P.O. Box 129
Glenville, W.V. 26351
LOCATION: Elevation 1720'
Watershed Brushy Fork
Dist. Cove County Barbour Quad. Nestorville 7.5
Gas Purchase Contract No. *
Meter Chart Code *
Date of Contract *

WELL OPERATOR Fox Drilling Co. Inc.
ADDRESS P.O. Box 129
Glenville, W.V. 26351
GAS PURCHASER Tennessee Gas
ADDRESS P.O. Box 2511
Houston, Texas 77001

* * * * *

Date surface drilling was begun: 01/11/84

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

SEE ATTACHED SHEET

AFFIDAVIT

I, Robert E. Fox, 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.

Robert E. Fox

STATE OF WEST VIRGINIA.

COUNTY OF Belmont TO WIT:

I, Jerry H. Fox, a Notary Public in and for the state and county aforesaid, do certify that Robert E. Fox, whose name is signed to the writing, above, bearing date the 9 day of February, 1984, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 9 day of February 1984. My term of office expires on the 24 day of August, 1988.

Jerry H. Fox
Notary Public

(NOTARIAL SEAL)

* Information not available at time of submission.

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR FOX Drilling Co., Inc.

DESIGNATED AGENT Robert E. FOX

ADDRESS P.O. Box 129
Glenville, WV 26351

ADDRESS P.O. Box 129
Glenville, WV 26351

Gas Purchase Contract No. * and Date *
(Month, day and year)

Meter Chart Code *

Name of First Purchaser Tennessee Gas

P.O. Box 2511
(Street or P.O. Box)
Houston, TX 77001
(City) (State) (Zip Code)

FERC Seller Code

FERC Buyer Code

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 103 Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Robert E. FOX Pres.-Fox Drilling Co.,
Name (Print) Title

Robert E. Fox
Signature

P.O. Box 129
Street or P. O. Box

Glenville WVa 26351
City State (Zip Code)

(304) 462-7353
Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request for certification of the above described well as meeting the requirements of Section 103 under the Natural Gas Policy Act of 1976 (NGPA); for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the ___ day of ___, 19__ at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

FEB 24 1984

Date received by
Jurisdictional Agency

By *[Signature]*
Title

* Information not available at time of submission

FOX DRILLING COMPANY, INC.



P. O. BOX 129
GLENVILLE, WV 26351
PHONE 304-462-7353

G. Nestor #1
47-001-2011

Formula for calculation of Bottom Hole Pressure

$$P_f = P_w e^{XGLS}$$

P_f = Bottom Hole Pressure

P_w = Top Hole Pressure

e = 2.72

X = $1/53.34 \times AT$ (Absolute Temperature)

G = Specific Gravity

L = $\frac{\text{Top Perforations} + \text{Bottom Perforations}}{2}$

S = Z Factor (In WVa. = 0.9)

$$P_w = 1250$$

$$X = 1/53.34 \times (60 + (.0075 \times 5400) + 460) = .0000375$$

$$G = .602$$

$$L = \frac{(5400 + 4139)}{2} = 4769.5$$

$$P_f = 1250 \times 2.72 \times (.0000375) \times (.602) \times (4769.5) \times (.9)$$

$$P_f = 1377 \text{ P.S.I.}$$

1.0 API well number: (if not available, leave blank. 14 digits.)	47-001-2011												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA												
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5400 feet												
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	RECEIVED MAR - 6 1984 OIL & GAS DIVISION DEPT. OF ENERGY Fox Drilling Co., Inc. Name P.O. Box 129 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.)	N/A Field Name Barbour 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.)	G.Nestor #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.)	Tennessee Gas Transmission Name Buyer Code												
(b) Date of the contract:	Mo. Day Yr.												
(c) Estimated annual production:	25 MMcf.												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">---</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">---</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (b) and (c)	N/A	N/A	---	N/A	---	N/A	---	---
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (b) and (c)										
N/A	N/A	---	N/A										
---	N/A	---	---										
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	---												
9.0 Person responsible for this application:	Robert E. Fox (Fox Drilling Co., Inc.) President Name Title <i>Robert E. Fox</i> Signature 02/09/84 304-462-7353 Date Application is Completed Phone Number												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency MAR 6 1984</td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency MAR 6 1984	Date Received by FERC										
Agency Use Only													
Date Received by Juris. Agency MAR 6 1984													
Date Received by FERC													

PARTICIPANTS:

DATE: _____

BUYER-SELLER CODE _____

WELL OPERATOR: Fox Drilling Co, Inc. APR 25 1984

FIRST PURCHASER: Tennessee Gas Trans

OTHER: _____

Dev

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
840306-107-001-2011
 Use Above File Number on all Communications
 Relating to Determination of this Well

OK

APPROVED

APR 27 1984

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 _____ Items not completed - Line No. _____
2. IV-1 Agent _____
3. IV-2 Well Permit _____
4. IV-6 Well Plat _____
5. IV-35 Well Record _____ Drilling _____ Deepening _____
6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
7. IV-39 Annual Production _____ years
8. IV-40 90 day Production _____ Days off line: _____
9. IV-48 Application for certification. Complete? _____
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? _____ Affidavit Signed _____
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: _____ Date completed _____ Deepened _____
- (5) Production Depth: _____
- (5) Production Formation: _____
- (5) Final Open Flow: _____
- (5) After Frac. R. P. _____
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Re _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done _____
- 10-17. Is affidavit signed? _____ Notarized? _____
- Does official well record with the Department confirm the submitted information? _____
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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

Date FEB. 9, 1984

Operator's Well No. G. Nestor #1

API Well No. 001 - 2011
State West Virginia County Barbour Quad Nestorville 7.5

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE

MGPA Section 157

DESIGNATED AGENT Robert E. Fox

ADDRESS P.O. Box 129

Glenville, WV 26351

LOCATION: Elevation 1720

Watershed Brushy Fork

Dist Cove County Barbour Quad Nestorville 7.5

WELL OPERATOR Fox Drilling Co., Inc.

ADDRESS P.O. Box 129

Glenville, WV 26351

GAS PURCHASER Tennessee Gas

ADDRESS P.O. Box 2511

Houston, TX 77001

Gas Purchase Contract No. *

Meter Chart Code *

Date of Contract *

Date surface drilling began: 01/11/84

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

See attached sheet

AFFIDAVIT

I, Robert E. Fox, 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 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.

Robert E. Fox

STATE OF WEST VIRGINIA.

COUNTY OF Helmer TO WIT:

I, Jerry H. Fox, a Notary Public in and for the state and county aforesaid, do certify that Robert E. Fox, whose name is signed to the writing above, bearing date the 9 day of February, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 9 day of February, 1984

My term of office expires on the 24 day of August, 1988.

Jerry H. Fox
Notary Public

[NOTARIAL SEAL]

Operator's Well No. G. Nestor #1

API Well No. 47 - 001 - 2011
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR FOX Drilling Co., Inc.

DESIGNATED AGENT Robert E. FOX

ADDRESS P.O. BOX 129
Glenville, WV 26351

ADDRESS P.O. BOX 129
Glenville, WV 26351

Gas Purchase Contract No. * and Date *
(Month, day and year)

Meter Chart Code *

Name of First Purchaser Tennessee Gas
P.O. Box 2511
Houston, TX 77001
(City) (State) (Zip Code)

FERC Seller Code

FERC Buyer Code

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 107 Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Robert E. FOX Pres. - Fox Drilling Co., Inc.
Name (Print) Title

Robert E. Fox
Signature

P.O. Box 129
Street or P. O. Box

Glenville WVa 26351
City State (Zip Code)

(304) 462-7353
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request for certification of the above described well as meeting the requirements of Section 107 under the Natural Gas Policy Act of 1978 (NGPA); for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the _____ day of _____, 19____ at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the Department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

MAR 6 1984

[Signature]
Director

By _____
Title _____

Date received by _____
Jurisdictional Agency

* Information not available at time of submission



Formula for calculation of Bottom Hole Pressure.

$$P_f = P_w e^{XGLS}$$

- P_f = Bottom Hole Pressure
- P_w = Top Hole Pressure
- e = 2.72
- X = $1/53.34 \times AT$ (Absolute Temperature)
- G = Specific Gravity
- L = $\frac{\text{Top Perforations} + \text{Bottom Perforations}}{2}$

$$S = Z \text{ Factor (In WVa. = 0.9)}$$

$$P_w = 1250$$

$$X = 1/53.34 \times (60 + (.0075 \times 5400) + 460) = .0000375$$

$$G = .602$$

$$L = \frac{(5400 + 4139)}{2} = 4769.5$$

$$P_f = 1250 \times 2.72^{(.0000375)(.602)(4769.5)(.9)}$$

$$P_f = 1377 \text{ P.S.I.}$$



FOX DRILLING COMPANY, INC.

P. O. BOX 129

GLENVILLE, WV 26351

PHONE 304-462-7353

DEVONIAN SHALE QUALIFICATION CALCULATION

1. Calculation of thickness of Devonian Interval:

Bottom of Devonian Interval 5665 ft.

Top of Devonian Interval 2053 ft.

Thickness of Devonian Interval 3612 ft.

2. Calculation of 0.7 Gamma Ray Index:

Shale Base Line 128 API Units

0.7 Gamma Ray Index (70% of Shale Base Line) = 89.6 API Units

3. Calculation of Disqualifying Footage:

3612 ft. X 5% = 180.6 ft.

4. Actual footage < 0.7 Gamma Ray Index = 127.5 ft.

Using the above calculations, the G.Nestor #1 (47-001-2011) well qualifies as Devonian Shale.

By: Mark E. Slaughenhoupt
Mark E. Slaughenhoupt, Geologist

Sworn to and acknowledged before me by Mark E. Slaughenhoupt,
this 29th day of February, 19 87.

Thomas L. Reason
Notary Public

My commission expires: 2/9/88

IV-27
9-83

RECEIVED

AUG 29 1984



Date: 8/28/84
Well No: Abster #1
API NO: 47-001-2011
State County Permit

STATE OF WEST VIRGINIA
OIL & GAS DIVISION DEPARTMENT OF MINES
DEPT. OF MINES

Oil and Gas Division
NOTICE OF VIOLATION

18000

WELL TYPE: Oil ___ / Gas ✓ Liquid Injection ___ / Waste Disposal ___ /
Of "Gas" - Production ✓ / Storage ___ / Deep ___ / Shallow ✓ /

LOCATION: Elevation: 1770 Watershed: _____
District: 90VE County: BARBOUR Quadrangle: _____

WELL OPERATOR Fox DANCING CO INC DESIGNATED AGENT Robert E Fox
Address PO Box 129 Address PO Box 129
Blountville, W.Va. 26351 Blountville, W.Va. 26351

The above well is being posted this 28th day of August, 1984, for a violation of Code 22-4-16 and/or Regulation _____, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Excessive sedimentation, - pits filled, grading done but no seeding or mulch being done.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until Sept 4, 1984, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

James L. Mace
Oil and Gas Inspector

Address PO Box 160
Philippi, W.Va. 26016

Telephone: 816-4608

RECEIVED

APR 29 1934

OIL & GAS DIVISION

DEPT. OF MINES

RECEIVED

SEP 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

Date: 9-6-84
Operator's Well Number G. Nestor #1
API Well No.: No. 47 - 001 - 2011
State County Permit

614

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES OFFICE OF OIL AND GAS
ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil / Gas / Liquid Injection / Waste disposal
Underground
If "Gas" - Production / Storage / Deep / Shallow
LOCATION: Elevation: _____ Watershed: _____
District: _____ County: BARBOOR Quadrangle: _____

WELL OPERATOR FOX DRILLING CO, INC
Address P.O. Box 129 Glencove, WVa-26351

DESIGNATED AGENT: Robert E. Fox
Address: P.O. Box 129, Glencove, WVa-26351

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on 9-6, 1984.

The violation of Code 22-4-12-B, heretofore found to exist on 8/28, 1984 by Form IV-27, "Notice of Violation" / Form IV-28, "Imminent Danger Order" of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

Ample time has been allowed for abatement - There is excessive sedimentation due to the lack of cover - no seeding or mulching has been done -

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

- To continue cessation of operations until the imminent danger is fully abated.
- To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

PURCHASER: _____
Address _____

James H. Bruce
Oil and Gas Inspector
Address: P.O. Box 160
Phillippi, WVa-26416
Telephone: _____

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)

FORM IV-31
9-83

RECEIVED
NOV 8 - 1984

Date: NOVEMBER 5 1984
Operator's
Well Number G-NESTOR #1
API Well No.: 47 - 001 - 2011
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES
STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: Oil _____ / Gas _____ / Liquid Injection _____ / Waste disposal _____ /
Underground
If "Gas" - Production _____ / Storage _____ / Deep _____ / Shallow _____

LOCATION: Elevation: _____ Watershed: _____
District: COVF County: BARBOUR Quadrangle: _____

WELL OPERATOR ROY DRILLING Co. INC DESIGNATED AGENT ROBERT F. FOX
Address P.O. BOX 129 Address P.O. BOX 129
GLENVILLE W.V. 26351 GLENVILLE W.V. 26351

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on NOV 5, 1984,

The violation of Code § 22-4-12-B heretofore found to exist on 8-28, 1984, by Form IV-27, "Notice of Violation" / Form IV-28, "Imminent Danger Order" _____ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

*THIS IS NOT RELEASE OF DECLARATION
THAT WORK UNDER VIOLATION HAS BEEN DONE*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

DONALD R. FILLIS
Oil and Gas Inspector
Address 2624 WOOD WALK WVA
EMMERT W.V. 26034
Telephone 304-524-5576

MAY 15 1985



uncomp

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

This is to acknowledge that the wells listed on the reverse of this form are hereby transferred from Fox Drilling Company, Inc. 18000 (the transferor) to D. G. Haney, Inc. 20900 (the transferee).

The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22 Article 4 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells.

The transferee's designated agent (name) D. G. Haney,
(address) Box 3810, Charleston, West Virginia 25338,
is on file with the Office 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. \$50,000.00 October 13, 1984, United States Fidelity & Guarantee Company, No. 93784

(Transferee) D. G. Haney, Inc.
By [Signature]
Its President

Taken, subscribed and sworn to before me this 31 day of May 19 85
Notary Public Herbert K. Dew
My commission expires 4-30 19 91

(Transferor) _____
By _____
Its _____

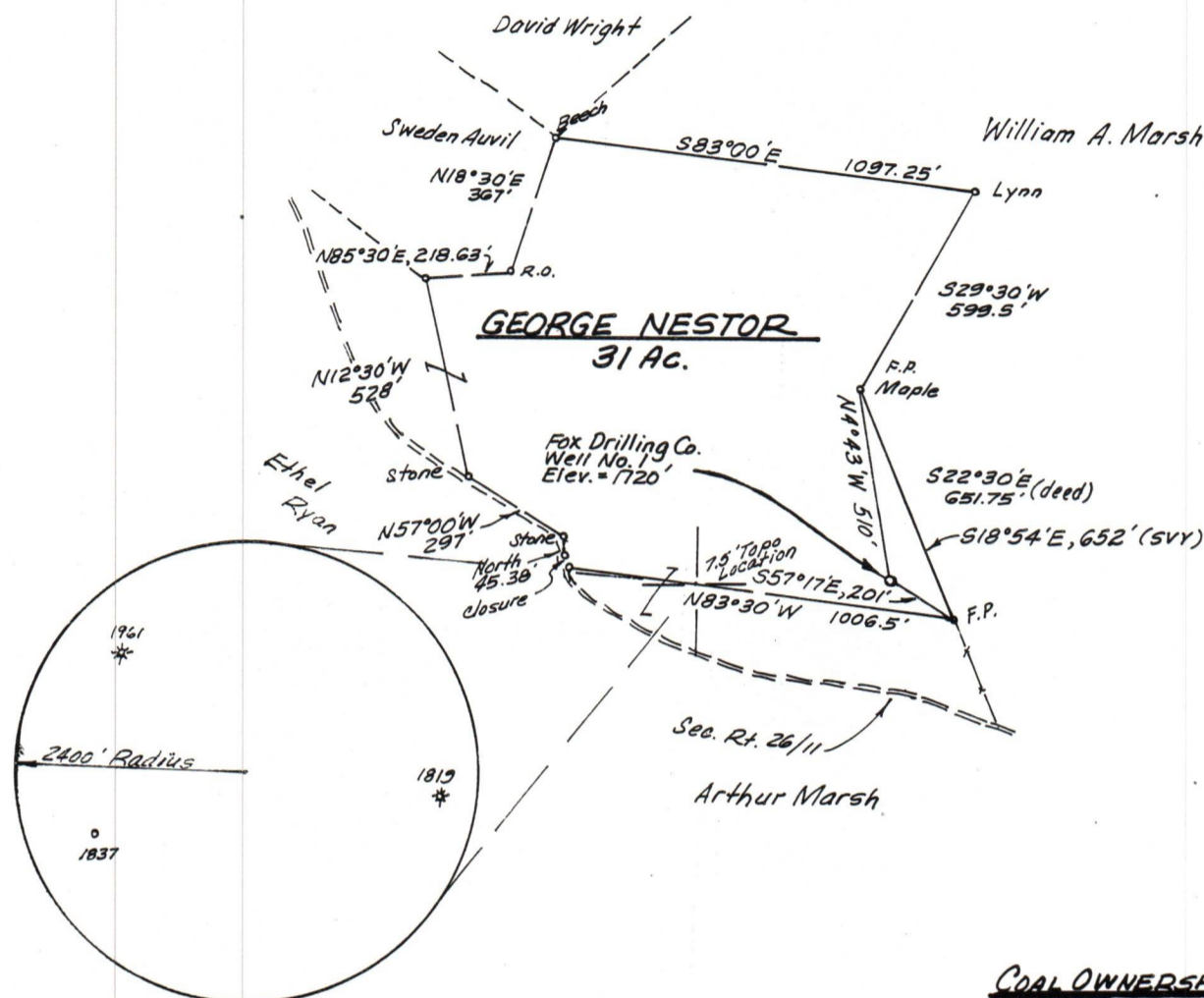
Taken, subscribed and sworn to before me this _____ day of _____ 19 _____
Notary Public _____
My commission expires _____ 19 _____

ACCEPTED THIS 2 DAY OF July, 1985
BY: [Signature]

Administrator-Office of Oil and Gas

NO RELEASE OF
Fox Drilling's Bond.
10-77 Reflects two
person's liable for VIOLATIONS

NORTH



COAL OWNERSHIP
 Eastern Assoc. Coal Corp. et al.
 Koppers Bldg.
 Pittsburgh Pa. 15219

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BM NW OF LOCATION, ELEV. = 1328'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

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



DATE DECEMBER 19, 1983
 OPERATOR'S WELL NO. ONE
 API WELL NO. _____
47 - 001 - 2011
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1720' WATER SHED BRUSHY FORK
 DISTRICT COVE COUNTY BARBOUR
 QUADRANGLE NESTORVILLE 7.5'
 SURFACE OWNER GEORGE NESTOR ACREAGE 31
 OIL & GAS ROYALTY OWNER GEORGE NESTOR LEASE ACREAGE 31
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION FOX SAND ESTIMATED DEPTH 5800'
 WELL OPERATOR FOX DRILLING CO. DESIGNATED AGENT MR. ROBERT E. FOX
 ADDRESS P.O. BOX 129 ADDRESS P.O. BOX 129
GLENVILLE, W.VA. 26351 GLENVILLE, W.VA. 26351