



Well No. ROY-2
Farm Lerenzy Roy
API # 47-001-1855
Date 11 October 1982

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas XX /
(If "Gas", Production XX / Underground storage ___ / Deep ___ / Shallow XX /

LOCATION: Elevation: 1659 Watershed: Glady Creek
District: Glade County: Barbour Quadrangle: Nestorville

WELL OPERATOR EASTERN OVERTHRUST DRILLING, INC. DESIGNATED AGENT Richard Hinkle
Address PO Box 600 Address PO Box 600
Anmoore, WV 26323 Anmoore, WV 26323

OIL AND GAS ROYALTY OWNER Lerenzy Roy
Address Rt. 2, Box 107-B
Philippi, WV 26416
Acreage 35

COAL OPERATOR
Address

SURFACE OWNER Lerenzy Roy
Address -SAME-
Acreage 35

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Lerenzy Roy
Address -SAME-
NAME
Address

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert Stewart
Address PO Box 345
Jane Lew, WV 26378
Telephone 304-884-7782

RECEIVED
OCT 13 1982

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XX / other contract ___ / dated 10/4, 1982, to the undersigned well operator from Lerenzy Roy.

(If said deed, lease, or other contract has been recorded:)

Recorded on _____, 19____, in the office of the Clerk of County Commission of Barbour County, West Virginia, in _____ Book at page _____. A permit is

requested as follows:
PROPOSED WORK: Drill XXX / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

EASTERN OVERTHRUST DRILLING, INC.
Well Operator

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

By: Richard L. Hinkle
President

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Eastern Overtrust Drilling, Inc.
Address PO Box 600
Anmoore, WV 26323

GEOLOGICAL TARGET FORMATION Haverty
Estimated depth of completed well 5600' feet. Rotary XX / Cable tools /
Approximate water strata depths: Fresh, 75-100' feet; salt, 600'± feet.
Approximate coal seam depths: Unknown
Is coal being mined in this area: Yes / No XX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling		
Conductor	<u>11-3/4"</u>			<input checked="" type="checkbox"/>				Kinds
Fresh water								Sizes
Coal								
Intermed.	<u>8 5/8"</u>		<u>23#</u>	<input checked="" type="checkbox"/>			<u>1200</u>	<u>To Surface</u>
Production	<u>4 1/2"</u>		<u>10 1/2#</u>	<input checked="" type="checkbox"/>			<u>5400</u>	<u>600 Sacks</u> Depths set
Tubing								Perforations:
Liners								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 6-14-83.
BY [Signature]

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

W A I V E R

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 regularions.

Date: oct 12, 1982.

Leremy Roy Dora Roy

By: _____

Its: _____



1) Date: June 1, 19 83
 2) Operator's Well No. Roy #2
 3) API Well No. 47 001 1855 REN
 State County Permit

DRILLING CONTRACTOR:

Eastern Overthrust Drllg.
Anmoore, W.Va. 26323

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas xx /
 B (If "Gas", Production xx / Underground storage / Deep / Shallow xx /)
- 5) LOCATION: Elevation: 1659 Watershed: Glady Creek
 District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR Eastern Overthrust Drilling, Inc. DESIGNATED AGENT Richard L. Hinkle
 Address P.O. Box 600 Address same
Anmoore, W.Va. 26323
- 7) OIL & GAS ROYALTY OWNER Lerenzy Roy
 Address Rt. 2, Box 107B
Philippi, W.Va. 26416
 Acreage 35
- 8) SURFACE OWNER Lerenzy Roy
 Address same
 Acreage 35
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart
 Address P.O. Box 345
Jane Lew, W.Va. 26378
- 12) COAL OPERATOR
 Address
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Lerenzy Roy
 Address same
 Name
 Address
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name
 Address
- 15) PROPOSED WORK: Drill xx / Drill deeper / Redrill / Fracture or stimulate OIL & GAS DIVISION
 Plug off old formation / Perforate new formation **DEPT. OF MINES**
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Haverty
- 17) Estimated depth of completed well, 5600' feet
- 18) Approximate water strata depths: Fresh, 75-100' feet; salt, 600 + feet.
- 19) Approximate coal seam depths: unknown Is coal being mined in the area? Yes / No xx /

20) 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		Kinds	Sizes
Conductor	11 3/4			x						
Fresh water										
Coal										
Intermediate	8 5/8		23#	x			1200	to surface		NEAT
Production	4 1/2		10.5#	x			5400	600 sacks		Depths set
Tubing										
Liners										Perforations: Top Bottom

21) 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.)

22) ROYALTY PROVISIONS

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

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Apurim Hinkle
 My Commission Expires May 22, 1989

Signed: Richard L. Hinkle
 Its: President

OFFICE USE ONLY

DRILLING PERMIT

Permit number 47-001-1855-REN.

Date May 26 19 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires January 26, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>ls</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>1975</u>
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Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____

Its _____



1) Date: January 26, 1984
 2) Operator's Well No. Roy #2
 3) API Well No. 47 - 001 - 1855-Ren
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production XX / Underground storage / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 1659 Watershed: Glady Creek
 District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR Eastern Overthrust Drilling, Inc 7) DESIGNATED AGENT Richard L. Hinkle
 Address P. O. Box 600 Address same
Armore, W. Va. 26323
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Phillip Tracy
 Address General Delivery
Ellamore, W. Va. 26267
- 9) DRILLING CONTRACTOR: Name Eastern Overthrust Drilling, Inc.
 Address P. O. Box 600
Armore, W. Va. 26323
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper / Redrill / Stimulate X
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Haverty
- 12) Estimated depth of completed well, 5600' feet
- 13) Approximate trata depths: Fresh, 75-100' feet; salt, 600 + feet.
- 14) Approximate coal seam depths: unknown Is coal being mined in the area? Yes / No XX

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 JAN 4 - 1984
 OIL & GAS DIVISION
 DEPT. OF MINE

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					Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8		23#	X			1200	to surface	Neat
Production	4 1/2		10.5#	X			5400	600 Sacks	Depths set
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-1855-Ren Date January 19, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

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

Permit expires January 19, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
	<u>lo</u>	<u>MH</u>	<u>MH</u>	<u>2369</u>

[Signature]
 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.

File

OFFICE USE ONLY

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

4) WELL LOCATION: B (II "Gas" Production) / Under ground storage / Shallow / Deep / _____
 Elevation: _____
 5) WELL OPERATOR: _____
 Address: _____
 6) DRILLING CONTRACTOR: _____
 Name: _____
 Address: _____
 7) PROPOSED WELL WORK: Drill / Drill / Re-drill / _____
 Plus off old formation / Perform new formation / _____
 Other physical change in well (specify): _____
 8) GEOLOGICAL TARGET FORMATION: _____
 Estimated depth of completed well: _____ feet
 Approximate true depths: Fresh: _____ feet, Salt: _____ feet
 Approximate coal seam depths: _____ feet
 Is coal being mined in the area? Yes / No

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: _____

1) Date: January 26, 19 84
2) Operator's
Well No. ROY #2
3) API Well No. 47 001 1855Ren
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 Lerenzy Roy
Address Rt. #2, Box 107-B
Philippi, W. Va. 26416
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Lerenzy Roy
Address Rt. #2, Box 107-B
Philippi, W. Va. 26416
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. *in file*
- 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 XX

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

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JAN 1 2 1984

OIL & GAS DIVISION
DEPT. OF MINES

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

Richard L. Hinkle
this 11 day of January, 19 84.
My commission expires Aug. 16, 19 86.

Diana A. Woodson
Notary Public, Harrison County,
State of West Virginia

WELL

OPERATOR Eastern Overthrust Drilling, Inc

By Richard L. Hinkle
Its President
Address P. O. Box 600
Anmoore, W. Va. 26323
Telephone (304) 622-2197

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

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

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

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

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

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

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OIL & GAS DIVISION
DEPT. OF MINES



1) Date: January 26, 1984
 2) Operator's Well No. Roy #2
 3) API Well No. 47 001
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production XX / Underground storage / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 1659 Watershed: Glady Creek
 District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR Eastern Overthrust Drilling, Inc. 7) DESIGNATED AGENT Richard L. Hinkle
 Address P. O. Box 600 Address same
Amoores, W. Va. 26323
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Eastern Overthrust Drilling, Inc.
 Address General Delivery Address P. O. Box 600
Fillmore, W. Va. 26267 Amoores, W. Va. 26323
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Haverty
- 12) Estimated depth of completed well, 5600' feet
 13) Approximate trata depths: Fresh, 75-100' feet; salt, 600'+ feet.
 14) Approximate coal seam depths: unknown Is coal being mined in the area? Yes / No XX

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 JAN 4 1984
 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		Kinds	
Conductor	<u>11 3/4</u>			<u>X</u>						
Fresh water										
Coal										Sizes
Intermediate	<u>8 5/8</u>		<u>23#</u>	<u>X</u>			<u>1200</u>	<u>to surface</u>		<u>Neat</u>
Production	<u>4 1/2</u>		<u>10.5#</u>	<u>X</u>			<u>5400</u>	<u>600 Sacks</u>		Depths set
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 12-7 Date 83

(For execution by natural persons)
Lizemzy Roy Date:
 (Signature)
Dara Roy Date:
 (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.

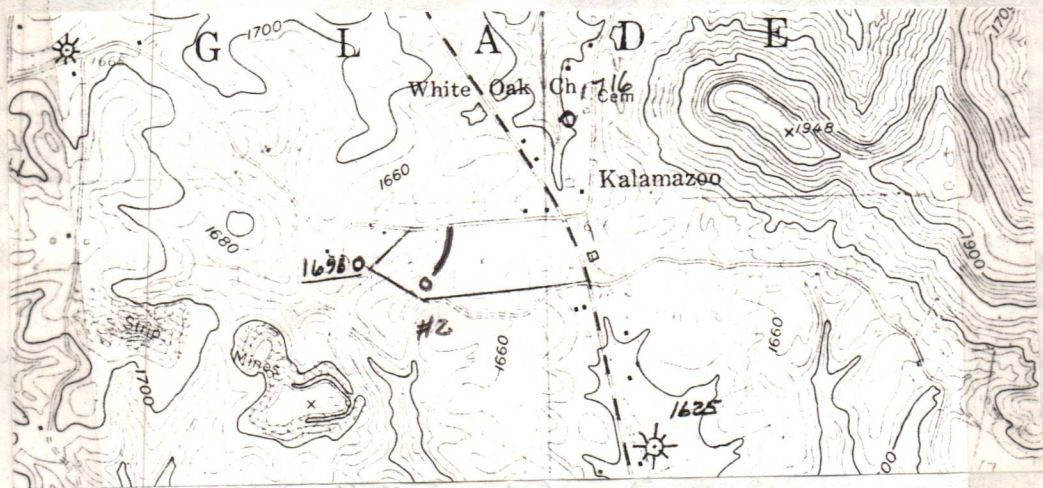
List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Nestorville

LEGEND

Well Site 



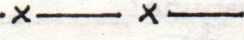


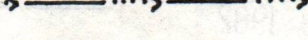
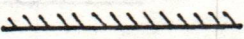




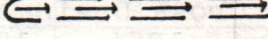
Access Road 



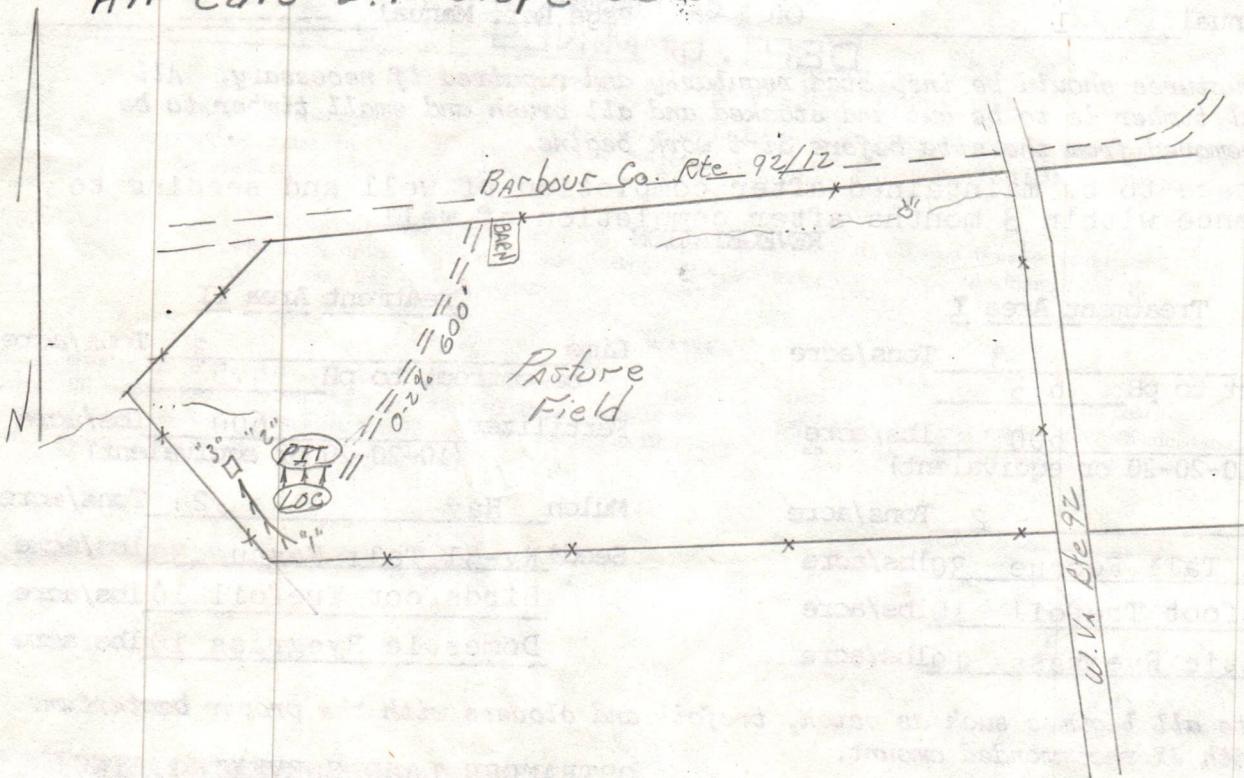
WELL SITE PLAN

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

LEGEND

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

All cuts 2:1 slope OR LESS

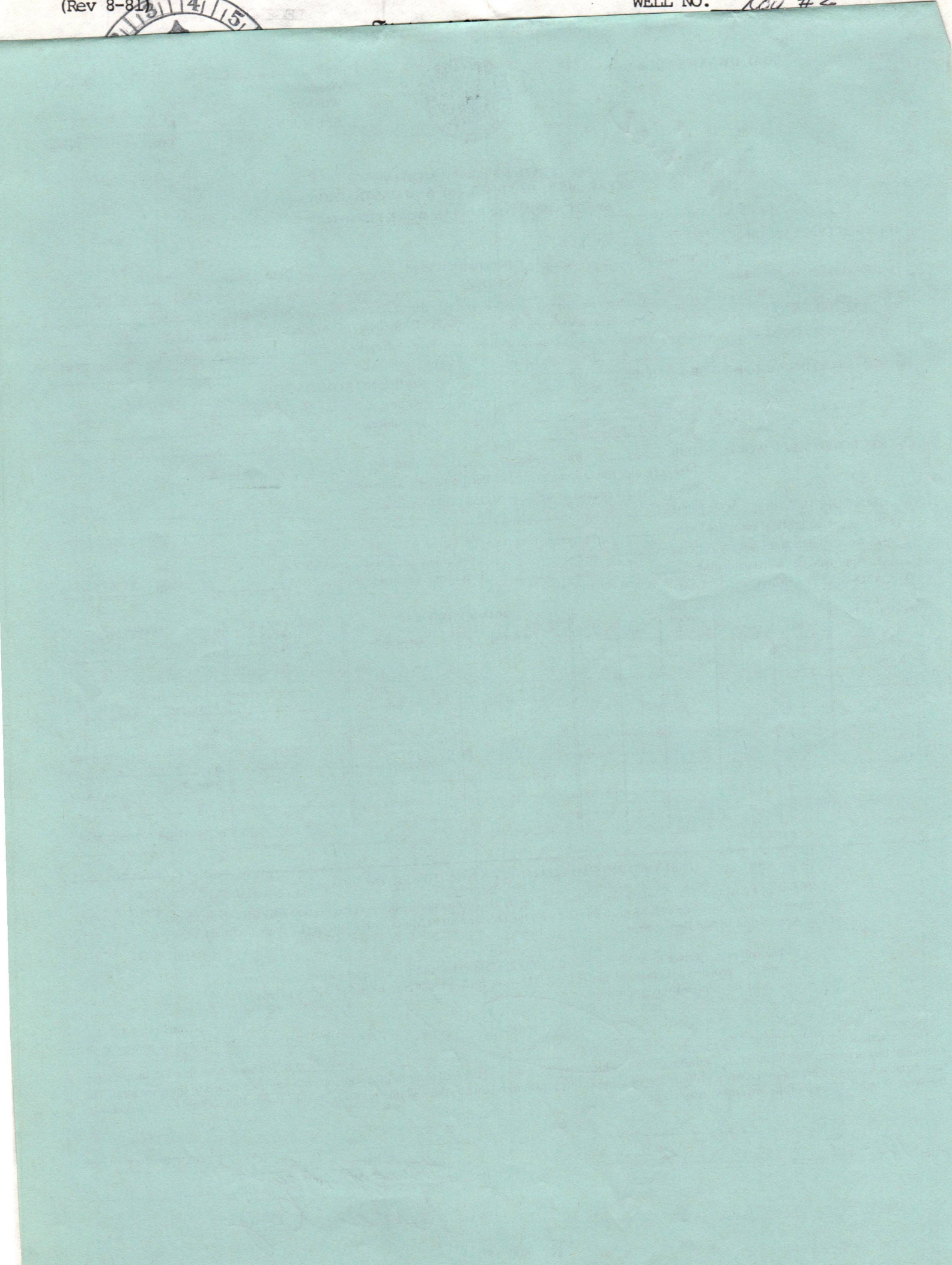




IV-9
(Rev 8-81)



DATE 8 Oct. 82
WELL NO. Row #2



OSTRANDER LAND SURVEYING, INC.
PLAN PREPARED BY Rexford L. Ostrander

ADDRESS Rt. 2, Box 375-6
Buckhannon, WV 26201

PHONE NO. 304-472-0817

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

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

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

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 5-16, 1983

By Leremy Roy Vera Roy
Its _____

Wainer



1) Date: June 1, 19 83
 2) Operator's Well No. Roy #2
 3) API Well No. 47 001 1855 REN
 State County Permit

DRILLING CONTRACTOR:

Eastern Overthrust Drllg.
Annoore, W.Va. 26323

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil _____ / Gas xx /
 B (If "Gas", Production xx / Underground storage _____ / Deep _____ / Shallow xx /)
- 5) LOCATION: Elevation: 1659 Watershed: Glady Creek
 District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR Eastern Overthrust Drilling, Inc 11) DESIGNATED AGENT Richard L. Hinkle
 Address P.O. Box 600 Address same
Annoore, W.Va. 26323
- 7) OIL & GAS ROYALTY OWNER Lerenzy Roy 12) COAL OPERATOR _____
 Address Rt. 2, Box 107B Address _____
Philippi, W.Va. 26416
- 8) SURFACE OWNER Lerenzy Roy 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address same Name Lerenzy Roy
 Address same
- 9) FIELD SALE (IF MADE) TO: Name _____
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name Robert Stewart Name _____
 Address P.O. Box 345 Address _____
Jane Lew, W.Va. 26378
- 15) PROPOSED WORK: Drill xx / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____ /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Haverly
- 17) Estimated depth of completed well, 5600' feet
- 18) Approximate water strata depths: Fresh, 75-100' feet; salt, 600 + feet.
- 19) Approximate coal seam depths: unknown Is coal being mined in the area? Yes _____ / No xx /

20) 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	<u>11 3/4</u>			<u>x</u>					Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>		<u>23#</u>	<u>x</u>			<u>1200</u>	<u>to surface</u>	
Production	<u>4 1/2</u>		<u>10.5#</u>	<u>x</u>			<u>5400</u>	<u>600 sacks</u>	Depths set
Tubing									
Liners									Perforations: Top Bottom

- 21) 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.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: _____ Signed: Richard L. Hinkle
 My Commission Expires May 22, 1989 Its: President

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-1855 REN. Date May 26 19 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

Administrator, Office of Oil and Gas



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

TO: ALL OPERATORS

DATE: June 22, 1982

FROM: Thomas E. Huzar, Administrator

RE: House Bill 1254 - Permits Not to be Issued on Flat Well Royalty Leases

In an effort to implement HB-1254 an affidavit was mailed to each operator previously. Upon review it is found this affidavit is inappropriate and not entirely necessary. The application form will be revised to include the following statement:

Yes / No / The right to extract, produce or market the oil or gas is based upon a lease or leases or other continuing 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 and gas so extracted, produced or marketed.

You should answer this question without the use of the form until the applications have been revised.

If the answer is "yes" to the question, then you must provide with the application an affidavit which certifies that the affiant is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one-eighth of the total amount paid to or received for the oil or gas so extracted, produced or marketed before deducting the amount to be paid or set aside for the owner of the oil and gas in place, on all such oil or gas to be extracted, produced or marketed from the well. (See West Virginia Code 22-4-11(e).)

Attached is an affidavit form you may use, but it is necessary only in the event that you would answer "yes". If the answer is "no", please include a statement to that effect.

Eastern Overthrust Drilling, Inc.
P.O. Box 600
Annoore, W.Va. 26323

well name: Roy-2

TEH/rf

RECEIVED

OCT 13 1982

OIL & GAS DIVISION
DEPT. OF MINES

12.) All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

13.) In Witness Whereof, the parties of this agreement have hereunto set their hands and seals this day and year first above written.

Witness:

_____(Seal) x Lerency Roy _____(Seal)

_____(Seal) Dora Roy _____(Seal)

_____(Seal) x _____(Seal)

_____(Seal) _____(Seal)

STATE OF WEST VIRGINIA, COUNTY OF Barbour To-wit:

I, R. Holt Poling
 a notary public of said County of State of West Virginia do certify
 that Lerency Roy and Dora Roy
 his wife, whose name is _____ signed to the writing above has this day acknowledged
 the same before me in my said county.

Given under my hand this 4th day of October, 19 82
R. Holt Poling
Statewide Notary Public

My commission expires 11 December 1990

STATE OF WEST VIRGINIA, COUNTY OF _____ To-wit:

I, _____
 a _____ of said County of _____
 that _____ and _____ do certify
 his wife, whose name _____ signed to the writing above has this day acknowledged
 the same before me in my said county.

Given under my hand this _____ day of _____, 19 _____

My commission expires _____

STATE OF WEST VIRGINIA, COUNTY OF _____ To-wit:

I, _____
 a _____ of said County of _____ do certify
 that _____ and _____
 his wife, whose name _____ signed to the writing above has this day acknowledged
 the same before me in my county.

Given under my hand this _____ day of _____, 19 _____

My commission expires _____

Remarks

1.) lessor and lessee will mutually agree on all well(s) location(s) and all roadway(s).

2.) It is agreed to by both parties hereto that the lessee may at any time assign or sell working interests in any well or well(s) drilled or to be drilled on the subject lease.

3.) lessor reserves all oil and gas below 6000 feet.

4.) lease allows only the lessee to run a pipe line(s) to said well(s) on leased premises.

RECEIVED
 OCT 13 1982
 OIL & GAS DIVISION
 DEPT. OF M.N.

EASTERN OVERTHRUST

OIL AND GAS LEASE

AGREEMENT, made and entered into the 4th day of October, 1982 by and between Herency Roy and Dara Roy

County of Barbour and State of West Virginia parties of the first part, hereinafter called Lessors, whether one or more, and EASTERN OVERTHRUST DRILLING INC., of P.O. Box 600, Anmoore, West Virginia 26323, party of the second part, hereinafter called Lessee.

1.) WITNESSETH, that the said Lessors for and in consideration of the sum of One (\$1.00) Dollar to them in hand well and truly paid by the said Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the said Lessee, to be paid, kept and performed, have granted, demised, 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 drilling and operating for oil and gas, and setting of tanks, and all other equipment necessary thereon to take care of the said products, and delivering pipe lines over and across the leased premises and other lands adjacent, for the purpose of conveying oil, gas, 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.

All that certain tract of land situate in Glade District Township Barbour County and State of West Virginia, described as follows Being the same tract or parcel of land acquired by the lessors herein by that particular deed of record in the office of the County Clerk of the County Commission of Barbour County in deed book 242 at page 163 thereof.

2.) Containing thirty-five (-35.0-) acres, more or less, reserving, however, therefrom all lands within two hundred feet of the resident buildings now on the premises on which no well shall be drilled by either party except by mutual consent.

3.) It is agreed that this lease shall remain in force for a term of one year from this date and as long thereafter as oil and/or gas is drilled or produced by any method from the said premises by the lessee, its successors and assigns.

4.) In consideration of the premises the said party of the second part, covenants and agrees: first, to deliver to the credit of the Lessors, their heirs or assigns, free of cost, in the pipe line to which the Lessee may connect with its wells their proportionate share of the equal one-eighth (1/8) part of all oil produced and saved from the leased premises; and second, to pay their proportionate share of one-eighth (1/8) 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.

5.) The Lessee shall not be required in any event to increase the rate of said gas well 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 predecessor 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.

6.) The Lessors may lay a line to any gas well drilled on said land and take gas there from free for their own use for heat and light in one dwelling house on said land, subject to the use, operation, pumping and right of abandonment of the well by Lessee, its successors and assigns Lessors are to provide and use economical appliances and to use said gas at their own risk, subject to the reasonable rules and regulations of said Lessee, its successors and assigns published at such time relating to such use of gas.

7.) Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion of 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.

8.) The said Lessee covenants and agrees to pay a rental at the rate of Two Hundred and forty-five 00/100 (\$ 245.00) Dollars annually in advance, beginning immediately until, but not after, a well yielding royalty to the Lessors is drilled on the leased premises. And also all rentals shall cease after the surrender of the lease as herein after provided for. All payments for delay, for gas produced and marketed, for gasoline and other by-products may be made direct to the Lessors or be deposited to their credit, or to the credit of their heirs and assigns, by check or checks mailed to: Herency Roy 4521025 Rt 2 Box 107B Philippi, WV 26416 ch# 1496

9.) As part consideration hereof Lessors, agree to pay, and Lessees are authorized to deduct from any royalty payment, the Lessors' proportionate part of all the excise, depletion, privilege and/or production tax levied, assessed or charged on or against the oil and/or gas produced from said premises.

10.) It is agreed that the Lessee is to have the privilege of using free sufficient water, except water from lessors wells, and gas from the said premises to run all machinery necessary for drilling and operating thereon and at any time to remove all machinery and fixtures placed on said premises; and further, upon the payment of (\$1.00) One Dollar at any time, by the party of the second part, or by its successors and assigns it or they shall have the right to surrender this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and determine, and this lease becomes absolutely null and void.

11.) Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the post office of a check, payable as above provided, for said last mentioned sum and all amount then due hereunder, shall be a full surrender and termination of this lease.

(comp)

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

1st Stage (Fox, Haverty, 4th Elk) 4675-5394' (18 Holes) 5,000# 80/100 Sand, 45,000# 20/40 Sand, 1,000 gals. 15% HCL 774 BBL Sand Laden Fluid, 30 lbs. Gel System. Average injection rate 22BBL/Min, Average treating Pressure: 3340 psi.

2nd. Stage (1st Elk, Benson) 3997'-4200' (16 Holes) 66,800# 20/40 Sand, 750 gal 15% HCL, 773 BBL Sand Laden Fluid, 20 lb Gel System- Average injection rate: 24.3 BBL/Min, Average Treating Pressure: 2816 psi

3rd. Stage (Balltown) 2933'-3139' (16 holes) 45,000# 20/40 Sand, 500 gal. 159 HCL, 594 BBL Sand Laden Fluid, 20 lb. Gel System. Average injection rate: 24 BBL/Min, Average treating pressure: 2938 psi.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
G.L.			0	10	
SD & SH			10	25	
Sand			25	145	1" Stream C 96'
SD & SH			145	446	
Sand			446	561	
SD & SH			561	581	
Sand			581	626	
SD & SH			626	755	
Sand			755	779	
SD & SH			779	1252	
L. Lime			1252	1265	
SD & SH w/Lime			1265	1301	
B. Lime			1301	1548	
B Injun			1548	1690	
SD & SH			1690	2240	
4th Sand			2240	2308	
5th Sand			2308	2400	
SD & SH			2400	2520	
Bayard			2520	2550	
SD & SH			2550	2800	Gas Ck 2597' no show
Speechly			2800	2840	
SD & SH			2840	2880	
U Balltown			2880	2910	
SD & SH			2910	2995	
M Balltown			2995	3040	Gas Ck 3005' No show
SD & SH			3041	3080	
L Balltown			3080	3135	Gas Ck 3319' No show
SD & SH			3135	3350	
1st Riley			3350	3410	
SD & SH			3410	3851	
2nd Riley			3851	3950	
Benson			3950	3980	
SD & SH			3980	4190	Gas Ck 4071' No show
1st Elk			4190	4259	
SD & SH			4259	4373	Gas Ck 4290' No show
2nd Elk			4373	4390	
SD & SH			4390	4633	
3rd Elk			4633	4665	
SD & SH			4665	4785	

(Attach separate sheets as necessary)

EASTERN OVERTHRUST DRILLING, INC.

Well Operator

By: Richard L. Hinkle

Date: February 22, 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."



IV-35
(Rev 8-81)

Date February 22, 1985
Operator's
Well No. #2
Farm Lerenzy Roy
API No. 47 - 001 - 1855

State of West Virginia
Department of Mines
Oil and Gas Division

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

RECEIVED
FEB 28 1985

WELL TYPE: Oil ___ / Gas xx / Liquid Injection ___ / Waste Disposal ___ / OIL & GAS DIVISION
(If "Gas," Production xx / Underground Storage ___ / Deep Distal or MINES)

LOCATION: Elevation: 1659' Watershed Glady Creek
District: Glade County Barbour Quadrangle Nestorville

COMPANY Eastern Overthrust Drilling, Inc.
ADDRESS P. O. Box 600, Anmoore, WV 26323
DESIGNATED AGENT Richard L. Hinkle
ADDRESS P. O. Box 600, Anmoore, WV 26323
SURFACE OWNER Lerenzy Roy
ADDRESS Rt. 2, Box 107-B, Philippi, WV 26416
MINERAL RIGHTS OWNER Lerenzy Roy
ADDRESS Rt. 2 Box 107-B Philippi, WV 26416
OIL AND GAS INSPECTOR FOR THIS WORK Phillip
Tracy ADDRESS Ellamore WV 26267
PERMIT ISSUED January 19, 1984
DRILLING COMMENCED November 23, 1984
DRILLING COMPLETED November 28, 1984
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.			
13-10"			
9 5/8			
8 5/8	973'	973'	235 sacks
7			
5 1/2			
4 1/2		5532'	520 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty Depth 5600 feet
Depth of completed well 5605 feet Rotary xx / Cable Tools _____
Water strata depth: Fresh 96 feet; Salt _____ feet
Coal seam depths: _____ Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation 3rd & 4th Elk, Fox, Haverty Pay zone depth 4675-5392 feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 0 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 0 hours
Static rock pressure 1150 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation 1st Elk, Benson, Balltown Pay zone depth 3997-4196 feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 420 Mcf/d Oil: Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

WELL LOG Cont.

FORMATION	TOP FEET	BOTTOM FEET	REMARKS
4th Elk	4785	4815	
SD & SH	4815	5170	Gas Ck 4919' No show
Haverty	5170	5200	Gas Ck 5263' No show
SD & SH	5200	5427	
Fox	5427	5440	
SD & SH	5440	TD	Gas Ck 5480' 40/10 w 1" Pl.

RECEIVED

FEB 28 1985

OIL & GAS DIVISION
DEPT. OF MINES

BAR-1855

11-19-84

DATE

Donald R. Ellis

DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

NOV 27 1984

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-1855REN

Oil or Gas Well _____
(KIND)

Company EASTERN OVERTHRUST

Address ANMOORE WV.

Farm ROY

Well No. 2

District GLADE County BARBOUR

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names EASTERN OVERTHRUST

Remarks: MOVING ON

11-21-84
DATE

Donald R. Ellis
DISTRICT WELL INSPECTOR

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

RECEIVED

DEC 3 - 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-1855REN

Oil or Gas Well _____
(KIND)

Company EASTERN OVERTHRUST

Address ANNAPUR W.V.

Farm ROY

Well No. 2

District GLADE County BARBOUR

Drilling commenced 11-21-84

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names EASTERN OVERTHRUST

Remarks: Dry DUSTING 5310ft

11-28-84
DATE

[Signature]
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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	

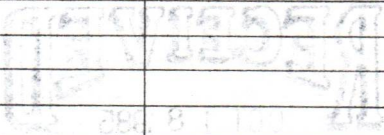
Drillers' Names _____

Remarks: _____

DATE

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

DISTRICT WELL INSPECTOR



DEPT. OF ENERGY
DIVISION OF OIL & GAS



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

October 24, 1985

ARCH A. MOORE, JR.
 Governor

Eastern Overthrust Drilling, Incorporated
 Post Office Box 600
 Anmoore, West Virginia 26323

In Re: Permit No: 47-001-1855
 Farm: Lerenzy Roy
 Well NO: 2
 District: Glade
 County: Barbour
 Issued: 1-19-84

Gentlemen:

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

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

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

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

 PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/nw

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

1.0 API well number: (If not assigned, leave blank. -14 digits.)	47 - 001 - 1855 -				
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.)	5394 feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Eastern Overthrust Drilling, Inc. Name				_____ Seller Code
	P. O. Box 600 Brushy Fork Road Street				
	Anmoore City	WV State	26323 Zip Code		
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Glade District Field Name				
	Barbour County		WV 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.)	Roy #2				
(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 total annual production from the well:	20 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:	Richard L. Hinkle President Name Title				
Agency Use Only	Signature <i>Richard L. Hinkle</i>				
Date Received by Juris. Agency	June 17, 1985				
Date Received by FERC	(304) 622-2197 Phone Number				
	Date Application is Completed				

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 274.501. 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 onshore 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	6	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			
2			
3			
4			
5			
6			

Remarks:

JUL 15 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 6/17/, 19 85 15125

Applicant's Name: Eastern Overthrust Drilling, Inc.

Address: P. O. Box 600
Anmoore, W. Va. 26323

Gas Purchaser Contract No. _____

Date of Contract _____
(Month, day and year)

First Purchaser: Tennessee Gas Transmission P627

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

FERC Seller Code _____

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER
850619-1030-001-1855
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Richard L. Hinkle
Address: P. O. Box 600
Anmoore, W. Va. 26323

FERC Buyer Code _____

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

Name: Richard L. Hinkle Designated Agent
(Print) (Title)
Signature: *Richard L. Hinkle*
Address: P. O. Box 600
(Street or P.O. Box)
Anmoore, W. Va. 26323
(City) (State) (Zip Code)
Telephone: (304) 622-2197
(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
- 103 New Onshore Production Well
 - 103 New Onshore Production Well
- 107 High Cost Natural Gas
 - 107-0 Deep (more than 15,000 feet)
 - 107-1 Geopressured Brine
 - 107-2 Coal Seams
 - 107-3 Devonian Shale
 - 107-5 Production enhancement
 - 107-6 New Tight Formation
 - 107-7 Recompletion Tight Formation

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

AGENCY USE ONLY

QUALIFIED

RECEIVED
JUN 19 1985
OIL & GAS DIV.
DEPT. OF MINES

Date Received _____

Determination Date _____

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

Date June 17, 1985

Operator's Well No. Roy #2

API Well No. 47 - 001 - 1855
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Richard L. Hinkle

ADDRESS P. O. Box 600
Anmoore, W. Va. 26323

WELL OPERATOR Eastern Overthrust Drilling, Inc.
ADDRESS P. O. Box 600
Anmoore, W. Va. 26323

LOCATION: Elevation 1659'
Watershed Glady Creek
Dist. Glade County Barbour Quad Nestorville

GAS PURCHASER Tennessee Gas Transmission
ADDRESS P. O. Box 2511
Houston, TX. 77001

Gas Purchase Contract No. _____
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling was begun: November 23, 1984

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

1267 psi

$P_f = P_{we} \times 665$

AFFIDAVIT

I, Richard L. Hinkle, 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.

Richard L. Hinkle

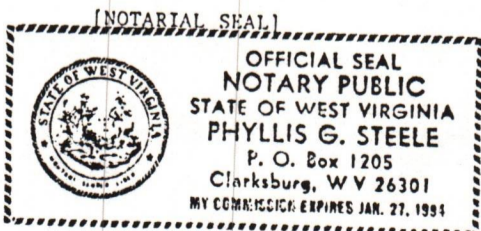
STATE OF WEST VIRGINIA,
COUNTY OF Harrison, TO WIT:

I, Phyllis G. Steele Notary Public in and for the state and county aforesaid, do certify that Richard L. Hinkle whose name is signed to the writing above, bearing date the 17 day of June, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 17 day of June, 1985.

My term of office expires on the 27 day of January, 1994.

Phyllis G. Steele
Notary Public



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

1.0 API well number: (If not assigned, leave blank. -14 digits.)	47 - 001 - 1855 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 103	(3)		
	Section of NGPA	Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5394 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Eastern Overthrust Drilling, Inc.			Seller Code
	P. O. Box 600 Brushy Fork Road			
	Anmoore WV 26323			
	City State Zip Code			
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Glade District			
	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.)	Roy #2			
(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 total annual production from the well:	20 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:	Richard L. Hinkle President			
	Name Title			
	<i>Richard L. Hinkle</i>			
	Signature			
	June 17, 1985		(304) 622-2197	
	Date Application is Completed		Phone Number	

Agency Use Only
Date Received by Juris. Agency JUN 19 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 274.501. 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 onshore 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	6	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			
2			
3			
4			
5			
6			

Remarks:

JUL 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 6/17/, 19 85

15125

AGENCY USE ONLY

Des

Applicant's Name: Eastern Overthrust Drilling, Inc.

WELL DETERMINATION FILE NUMBER

Address: P. O. Box 600

Anmoore, W. Va. 26323

850619 -1073-001 - 1855

Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. _____

Date of Contract _____

(Month, day and year)

P627

First Purchaser: Tennessee Gas Transmission

Designated Agent: Richard L. Hinkle

Address: P. O. Box 2511

(Street or P.O. Box)

Houston, TX.

77001

(City)

(State)

(Zip Code)

Address: P. O. Box 600

Anmoore W. Va. 26323

FERC Seller Code _____

FERC Buyer Code _____

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

Name: Richard L. Hinkle

Designated Agent

(Print)

(Title)

Signature: _____

Richard L. Hinkle

Address: _____

P. O. Box 600

(Street or P.O. Box)

Anmoore, W. Va. 26323

(City)

(State)

(Zip Code)

Telephone: _____

(304)

622-2197

(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 Buildup

103 New Onshore Production Well

103 New Onshore Production Well

107 High Cost Natural Gas

107-0 Deep (more than 15,000 feet)

107-1 Geopressured Brine

107-2 Coal Seams

x 107-3 Devonian Shale

107-5 Production enhancement

107-6 New Tight Formation

107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

RECEIVED

JUN 19 1985

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. Roy #2

API Well No.

47 - 001 - 1855
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT Richard L. Hinkle

ADDRESS P. O. Box 600
Anmoore, W. Va. 26323

LOCATION Elevation 1659'

WELL OPERATOR Eastern Overthrust Drilling, Watershed Glady Creek
Inc.

ADDRESS P. O. Box 600 Dist. Glade County Barbour Quad. Nestorville
Anmoore, W. Va. 26323

Gas Purchase
Contract No. _____

GAS PURCHASER Tennessee Gas Transmission

ADDRESS P. O. Box 2511 Meter Chart Code _____

Houston, TX. 77001 Date of Contract _____

* * * * *

Date surface drilling began: November 23, 1984

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

1267 psi

$P_f = P_{we} \times 665$

AFFIDAVIT

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

Richard L. Hinkle

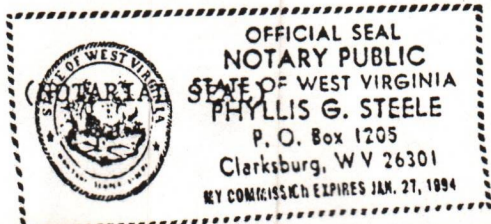
STATE OF WEST VIRGINIA

COUNTY OF Harrison, TO-WIT:

I, Phyllis G. Steele, a Notary Public in and for the state and county aforesaid, do certify that Richard L. Hinkle, whose name is signed to the writing above, bearing date the 17 day of June, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 17 day of June, 1985.

My term of office expires on the 27 day of January, 1994.



Phyllis G. Steele
Notary Public



EASTERN OVERTHRUST DRILLING, INC.

P.O. BOX 600
BRUSHY FORK RD.
ANMOORE, WV 26323

DEVONIAN SHALE QUALIFICATION CALCULATION

1. Calculation of thickness of Devonian Interval:

Bottom of Devonian Interval 5582 ft.

Top of Devonian Interval 1948 ft.

Thickness of Devonian Interval 3634 ft.

2. Calculation of 0.7 Gamma Ray Index:

Shale Base Line 180.5 API Units

0.7 Gamma Ray Index (70% of Shale Base Line = 126.35 API Units

3. Calculation of Disqualifying Footage:

3634 ft. X 5% = 181.7 ft.

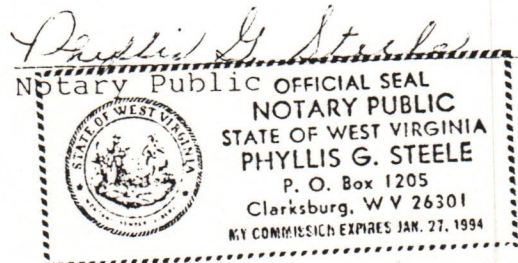
4. Actual footage (0.7 Gamma Ray Index = 111.5 ft.

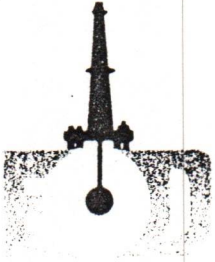
Using the above calculations, the Roy #2 well qualifies as Devonian Shale.

By: Richard L. Hinkle

Sworn to and acknowledged before me by Richard L. Hinkle
this 17th day of June, 19 85.

My commission expires:
January 27, 1994





EASTERN OVERTHRUST DRILLING, INC.

P.O. BOX 600
BRUSHY FORK RD.
ANMOORE, WV 26323

FORMULA FOR CALCULATING BOTTOM HOLE PRESSURE

$$P_f = (P_w) (e) \times G \times L \times S$$

P_f = Bottom hole pressure

P_w = Top hole pressure

$$e = 2.72$$

$$x = (1/53.34) + (60 + (.0075 \times T.D.) + 460) = \text{Absolute Temperature}$$

G = Specific Gravity (.602)

L = Top perf. + bottom perf.

S = Z factor (.9)

$$P_w = 1175 \text{ psi}$$

$$x = \frac{1}{53.34 (561.1825)} = \frac{1}{29933.475} = .0000334$$

$$G = .602$$

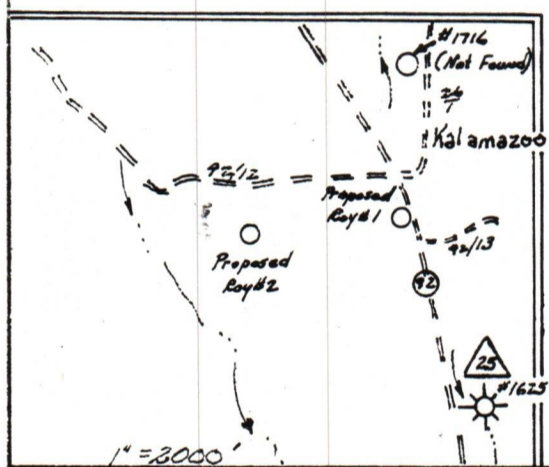
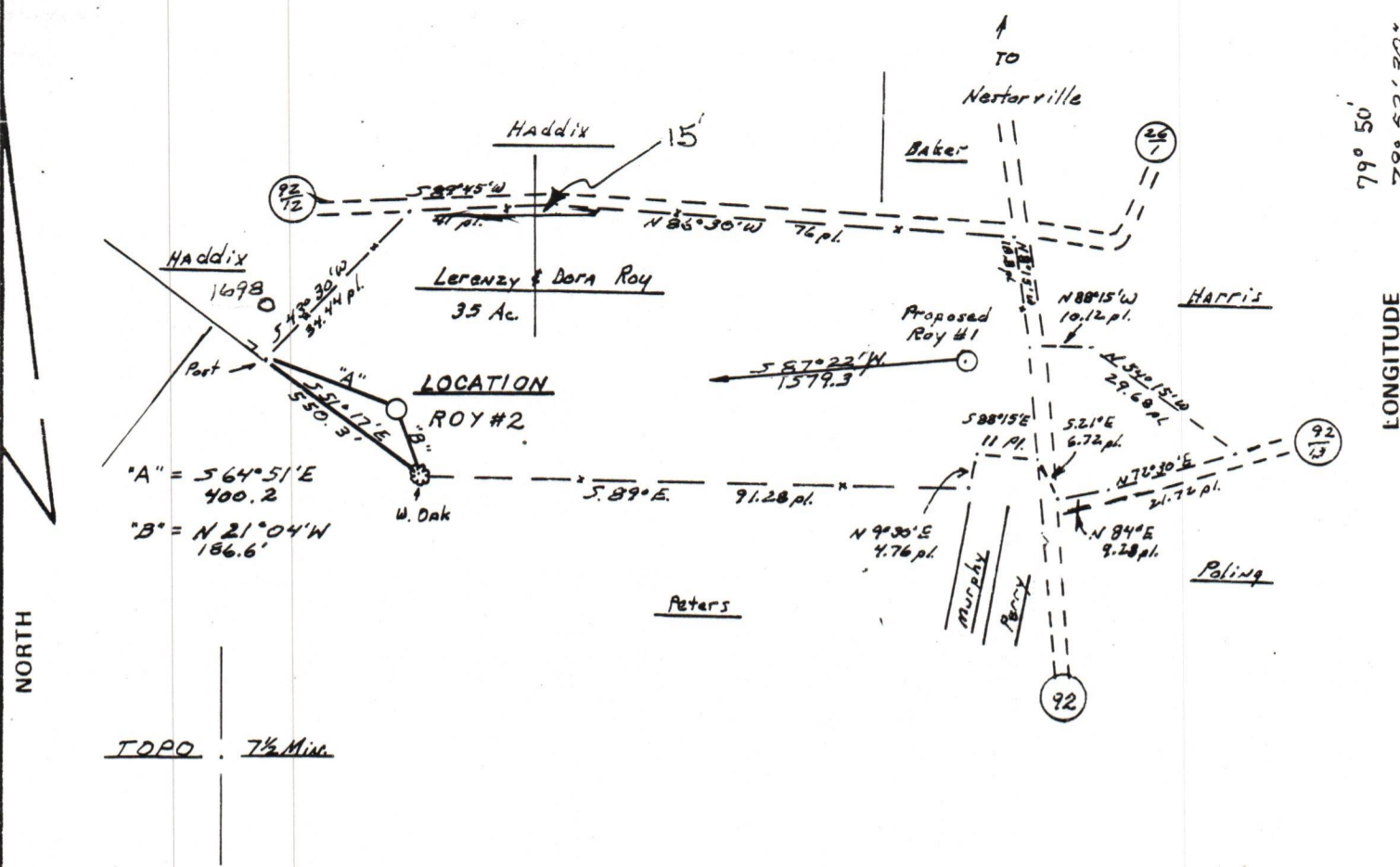
$$L = \frac{2933' + 5394'}{2} = 4163.5$$

$$P_f = 1175 (2.72) (.0000334) (.602) 4163.5 (.9)$$

$$P_f = 1175 \times 2.72 \times .753432$$

$$P_f = 1175 \times 1.0783055$$

$$P_f = 1267 \text{ psi Bottom Hole Pressure}$$



FILE NO. 557.01
 DRAWING NO. 82-21
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot Elevation 1616
Ed Intersection NE of Location

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) Richard S. Ostrander
 R.P.E. _____ L.L.S. 555
Buckhannon, W.Va.

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 11 October, 19 82
 OPERATOR'S WELL NO. ROY #2
 API WELL NO. 47 - 001 - 1855-Per
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1659 WATER SHED Glady Creek
 DISTRICT Glade COUNTY Barbour
 QUADRANGLE Nestorville
 SURFACE OWNER Leranz Roy ACREAGE 35
 OIL & GAS ROYALTY OWNER Leranz Roy LEASE ACREAGE 35
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 Haverty ESTIMATED DEPTH 5600'
 WELL OPERATOR Eastern Overthrust Drilling, Inc. DESIGNATED AGENT Richard Hinkle
 ADDRESS P.O. Box 600, Brushy Fork, Anmore, W.Va. 26323 ADDRESS P.O. Box 600, Brushy Fork, Anmore, W.Va. 26323



1) Date: January 26, 19 84
 2) Operator's Well No. Roy #2
 3) API Well No. 47 ' 001
 State _____ County _____ Permit _____

Waived

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

- 4) WELL TYPE: A Oil _____ / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 1650 Watershed: Glady Creek
 District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR Eastern Overthrust Drilling, Inc. DESIGNATED AGENT Richard L. Hinkle
 Address P. O. Box 600 Address same
Ammore W. Va. 26323
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Eastern Overthrust Drilling, Inc.
 Address General Delivery Address P. O. Box 600
Ellamore W. Va. 26267 Ammore W. Va. 26323
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Haverty
- 12) Estimated depth of completed well, 5600' feet
- 13) Approximate trata depths: Fresh, 75-100' feet; salt, 600'+ feet.
- 14) Approximate coal seam depths: unknown Is coal being mined in the area? Yes _____ / No XX /
- 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	<u>11 3/4</u>			<u>X</u>					Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>		<u>23#</u>	<u>X</u>			<u>1200</u>	<u>to surface</u>	<u>None</u>
Production	<u>4 1/2</u>		<u>10.5#</u>	<u>X</u>			<u>5400</u>	<u>600 Sacks</u>	Depths set
Tubing									
Liners									Perforations:
									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 _____ / 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: 12-7, 19 83

By Lenny Roy
 Its Dora Roy

Coal Owner