



1) Date: November 23, 19 82
 2) Operator's Well No. Lucille Chesser #3
 3) API Well No. 47 001 1752-REN
 State County Permit

DRILLING CONTRACTOR:

Eastern Overthrust Drilling
P.O. Box 600
Anmoore, W.Va.

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: 1580 Watershed: Tygart Valley River
 District: Cove County: Barbour Quadrangle: Nestorville 7.5
- 6) WELL OPERATOR Eastern Overthrust Drilling 1) DESIGNATED AGENT Richard L. Hinkle
 Address P.O. Box 600 Address same
Anmoore, W.Va. 26323
- 7) OIL & GAS ROYALTY OWNER Lucille Chesser, et. al. 12) COAL OPERATOR _____
 Address 14 N. Walnut St. Address _____
Philippi, W.Va. 26416
- 8) SURFACE OWNER same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Lucille Chesser,
 Address 14 N. Walnut St.
Philippi, W.Va. 26416
- 9) FIELD SALE (IF MADE) TO: Name _____ Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Robert Stewart Address _____
P.O. Box 345
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, Elk
- 17) Estimated depth of completed well, 5600 feet
- 18) Approximate water strata depths: Fresh, 30 feet; salt, _____ feet.
- 19) Approximate coal seam depths: 18 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>XX</u>			<u>30'</u>	<u>to surface</u>	
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>		<u>23</u>	<u>XX</u>			<u>1600'</u>	<u>to surface</u>	
Production	<u>4 1/2</u>		<u>10 1/2</u>	<u>X</u>			<u>5600'</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: April M. Hinkle Signed: Richard L. Hinkle
 My Commission Expires May 22, 1989 Its: President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-1752-REN Date December 1 19 82

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 July 31, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat:	Casing	Fee <u>1641</u>
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[Signature]
 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 _____

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Eastern Overthrust Drilling, Inc.

Address P. O. Box 600

Anmoore, WV 26323

GEOLOGICAL TARGET FORMATION Elk

Estimated depth of completed well 5600 feet. Rotary / Cable tools /

Approximate water strata depths: Fresh, 30 feet; salt, feet.

Approximate coal seam depths: 18

Is coal being mined in this area: Yes / No /

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			Left in Well
Conductor	<u>11 3/4</u>			<input checked="" type="checkbox"/>			<u>30'</u>	To Surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	<u>8 5/8</u>		<u>23</u>	<input checked="" type="checkbox"/>			<u>1600</u>	To Surface	
Production Tubing	<u>4 1/2</u>		<u>10 1/2</u>	<input checked="" type="checkbox"/>			<u>5600</u>	<u>600 Sks.</u>	Depths set
Liners									Perforations: 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 12-5-82.

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 / 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: , 19 .

By:

Its:



Well No. #3
Farm Lucille Chesser, et. al.
API # 47 - 001 - 1752
Date 3-1-82

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1580 Watershed: Tygart Valley River
District: Cove County: Barbour Quadrangle: Nestorville 7.5

WELL OPERATOR Eastern Overthrust Drilling DESIGNATED AGENT Richard L. Hinkle
Address P.O. Box 600 Address P.O. Box 326
Anmoore, W.Va. 26323 Bridgeport, W.Va. 26330

OIL AND GAS ROYALTY OWNER Lucille Chesser, et. al. COAL OPERATOR _____
Address 14 N. Walnut St. Address _____
Philippi, WV 26416
Acreage 147

SURFACE OWNER Lucille Chesser, et. al. COAL OWNER(S) WITH DECLARATION ON RECORD:
Address 14 N. Walnut St. NAME Lucille Chesser
Philippi, WV 26416 Address 14 N. Walnut St.
Acreage 147 Philippi, WV 26416
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 P.O. Box 345
Jane Lew, WV 26378
Telephone 884-7782

RECEIVED

MAR 05 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated _____, 19____, to the undersigned well operator from Beckler Energy, Inc.

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

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

PROPOSED WORK: Drill / 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:

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

Eastern Overthrust Drilling, Inc.
Well Operator

By: Richard L. Hinkle
Its: President

BLANKET BOND



1) Date: June 1, 19 83
 2) Operator's Well No. Lucille Chesser #3
 3) API Well No. 47 001 1752 REN
 State County Permit

DRILLING CONTRACTOR:

Eastern Overthrust Drlg.
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: 1580 Watershed: Tygart Valley River
 District: Cove County: Barbour Quadrangle: Nestorville 7.5
- 6) WELL OPERATOR Eastern Overthrust Drilling 11) DESIGNATED AGENT Richard L. Hinkle
 Address P.O. Box 600 Address same
Anmoore, W.Va. 26323
- 7) OIL & GAS ROYALTY OWNER Lucille Chesser, et. al. 12) COAL OPERATOR
 Address 14 N. Walnut St. Address
Philippi, W.Va. 26416
 Acreage 147
- 8) SURFACE OWNER same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Name Lucille Chesser
 Address 14 N. Walnut St.
Philippi, W.Va. 26416
 Name
 Address
- 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
- 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, Elk
- 17) Estimated depth of completed well, 5600 feet
- 18) Approximate water strata depths: Fresh, 30 220 feet; salt, feet.
- 19) Approximate coal seam depths: 18 Is coal being mined in the area? Yes / No XX /

RECEIVED
 MAY 23 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

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	11 3/4			X		250	250	CTS	Kinds NEAT
Fresh water									
Coal									Sizes
Intermediate	8 5/8		23	X			1600'	to surface	
Production	4 1/2		10.5	X			5600'	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: Apul M. Hinkle Signed: Richard L. Hinkle
 My Commission Expires May 22, 1989 Its: President

OFFICE USE ONLY

Permit number 47-001-1752-REN. **DRILLING PERMIT** Date June 7 83
 19

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 February 7, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>60</u>	Agent: <u>lo</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.

DRILLING 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 _____

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NOV 08 1984



1) Date: November 5, 19 84
 2) Operator's Well No. Lucille Chesser #3
 3) API Well No. 47 - 001 - ~~0000~~ 1752-REN
 State County Permit

OIL & GAS DIV.
DEPT. OF MINES

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1580 Watershed: Tygart Valley River
 District: Cove County: Barbour Quadrangle: Nestorville 7.5
- 6) WELL OPERATOR Eastern Overthrust Drilling, Inc. 7) DESIGNATED AGENT Richard L. Hinkle
 Address P. O. Box 600 Address P. O. Box 600
Anmoore, W. Va. 26323 Anmoore, W. Va. 26323
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Russell Beall DONALD ELLIS Name Eastern Overthrust Drilling, Inc.
 Address P. O. Box 160 Address P. O. Box 600
Philippi, W. Va. 26416 Anmoore, W. Va. 26323
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Elk
 12) Estimated depth of completed well, 5600 feet
 13) Approximate strata depths: Fresh, 30, 220 feet; salt, _____ feet.
 14) Approximate coal seam depths: 18 Is coal being mined in the area? Yes / No /

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		30	250	to surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8		23	x			1600 ft	to surface	NEAT
Production	4 1/2		10.5	x			5600 ft	600 sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-~~0000~~ 1752-REN

Date November 15, 19 84

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

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

Permit expires November 15, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>59</u>	<u>MH</u>	<u>MW</u>	<u>MH</u>	<u>2971</u>

Margaret J. Hasse
Administrator, Office of Oil and Gas

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

File

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



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NOV 1984

OFFICE USE ONLY

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

1) PROPOSED WELL WORK: Drill depth _____ feet. Other physical change to well (specify) _____

2) WELL OPERATOR: Name _____ Address _____

3) LOCATION: District _____ Elevation _____

4) APPROXIMATE COAL SEAM DEPTHS: Fresh _____ feet. Approximate coal seam depths _____ feet.

5) ESTIMATED DEPTH OF COMPLETED WELL: _____ feet.

6) APPROXIMATE COAL SEAM DEPTHS: Fresh _____ feet. Approximate coal seam depths _____ feet.

7) DESIGNATED AGENT: Name _____ Address _____

8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Donald Bull Address _____

9) DRILLING CONTRACTOR: Name _____ Address _____

10) DRILL DEPTH: _____ feet. Other physical change to well (specify) _____

11) GEOLOGICAL TARGET FORMATION: _____

12) ESTIMATED DEPTH OF COMPLETED WELL: _____ feet.

13) APPROXIMATE COAL SEAM DEPTHS: Fresh _____ feet. Approximate coal seam depths _____ feet.

14) APPROXIMATE COAL SEAM DEPTHS: Fresh _____ feet. Approximate coal seam depths _____ feet.

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: _____

Reason	Agent	Date

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



1) Date: November 5, 1984
 2) Operator's Well No. Lucille Chesser #1
 3) API Well No. 47 001 1752
 State County Permit

RECEIVED

NOV 19 1984

**OIL & GAS DIV.
DEPT. OF MINES**

**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: 1580 Watershed: Tygart Valley River
 District: Cove County: Barbour Quadrangle: Westorville 7.5
- 6) WELL OPERATOR Eastern Overthrust Drilling, Inc. 7) DESIGNATED AGENT Richard L. Hinkle
 Address P. O. Box 600 Address P. O. Box 600
Annoore, W. Va. 26323 Annoore, W. Va. 26323
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Russell Beall Name Eastern Overthrust Drilling, Inc.
 Address P. O. Box 160 Address P. O. Box 600
Philippi, W. Va. 26416 Annoore, 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, W1k
- 12) Estimated depth of completed well, 5600 feet
- 13) Approximate strata depths: Fresh, 30 220 feet; salt, feet.
- 14) Approximate coal seam depths: 13 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>1 3/8</u>			<u>X</u>		<u>30</u>		<u>to surface</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>		<u>23</u>	<u>X</u>			<u>1600 ft</u>	<u>to surface</u>	
Production	<u>4 1/2</u>		<u>10.5</u>	<u>X</u>			<u>5600 ft</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 _____ Date _____

(For execution by natural persons)

Lucille Chesser Hadley Date: 11-14-84
 (Signature)
Lucille Crum Chesser 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.

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>
Lucille Chesser, widow By Peggy C. Hadley	Beckler Energy, Inc.		88 13

1) Date: November 5, 19 84
 2) Operator's
 Well No. Lucille Chesser #3
 3) API Well No. 47-001-2772
 State County Permit
1752-Re

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 Lucille Chesser et al
 Address 14 N. Walnut St.
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 Lucille Chesser
 Address 14 N. Walnut St.
Philippi, W. Va. 26416
 Name _____
 Address _____

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

PS Form 3800, Feb. 1982

NOV 15 1984

Mr. S. W. Eggy, Chesser Hadley
 Street and No. Rt. 4, Box 714
 P.O. State and ZIP Code Washington, NC 27889
 Postage _____
 Certified Fee _____
 Special Delivery Fee _____
 Restricted Delivery Fee _____
 Return Receipt Showing to whom and Date Delivered _____
 Date, and Address of Delivery _____
 TOTAL Postage and Fees \$ 1.89

RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED -
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

P 418 757 932

Form and the following documents:

3) (or Form IV-4 if the well is in the drilling or other work, cable, the proposed casing and

in Form IV-6; and unless the well work is only to sediment control and for

RIGHTS REGARDING THE APPLICATION OF THE COPY OF THE APPLICATION IS NOT REQUIRED TO TAKE ANY

Code, the undersigned well operator and accompanying documents of Oil and Gas, West Virginia described on attached Application the Application, the plat, and the entered or certified mail or delivered in certain circumstances) on or

Department of Mines and depicted on attached Form IV-2. Construction and Reclamation Plan have been mailed by hand to the person(s) named above (or by publication in certain circumstances) 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.

OIL & GAS DIV.
 DEPT. OF MINES

NOV 08 1984

RECEIVED

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

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

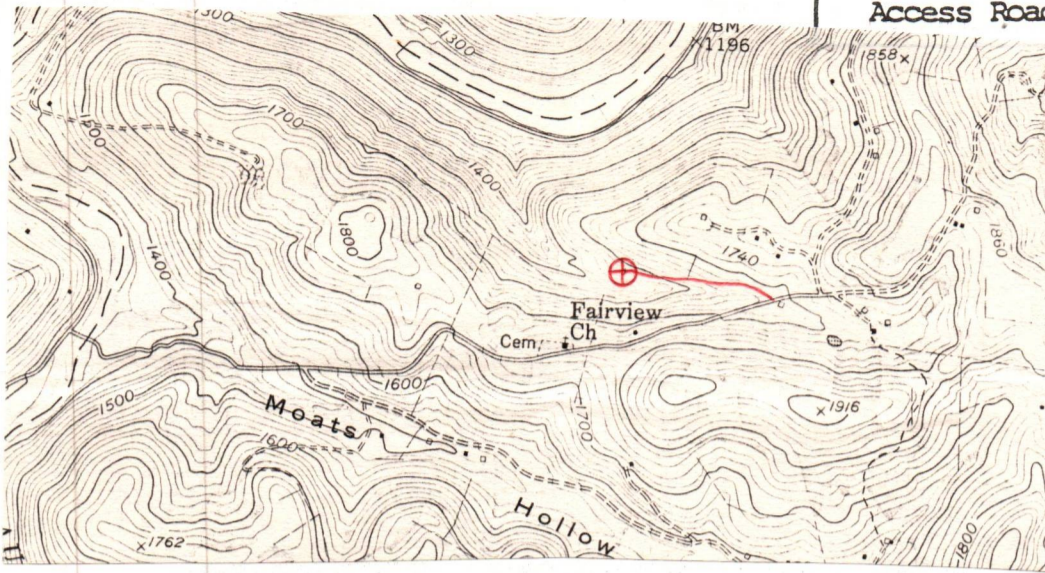
this 5 day of November, 19 84.

My commission expires Jan. 27, 19 94.

Phyllis G. Steele
 Notary Public, Harrison County,
 State of W. Va.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE NESTORVILLE 7.5

LEGEND	
Well Site	⊕
Access Road	—

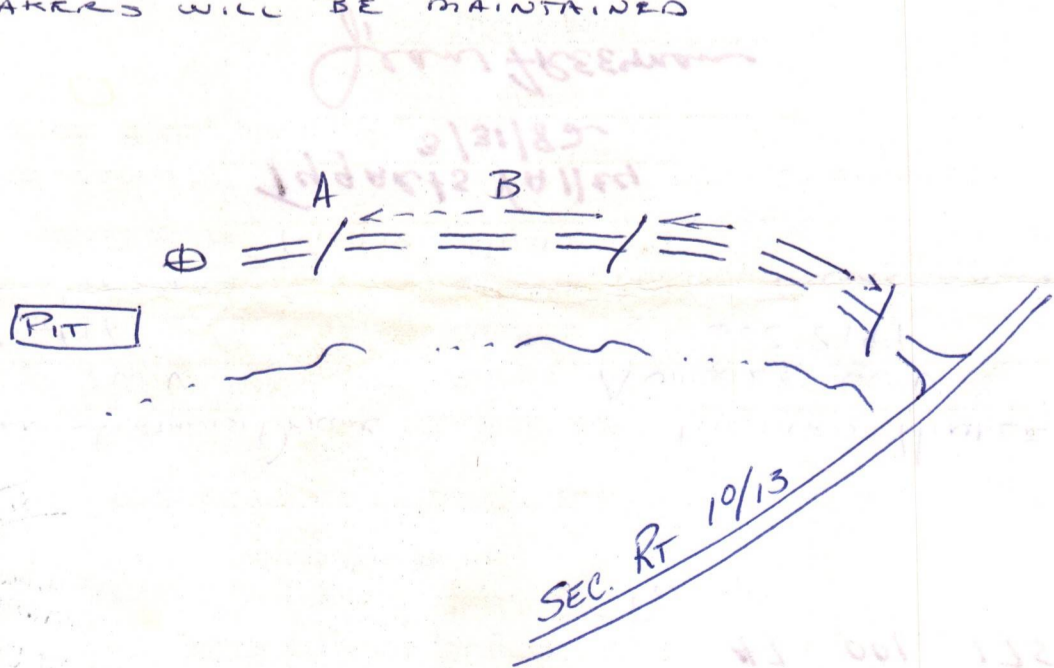


WELL SITE PLAN

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	—x—x—
Planned fence	—/—/—
Stream	~ ~ ~ ~ ~
Open ditch	—>>>>—>>>>—>>>>—
Diversion	//////
Spring	○→
Wet spot	⊕
Building	■
Drain pipe	—○→○→○→
Waterway	←≡≡≡≡→

TIMBER WILL BE CUT + STACKED
SLOPE OF ROAD WILL BE 10-15% OR LESS.
DRAIN + BREAKERS WILL BE MAINTAINED





DATE 3-25-82
 WELL NO. 3
 API NO. 47-001-1752
 State of West Virginia
 Department of Mines
 Oil and Gas Division
 Revised

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Eastern Overcast Drains DESIGNATED AGENT Richard Hinkle
 Address Aumoke, W.V.
 Telephone 622-2997
 RANDOWNER Lucille Cresser
 Revegetation to be carried out by Richard Hinkle (Agent)
 This plan has been reviewed by Tygart's Valley SCD. All corrections and additions become a part of this plan: 3/31/82
 (Date)
Joan Freeman (SCD Agent)

LOCATION ACCESS ROAD

(A)	Structure <u>BREAKERS</u>	Spacing <u>150'-200'</u>	Page Ref. Manual <u>1-5</u>
(B)	Structure <u>DRAIN DITCH</u>	Spacing	Page Ref. Manual <u>1-11</u>
(C)	Structure	Spacing	Page Ref. Manual

RECEIVED
 APR 2 - 1982
 OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

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	Lime or correct to pH <u>6.5</u>	Tons/acre <u>3</u>
Fertilizer (10-20-20 or equivalent)	<u>600</u>	Lbs/acre
Mulch	<u>2</u>	Tons/acre
Seed* <u>31</u>	<u>30</u>	Lbs/acre
<u>TRIFLORAL</u>	<u>8010</u>	Lbs/acre
<u>Dom. Ryx</u>	<u>10</u>	Lbs/acre

Treatment Area II	Lime or correct to pH	Tons/acre
Fertilizer (10-20-20 or equivalent)		Lbs/acre
Mulch		Tons/acre
Seed*		Lbs/acre

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

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

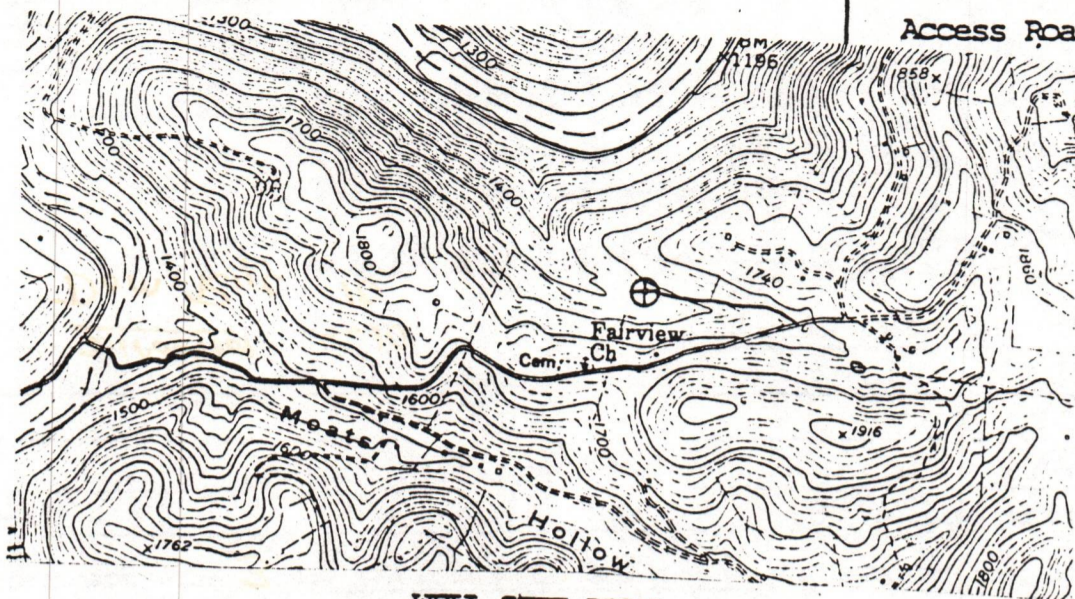
PLAN PREPARED BY Alan Jones
 ADDRESS _____
 PHONE NO. _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE NESTORVILLE 7.5

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.

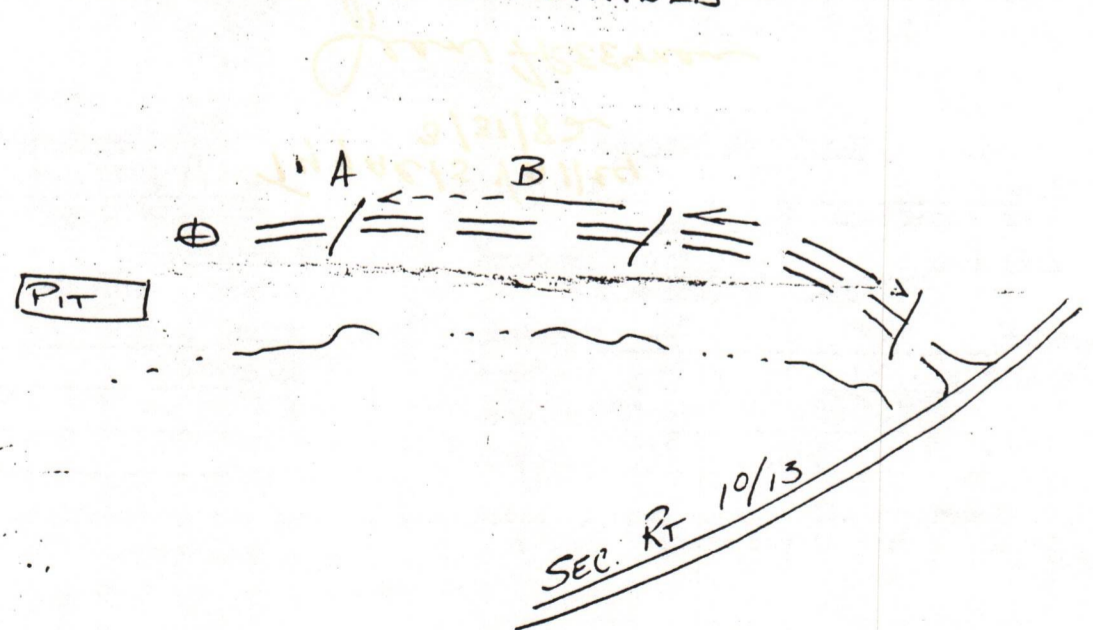
LEGEND

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

TIMBER WILL BE CUT + STACKED

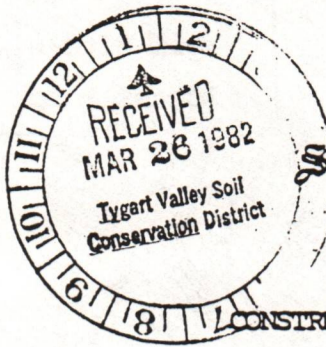
SLOPE OF ROAD WILL BE 10-15% OR LESS.

DRAIN + BREAKERS WILL BE MAINTAINED



41 001 1325

IV-9
(Rev 8-81)



State of West Virginia
Department of Mines
Oil and Gas Division

DATE 3-25-82
WELL NO. 3
API NO. 47-001-1752 Rev
REVISED

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME EASTERN OVERTHrust DRILLING DESIGNATED AGENT RICHARD HINKLE
Address ANMOORE, W.V. Address ANMOORE W.V.
Telephone 622-2197 Telephone 622-2197
LANDOWNER LUCILLE CHESSER SOIL CONS. DISTRICT TYGART VALLEY
Revegetation to be carried out by RICHARD HINKLE (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 3/31/82 (Date)

Jean Freeman
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>BREAKERS</u> (A)	Structure _____
Spacing <u>150'-200'</u>	Material _____
Page Ref. Manual <u>1-5</u>	Page Ref. Manual _____
Structure <u>DRAIN DITCH</u> (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual <u>1-11</u>	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED
NO. 1104
OIL & GAS DIV.
DEPT. OF MINES
APR 2 - 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch 2 Tons/acre

Seed* KV 31 30 lbs/acre
Birdsfoot 800 lbs/acre
Dom. Rye 10 lbs/acre

Treatment Area II

Lime As Area I Tons/acre
or correct to pH _____

Fertilizer _____ lbs/acre
(10-20-20 or equivalent)

Mulch _____ Tons/acre

Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

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

PLAN PREPARED BY Alvin Loren
ADDRESS _____
PHONE NO. _____

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

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

NOWSCO WATER FRAC

Stage #1 (4th Elk, Haverty, Fox) 4953'- 5487' (33 Holes), 5000# 80/100 Sand, 20,400# 20/40 Sand, 750 Gal 15% HCL, 694 BBL Sand Laden Fluid, 30 lb Gel System
Average injection rate: 18 BBL/min, Average treating pressure: 3486 psi.

Stage #2 (Elks) 4149'-4847' (18 Holes) 42,400# 20/40 Sand, 500 Gal 15% HCL, 610 BBL Sand Laden Fluid, 20 lb Gel System. Average injection rate: 15 BBL/min, Average Treating pressure: 3650 psi.

Stage #3 (Riley, Benson) 3628-3940' (18 Holes) 60,000# 20/40 Sand, 500 gal 15% HCL, 610 BBL Sand Laden Fluid, 20 lbs Gel System. Average injection Rate: 2984 psi.

Stage #4 (Balltown) 45,000# 20/40 Sand, 500 Gal 15% HCL, 395 BBL Sand Laden Fluid, 20 lb Gel system. Average injection rate: 24.5 BBL/min. Average treating pressure 2484 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
Clay			0	10	1/2" H2O 45'
Sand			10	30	1" Saltwater 870'
Sandy-Shale			30	45	
Sand			45	430	
Shale			430	441	
Coal			441	446	
Sand			446	620	
Sand-Shale			620	837	
Shale-Red Rock			837	1066	
L Lime			1066	1073	
P Cave			1073	1080	
B Lime			1080	1277	
Shale & Red Rock			1277	1400	
Sand & Shale			1400	1530	
Shale			1530	1832	
Sandy-Shale			1832	1965	Gas Ck 2250' no show
Shale			1965	2185	
Red Rock & Shale			2185	2610	Gas Ck 2500' no show
Sand & Shale			2610	3884	
Benson			3884	3895	Gas Ck 2800' no show
Sand & Shale			3895	4220	Gas Ck 3050' no show
Red Rock			4220	4405	Gas Ck 3701' no show
Shale			4405	4500	Gas Ck 4013' no show
Sand & Shale			4500	4637	Gas ck 4294' no show
Shale			4637	TD	

(Attach separate sheets as necessary)

EASTERN OVERTHRUST DRILLING, INC.

Well Operator

By: Richard G. Henthel

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)

State of West Virginia
Department of Mines
Oil and Gas Division

Date February 22, 1985
Operator's
Well No. #3
Farm Lucille Chessar
API No. 47 - 001 - 1752-REN

RECEIVED
FEB 28 1985

OIL & GAS DIVISION

DEPT. OF MINE

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: 1580' Watershed Tygart Valley River
District: Cove County Barbour Quadrangle Nestorville 7.5

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 Lucille Chessar et al
14 N. Walnut St.

ADDRESS Philippi, WV 26416

MINERAL RIGHTS OWNER Lucille Chessar et al

ADDRESS 14 N. Walnut St.
Philippi, WV 26416

OIL AND GAS INSPECTOR FOR THIS WORK Russell

Beall ADDRESS P. O. Box 160
Philippi, WV 26416

PERMIT ISSUED November 15, 1984

DRILLING COMMENCED December 7, 1984

DRILLING COMPLETED December 13, 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	1030'	1030'	230 sacks
7			
5 1/2			
4 1/2		5527'	500 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5600 feet

Depth of completed well 5553 feet Rotary xx / Cable Tools _____

Water strata depth: Fresh 45 feet; Salt 870 feet

Coal seam depths: 441-446 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation 4th Elk, Haverty, Fox Pay zone depth 4953-5487 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 0 psig (surface measurement) after 0 hours shut in

(If applicable due to multiple completion--)

Second producing formation 1st, 2nd, 3rd Elk

Pay zone depth Riley, Benson, Stray 2474-4841 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 600 Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1500 psig (surface measurement) after 48 hours shut in

(Continue on reverse side)

BAR. - 1752 REN

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

RECEIVED
DEC 18 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-1252 BEN

Oil or Gas Well _____
(KIND)

Company <u>EASTERN OVERTHROST</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>AN MOORE W.V.</u>	Size			
Farm <u>CHESSER</u>	16			Kind of Packer _____
Well No. <u>#3</u>	13			
District <u>COVE</u> County <u>BARBOUR</u>	10			Size of _____
Drilling commenced <u>12-9-84</u>	8 ⁵ / ₈		<u>972</u>	Depth set _____
Drilling completed _____ Total depth _____	6 ⁵ / ₈			
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>972</u> No. FT. <u>12-10-84</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>NowSCO</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names EASTERN OVERTHROST DORLG

Remarks: 2300 lbs Chlor A, 3% C.C., 5 bags
1 GUIDE SHOE 1 BASKET 1 CENTRALIZER
GOOD CIRCULATION

12-10-84
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 _____

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

Drillers' Names _____

Remarks: _____

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

DISTRICT WELL INSPECTOR



RECEIVED
SEP 17 1985

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
March 5, 1985

COMPANY Eastern Overthrust Drilling, Inc. PERMIT NO 001-1752-REN (11-15-84)
P. O. Box 600 FARM & WELL NO Lucille Chessar #3
Anmoore, West Virginia 26323 DIST. & COUNTY Cove/Barbour

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strenght	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Donald Bellis
DATE 9-13-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T.H. Webb
Administrator-Oil & Gas Division

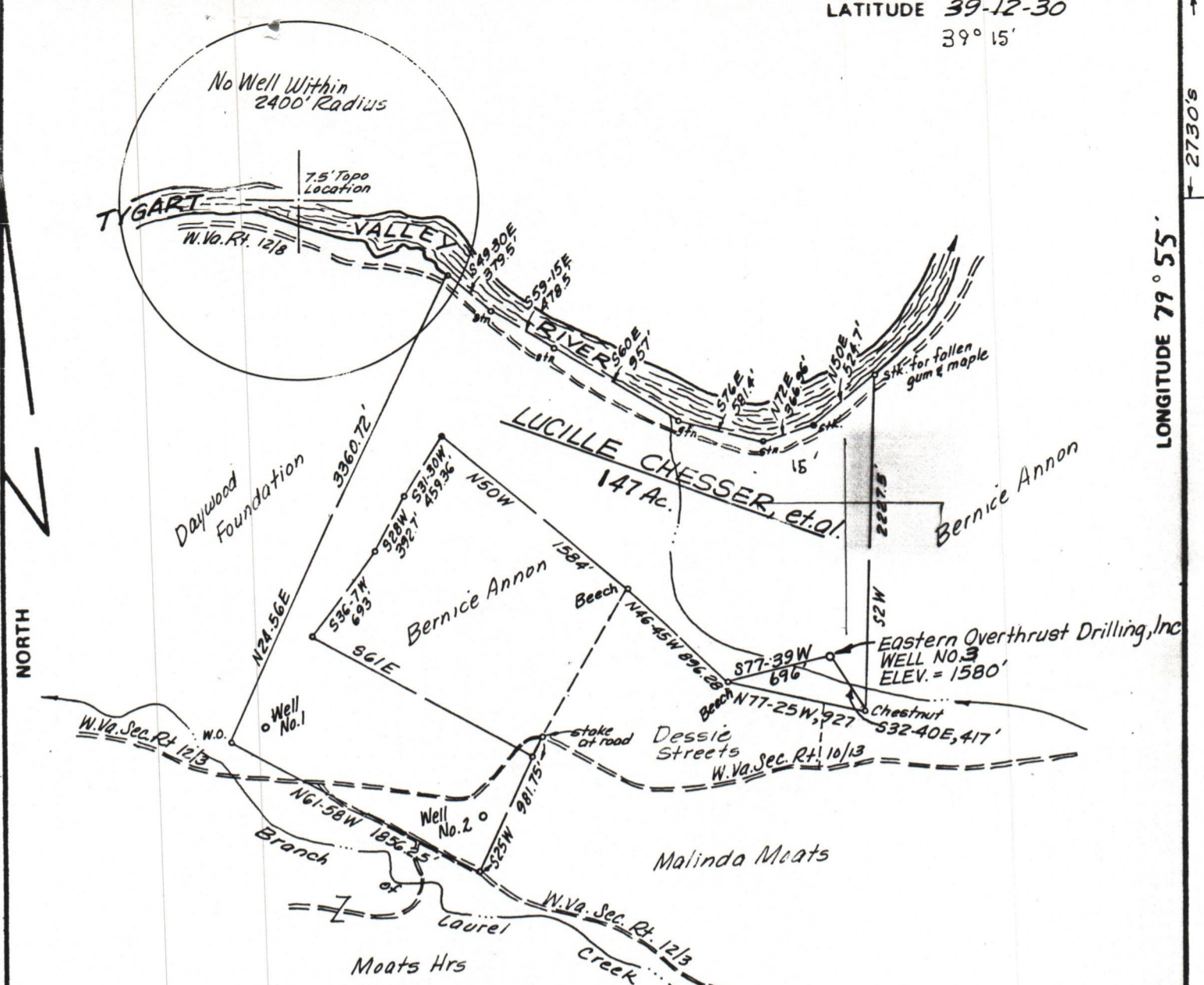
September 19, 1985
DATE

3-9-82

11,740's

LATITUDE 39-12-30
39° 15'

LONGITUDE 79° 55'



COAL OWNER:

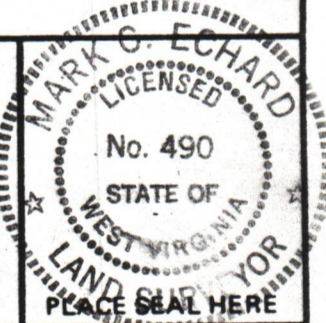
Lucille Chesser
14 N. Walnut St.
Philippi, W.Va. 26416

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BM 2500± NE OF LOCATION, ELEV = 1196'

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.

Mark C. Echard
 (SIGNED) MARK C. ECHARD

R.P.E. _____ L.L.S. 490



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

FORM IV-6 (8-78)



DATE FEBRUARY 23, 1982
 OPERATOR'S WELL NO. THREE
 API WELL NO. _____
47 - 001 - 1752-Per
 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 1580' WATER SHED TYGART VALLEY RIVER
 DISTRICT COVE COUNTY BARBOUR
 QUADRANGLE NESTORVILLE 7.5'
 SURFACE OWNER LUCILLE CHESSER, et al. ACREAGE 147
 OIL & GAS ROYALTY OWNER LUCILLE CHESSER, et al. LEASE ACREAGE 147

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 HAVERTY ESTIMATED DEPTH 5600'
 WELL OPERATOR EASTERN OVERTHRUST DRILLING INC DESIGNATED AGENT MR. RICHARD HINKLE
 ADDRESS P.O. BOX 600 ADDRESS P.O. BOX 600
ANMOORE, W. VA. 26323 ANMOORE, W. VA. 26323