



1) Date: 7 December, 19 82
 2) Operator's Well No. HAZELBAKER #1
 3) API Well No. 47 085 6133
 State County Permit

DRILLING CONTRACTOR:

EASTERN OVERTHRUST DRILLING, INC.
Anmoore, WV 26323

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XX / Gas XX /
 B (If "Gas", Production XX / Underground storage XX / Deep XX / Shallow XX /)
- 5) LOCATION: Elevation: 1087' Watershed: Bunnell Run
 District: Clay County: Ritchie Quadrangle: Pennsboro
- 6) WELL OPERATOR EASTERN OVERTHRUST 11) DESIGNATED AGENT Richard Hinkle
 Address PO Box 600 DRILLING, INC. Address PO Box 600
Anmoore, WV 26323 Anmoore, WV 26323
- 7) OIL & GAS ROYALTY OWNER Brenden Hazelbaker 12) COAL OPERATOR _____
 Address 102 Orchard St. Address _____
Pennsboro, WV 26415
 Acreage 75 ac. 86 pl.
- 8) SURFACE OWNER Brenden Hazelbaker 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 102 Orchard St. Name Brenden Hazelbaker
Pennsboro, WV 26415 Address 102 Orchard St.
 Acreage 75 ac. 86 pl. Pennsboro, WV 26415
- 9) FIELD SALE (IF MADE) TO: Name _____ Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name Deo Mace Address Rt. 1, Box 65 Sandridge, WV 25274
- 14) COAL LESSEE WITH DECLARATION ON RECORD: Name _____ Address _____
- 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, Devonian Shale
- 17) Estimated depth of completed well, 5990' feet
- 18) Approximate water strata depths: Fresh, 75 to 100' feet; salt, 600' ± feet.
- 19) Approximate coal seam depths: Unknown 287' Is coal being mined in the area? Yes _____ / No X

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>			<input checked="" type="checkbox"/>					Kinds
Fresh water						<u>320'</u>	<u>320'</u>	<u>CTS</u>	Sizes
Coal								<u>To Surface</u>	Depths set
Intermediate	<u>8 5/8"</u>		<u>23#</u>	<input checked="" type="checkbox"/>			<u>1500'</u>	<u>600 Sacks</u>	Perforations:
Production	<u>4 1/2"</u>		<u>10 1/2#</u>	<input checked="" type="checkbox"/>					Top Bottom
Tubing									
Liners									

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. (attached)
 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 XXX

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: _____
 My Commission Expires _____

Signed: Richard L. Hinkle
 Its: Richard Hinkle, President

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-6133

Date December 29, 1982
03/29/2024

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 August 29, 1983

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

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>MA</u>	Casing: <u>MA</u>	Fee: <u>3790</u>
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Richard B. Smith
 Administrator, Office of Oil and Gas

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

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: Dec 27, 19 82

By Brendan J. Hoyle Baker

Its _____

03/29/2024



IV-9
(Rev 8-81)

DATE 7 December 1982

WELL NO. HAZELBAKER #1

State of West Virginia

API NO. 47-085-6133

Department of Mines

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME EASTERN OVERTHRUST DRILLING, INC. DESIGNATED AGENT RICHARD HINKLE
 Address PO Box 600 Anmoore, WV 26323 Address PO Box 600 Anmoore, WV 26323
 Telephone 304-622-2197 Telephone 304-622-2197

LANDOWNER Brenden Hazelbaker SOIL CONS. DISTRICT Little Kanawha
 Revegetation to be carried out by _____ Operator _____ (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 12-7-82 (Date)

Jarrett Newton
(SCD Agent)

RECEIVED
DEC 28 1982

ACCESS ROAD	LOCATION
Structure <u>Culverts</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>As Shown (Min. 15" on State Roads and County roads)</u>	Material <u>soil (2% max. slope)</u>
Page Ref. Manual <u>2-7</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Drainage Ditch</u> (B)	Structure <u>Drilling Pit</u> (2)
Spacing <u>To be constructed along road.</u>	Material <u>Soil</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>-----</u>
Structure <u>Cross Drains</u> (C)	Structure <u>Sediment trap</u> (3)
Spacing <u>5%-135' 15%-60' 10%-80' 20%-45'</u>	Material <u>Soil</u>
Page Ref. Manual <u>2-4</u>	Page Ref. Manual <u>-----</u>

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

Note: Drainage to be maintained after completion of well and seeding to commence within 3 months after completion of well.

REVEGETATION

Treatment Area I	Treatment Area II
Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2</u> Tons/acre	Mulch <u>Hay</u> <u>2</u> Tons/acre
Seed* <u>Ky-31 Tall Fescue</u> <u>30</u> lbs/acre	Seed* <u>Ky-31 Tall Fescue</u> <u>30</u> lbs/acre
<u>Birdsfoot Trefoil</u> <u>10</u> lbs/acre	<u>Birdsfoot Trefoil</u> <u>10</u> lbs/acre
<u>Domestic Ryegrass</u> <u>10</u> lbs/acre	<u>Domestic Ryegrass</u> <u>10</u> lbs/acre

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

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

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

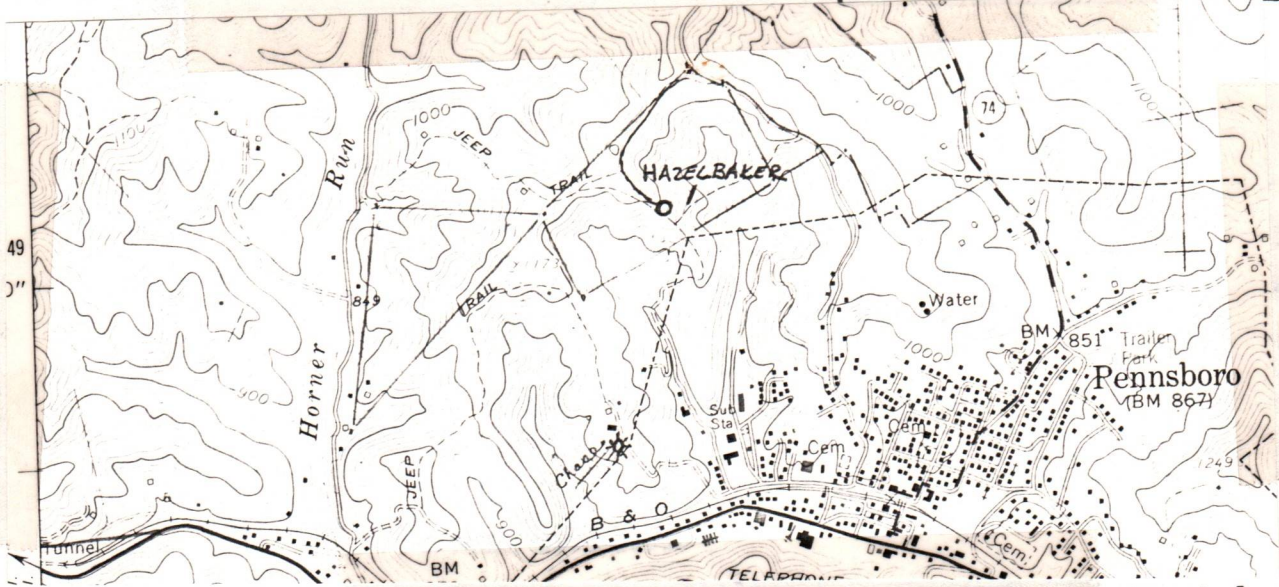
ADDRESS Rt. 2, Box 375-6
Buckhannon, WV 26201
PHONE NO. 304-472-0817

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE PENNSBORO, WV

LEGEND

Well Site ⊕

Access Road ———

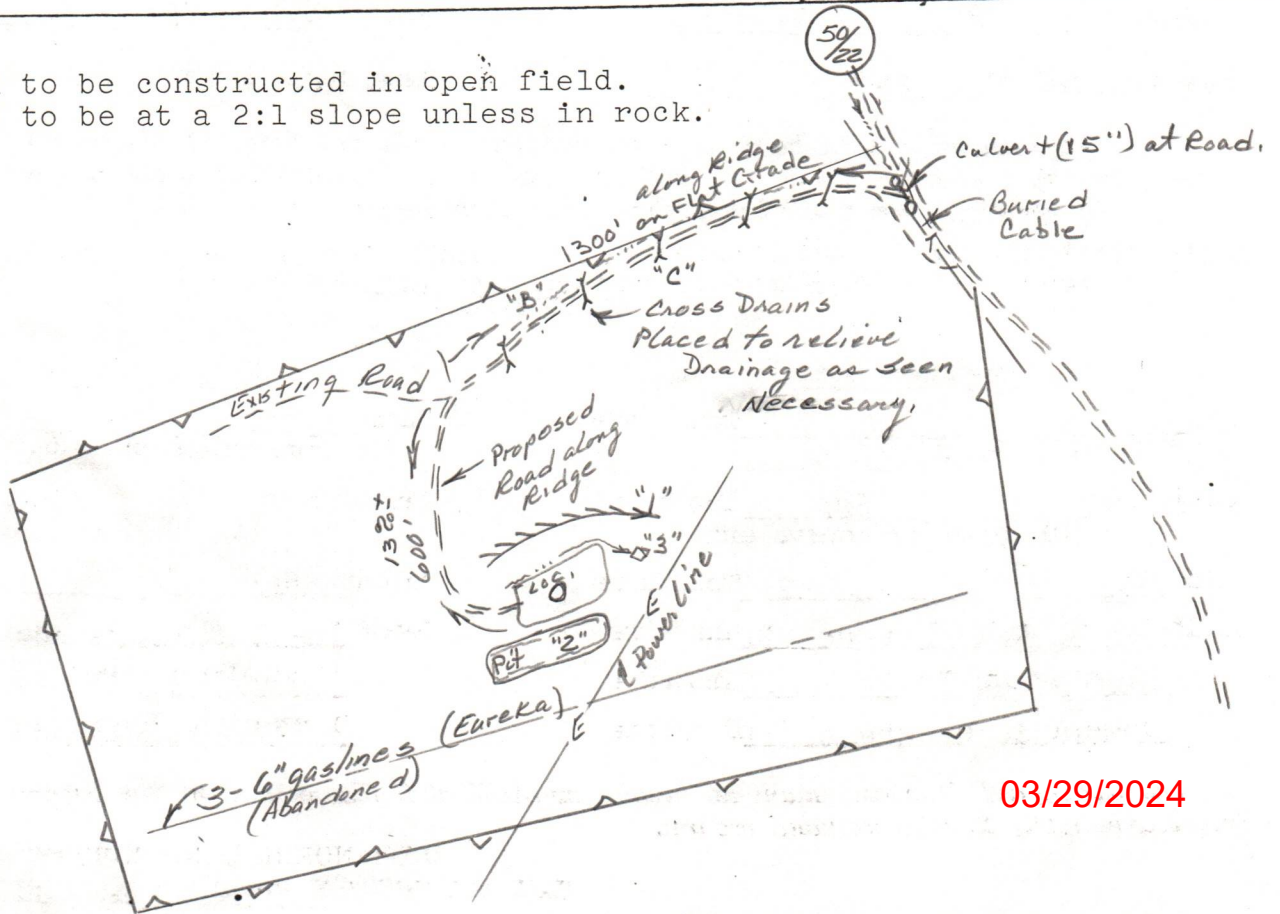


Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

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

Location to be constructed in open field.
All cuts to be at a 2:1 slope unless in rock.



03/29/2024

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

RECEIVED

MAY 10 1983

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6133

Oil or Gas Well _____
(KIND)

Company Eastern Overthrust

Address _____

Farm Brenden Hazelbaker

Well No. Hazelbaker #1

District Clay County Putnam

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 May ~~Cancelled~~ Permit

Remarks: Checked location site - no dirt work or brush work has been done. OK to release

5-6-83
DATE

Samuel N. [Signature] 03/29/2024
DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

May 18, 1983

Eastern Overthrust Drilling, Inc.
P. O. Box 600
Brushy Fork Road
Anmore, W. Va. 26323

In Re: PERMIT NO: 47-085-6133
FARM: Brenda Hazelbaker
WELL NO: 1
DISTRICT: Clay
COUNTY Ritchie

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this office. Only the column check below applies:

- XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)
- Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who 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 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

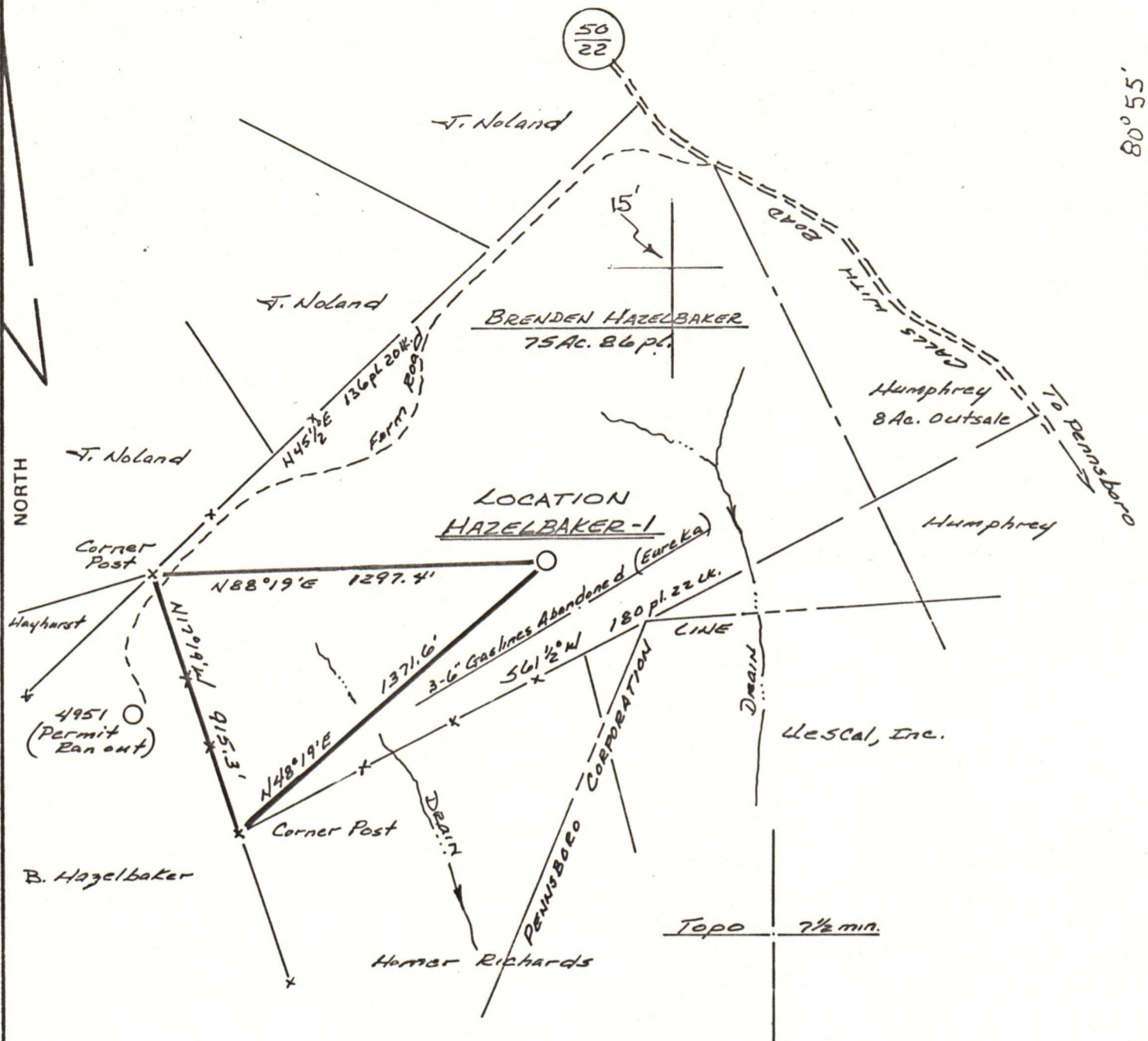
TMS/

03/29/2024

LATITUDE 39°20'00"

5300'

LONGITUDE 80°55' 80°57'30"



FILE NO. 557.01
 DRAWING NO. 82-27
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot Elev. 1173 West 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) Rayford 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 7 December, 19 82
 OPERATOR'S WELL NO. HAZELBAKER-1
 API WELL NO. 47 - 085 - 6133
 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 1087' WATER SHED Bunnell Run
 DISTRICT Clay COUNTY Ritchie
 QUADRANGLE Pennsboro
 SURFACE OWNER Brenden Hazelbaker ACREAGE 75 Ac. 86 pl.
 OIL & GAS ROYALTY OWNER Brenden Hazelbaker LEASE ACREAGE 75 Ac. 86 pl.
 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 DEV. SHALE ESTIMATED DEPTH 5990'
 WELL OPERATOR EASTERN OVERTHRUST DESIGNATED AGENT RICHARD HINKLE
 ADDRESS P.O. Box 600 DRILLING, INC. ADDRESS P.O. Box 600
Am Moore, W.Va. 26323 Am Moore, W.Va. 26323

CANCELLED

03/29/2024