



1) Date: NOVEMBER 24, 1982
 2) Operator's Well No. GOLDIN C-5
 3) API Well No. 47 085 6038
 State County Permit

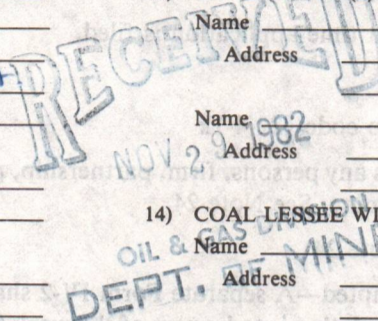
DRILLING CONTRACTOR:

unknown

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 850' / Watershed: S.F. HUGHES RIVER
 District: MURPHY / County: RITCHIE / Quadrangle: MACFARLAN
- 6) WELL OPERATOR ENERGY UNLIMITED, INC. 11) DESIGNATED AGENT DAVID C. CLOVIS
 Address 427 SECOND ST. Address UNION TRUST BLDG.
MARIETTA, OHIO 45750 PARKERSBURG, W.VA.
- 7) OIL & GAS ROYALTY OWNER MARGARET GOLDIN, ETAL 12) COAL OPERATOR NA
 Address 1408 LIBERTY ST. Address _____
PARKERSBURG, W.VA.
- 8) SURFACE OWNER WEST VALCO 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address P.O. BOX 4216 Name _____
PARKERSBURG, W.VA. Address _____
 Acreage 169 Name _____
 Acreage 169 Address _____
- 9) FIELD SALE (IF MADE) TO: _____
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name SAM HERSHMAN
 Address P.O. BOX 66
SMITHVILLE, W.VA.
- 15) PROPOSED WORK: Drill / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Upper Devonian Brown Shale
- 17) Estimated depth of completed well, 4300 feet
- 18) Approximate water strata depths: Fresh, 200' feet; salt, 1700' feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No



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>13</u>			<input checked="" type="checkbox"/>		<u>20'</u>	<u>to be pulled</u>		Kinds
Fresh water	<u>8 5/8"</u>	<u>ERW</u>	<u>23#</u>	<input checked="" type="checkbox"/>		<u>1100'</u>	<u>1100'</u>	<u>to surface</u>	Sizes
Coal									Depths set
Intermediate									Perforations:
Production	<u>4 1/2"</u>	<u>ERW</u>	<u>10.5#</u>	<input checked="" type="checkbox"/>		<u>4300 TO</u>	<u>4300 TO</u>	<u>2600 ft.</u>	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.
 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: Edward W. Jones
 My Commission Expires Sept 6, 1984

Signed: James J. Hanken
 Its: Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6038 Date December 1 04/05/2024 1982

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>OR</u>	Plat: <u>M.A. M.A.</u>	Casing	Fee <u>2152</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 _____

04/05/2024

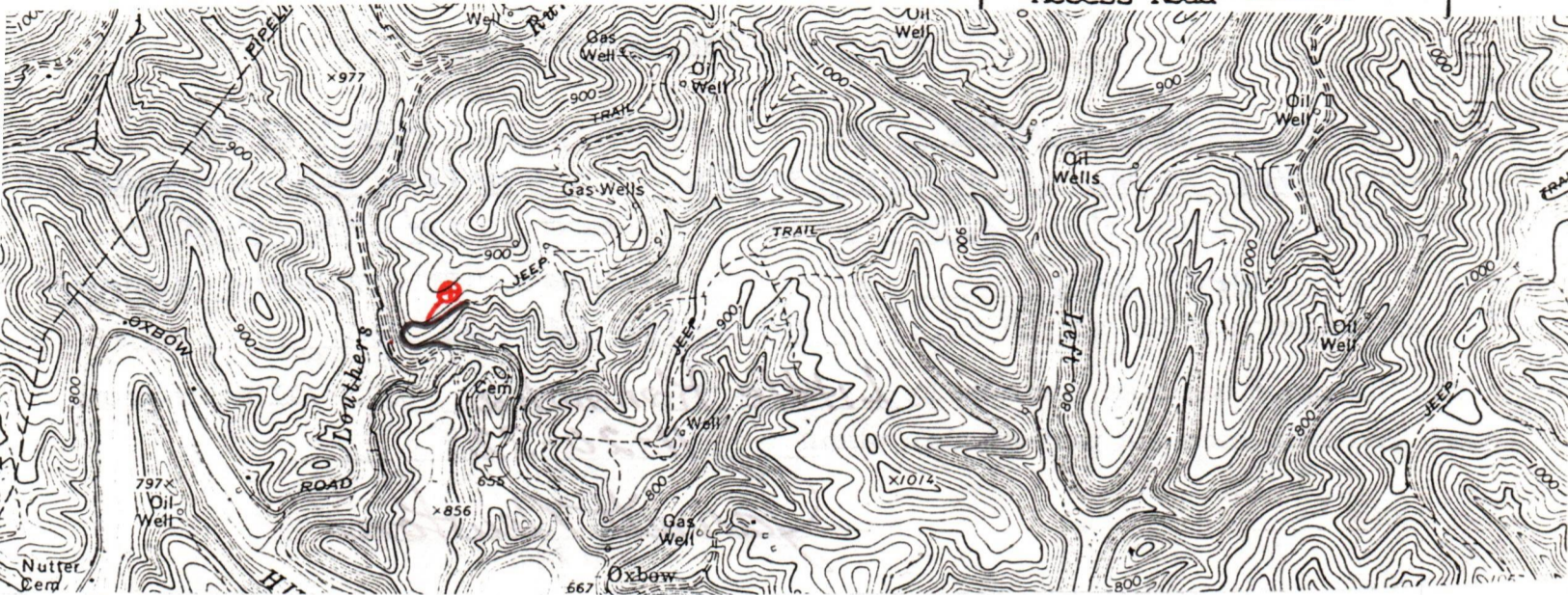
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE MACFARLAN

LEGEND

LEASE ROAD ————

Well Site ⊕

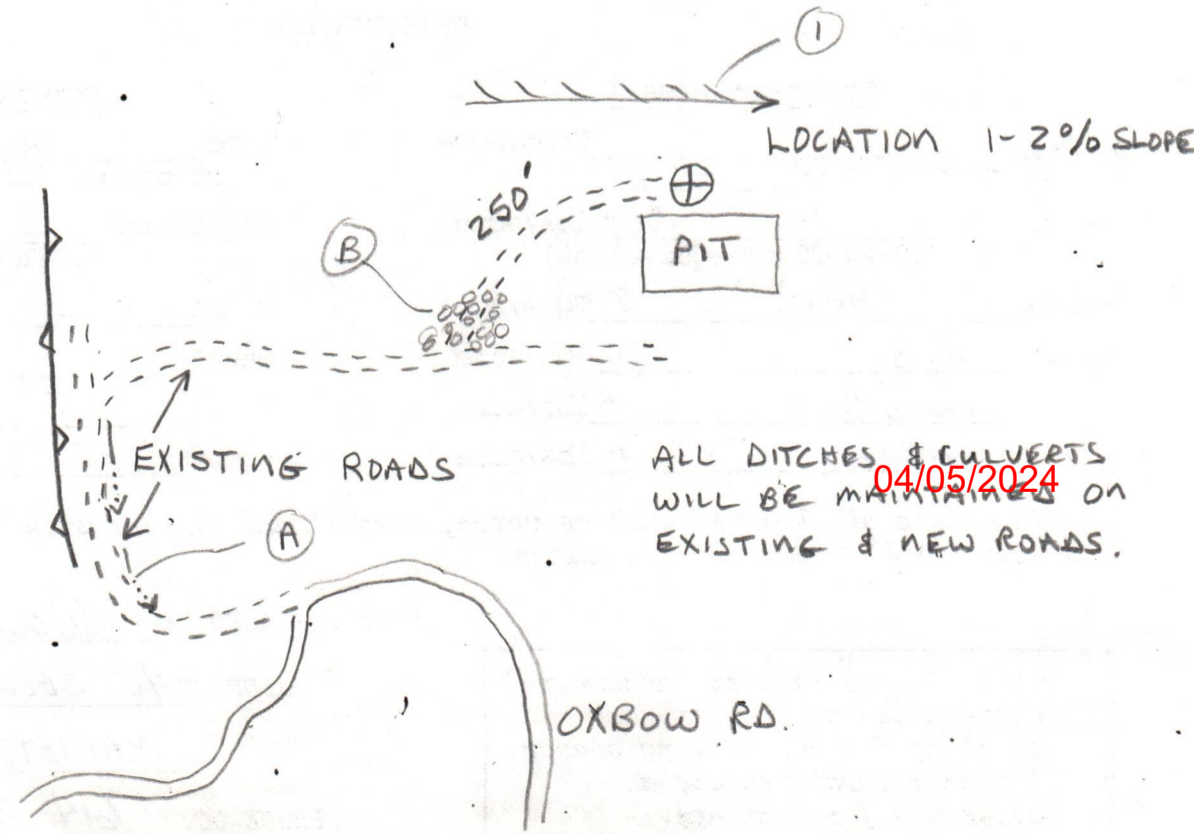
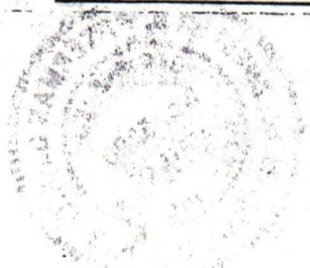
Access Road ————



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 —	Wet spot ⊕
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ —
Open ditch — ···· →	Waterway ← = = = = →





IV-9
(Rev 8-81)

DATE NOVEMBER 17, 1982

WELL NO. C-5 GOLDIN

State of West Virginia

API NO. 47-085-6038

Department of Mines

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME ENERGY UNLIMITED, INC.

DESIGNATED AGENT DAVID C. CLOVIS

Address 427 SECOND ST. MARIETTA, OHIO 45750

Address UNION TRUST BLDG. PARKERSBURG, W.VA.

Telephone 614-373-7267

Telephone 304-485-4403

LANDOWNER WEST VACO

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by UNLIMITED SERVICES, INC. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 11-20-82

(Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure DRAINAGE DITCH (A)

Structure DIVERSION DITCH (1)

Spacing _____

Material EARTHEN

Page Ref. Manual I-4 2-12

Page Ref. Manual I-9 2-12

Structure RIP RAP (B)

Structure _____ (2)

Spacing or ROCK base

Material _____

Page Ref. Manual N/A

Page Ref. Manual _____

Structure _____ (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

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

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime SAME AS I Tons/acre
or correct to pH _____

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

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

Mulch (HAY) 2 Tons/acre

Mulch _____ Tons/acre

Seed* Ky 31 30 lbs/acre

Seed* _____ lbs/acre

LADINO CLOVER 5 lbs/acre

RYEGRASS 10 lbs/acre

_____ lbs/acre

_____ lbs/acre

04/05/2024

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

PLAN PREPARED BY Woody Stines

ADDRESS 427 SECOND ST.

MARIETTA, OHIO 45756

PHONE NO. 614-373-7267

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

CODE 22-4-11(C)

Energy Unlimited, Inc.
427 Second Street
Marietta, Ohio 45750

WELL NAME

GOLDIN C-5

- (1) DESCRIPTION - 169 acres located in
Murphy District, Ritchie County, W. Va.
- (2) LEASE NAMES - Margaret Goldin, et al
1408 Liberty Street
Parkersburg, West Virginia
- (3) LEASE INFO. - Lease Dated: 5/15/75
Recorded: 8/28/75
Vol 119, Page 204
- (4) ROYALTY PROVISIONS - 1/8th of all the oil and gas produced
from said premises

RECEIVED
NOV 29 1982
OIL & GAS DIVISION
DEPT. OF MINES

04/05/2024

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED
 JAN 12 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 47-085-6038 County Ritchie
 Company Energy Unlimited Inc Farm West vaco
 Inspector Sam Hersman Well No. Goddin C-5
 Date Jan. 6 '1984

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: Cancelled
No road or location made

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Samuel M. Hersman
 DATE: Jan. 6 - 84

04/05/2024

RECEIVED

MAY 2 1914

OIL & GAS DIVISION

DEPT. OF MINES

04/05/2024



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

January 17, 1984

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

Energy Unlimited, Inc.
427 Second Street
Marietta, Ohio 45750

In Re: PERMIT NO: RIT-6038
 FARM: Margaret Goldin
 WELL NO: Westvaco (C-5)
 DISTRICT: Murphy
 COUNTY Ritchie
 ISSUED 12-1-82

Gentlemen:

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

XXXX 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,

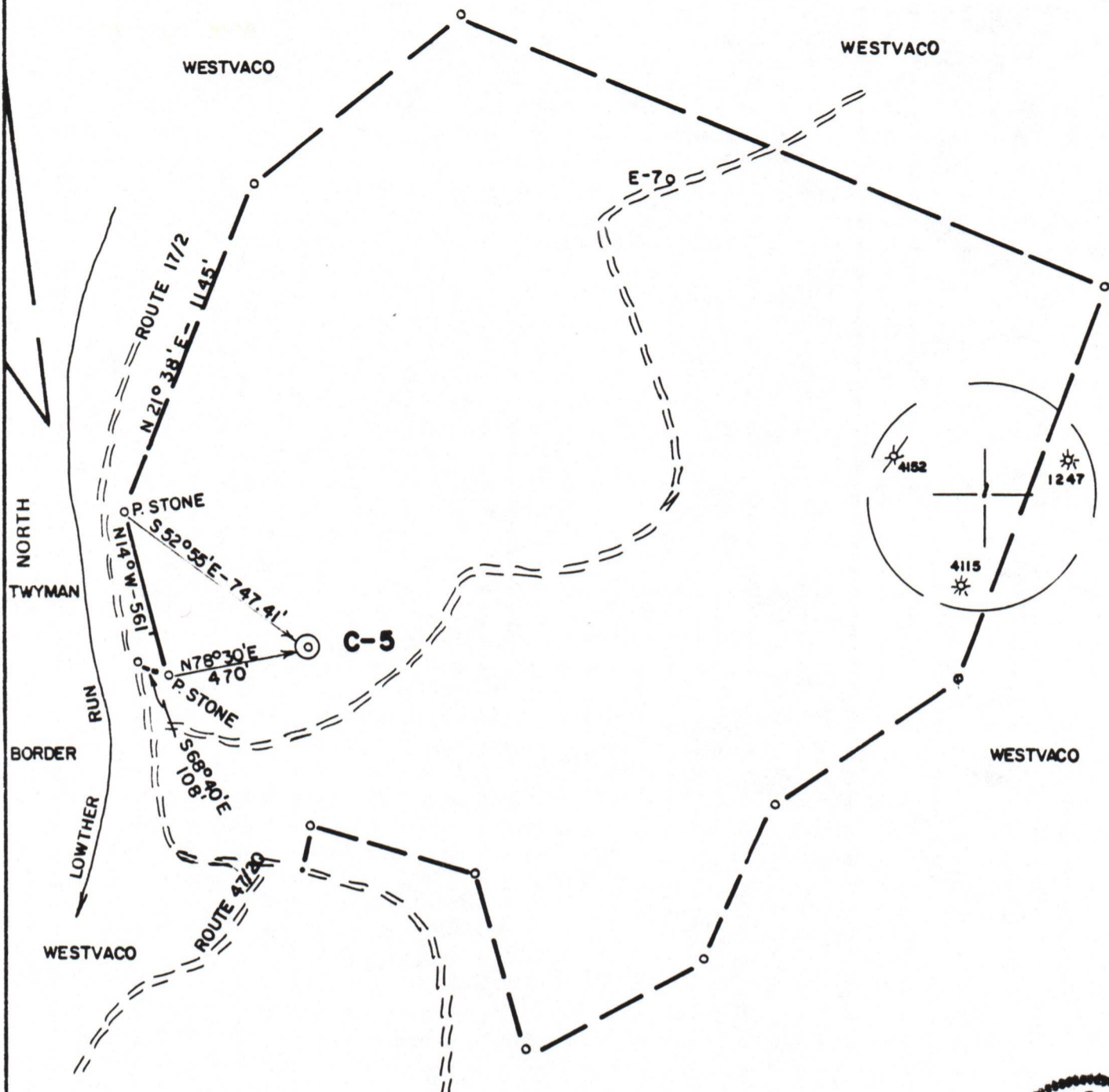
Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

TMS/ chm

04/05/2024

LATITUDE 39° 07' 30"

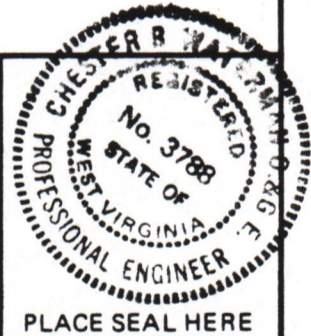
LONGITUDE 81° 12' 30"



FILE NO. 82-441
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION ROAD INT. (655')

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) *John Waterman*
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 11/15, 19 82
 OPERATOR'S WELL NO. C-5
 API WELL NO. 47-085-6038
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 850 WATER SHED S. F. HUGHES RIVER
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE MACFARLAN 7.5'
 SURFACE OWNER WESTVACO ACREAGE 169
 OIL & GAS ROYALTY OWNER T. GOLDEN HEIRS LEASE ACREAGE 169 04/05/2024
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5000'
 WELL OPERATOR ENERGY UNLIMITED DESIGNATED AGENT DAVID CLOVIS
 ADDRESS 427-2ND ST. MARIETTA, OH ADDRESS PARKERSBURG, WV

HUNTS SOUTH 8120'

RT-6038