



1) Date: 6/-----5-----, 19 83  
 2) Operator's Well No. Goodnight No#1-A  
 3) API Well No. 47 - 085 - 6537 State        County        Permit       

DRILLING CONTRACTOR:

BURDETTA DRILLING  
Charleston 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 \*\*\*\*\*  
 B (If "Gas", Production \*\*\*\*\* / Underground storage        / Deep        / Shallow       )
- 5) LOCATION: Elevation: 960 Ft. Watershed: BONDS CREEK  
 District: CLAY County: RITCHIE Quadrangle: ELLENBORO 7.5
- 6) WELL OPERATOR WRAY PETROLEUM 11) DESIGNATED AGENT Ronnie Cain  
 Address RT. 2 BOX H-2 Address Rt. 2 Box H-2  
PENNSBORO W. Va. 26415 Pennsboro W. Va.
- 7) OIL & GAS ROYALTY OWNER JACK BURG 12) COAL OPERATOR N/A  
 Address RT. 1 Address         
MOUNTAIN W. Va.
- 8) SURFACE OWNER GLENNA GOODNIGHT 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address RT. 1 PENNSBORO W. VA. Name         
 Address        Address N/A
- 9) FIELD SALE (IF MADE) TO: Name         
 Address N/A Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name Sam Hersman  
 Address Smithville W. Va.  
304-477-3597
- 15) PROPOSED WORK: Drill \*\*\*\*\* / Drill deeper        / Redrill        / Fracture or stimulate JUN/- 8 1983  
 Plug off old formation        / Perforate new formation         
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Marcellus shale OIL & GAS DIVISION  
 17) Estimated depth of completed well, 5990 feet DEPT. OF MINES  
 18) Approximate water strata depths: Fresh, 200 feet; salt,        feet.  
 19) Approximate coal seam depths: N/A Is coal being mined in the area? Yes        / No \*\*\*\*\*

**RECEIVED**  
 JUN - 8 1983  
 OIL & GAS DIVISION  
 DEPT. OF MINES

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	12 3/4	24	**			300 Ft.	125 sks.	Kinds <u>NEAT</u>	
Fresh water								Sizes	
Coal								Depths set	
Intermediate	8 5/8	24	**			2,200	500 sks.	Perforations:	
Production	5 1/2	15				5,990	500 sks.	Top	
Tubing								Bottom	
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: Linda Lou Cain  
 My Commission Expires June 22, 1988

Signed: Ronnie Cain  
 Its: AGENT

OFFICE USE ONLY

DRILLING PERMIT

Permit number 47-085-6537 Date June 14 1983  
08/18/2023

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 14, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>L</u>	Plat: <u>      </u>	Casing: <u>      </u>	Fee: <u>141</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 the well \_\_\_\_\_ 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.

08/18/2023

Date: \_\_\_\_\_, 19\_\_\_\_

By _____	Its _____
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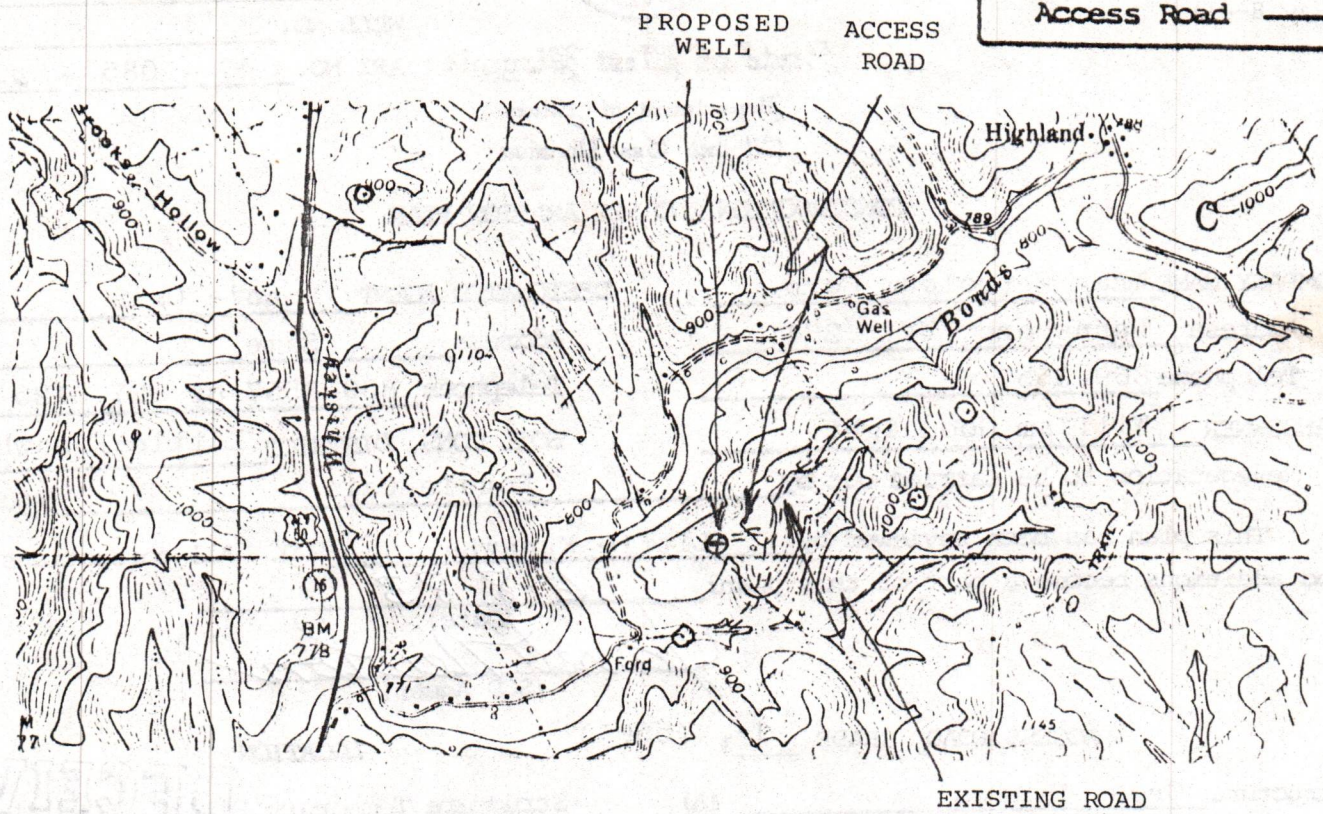


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE ELLENBORO 7.5'

**LEGEND**

Well Site ⊕

Access Road ———



**WELL SITE PLAN**

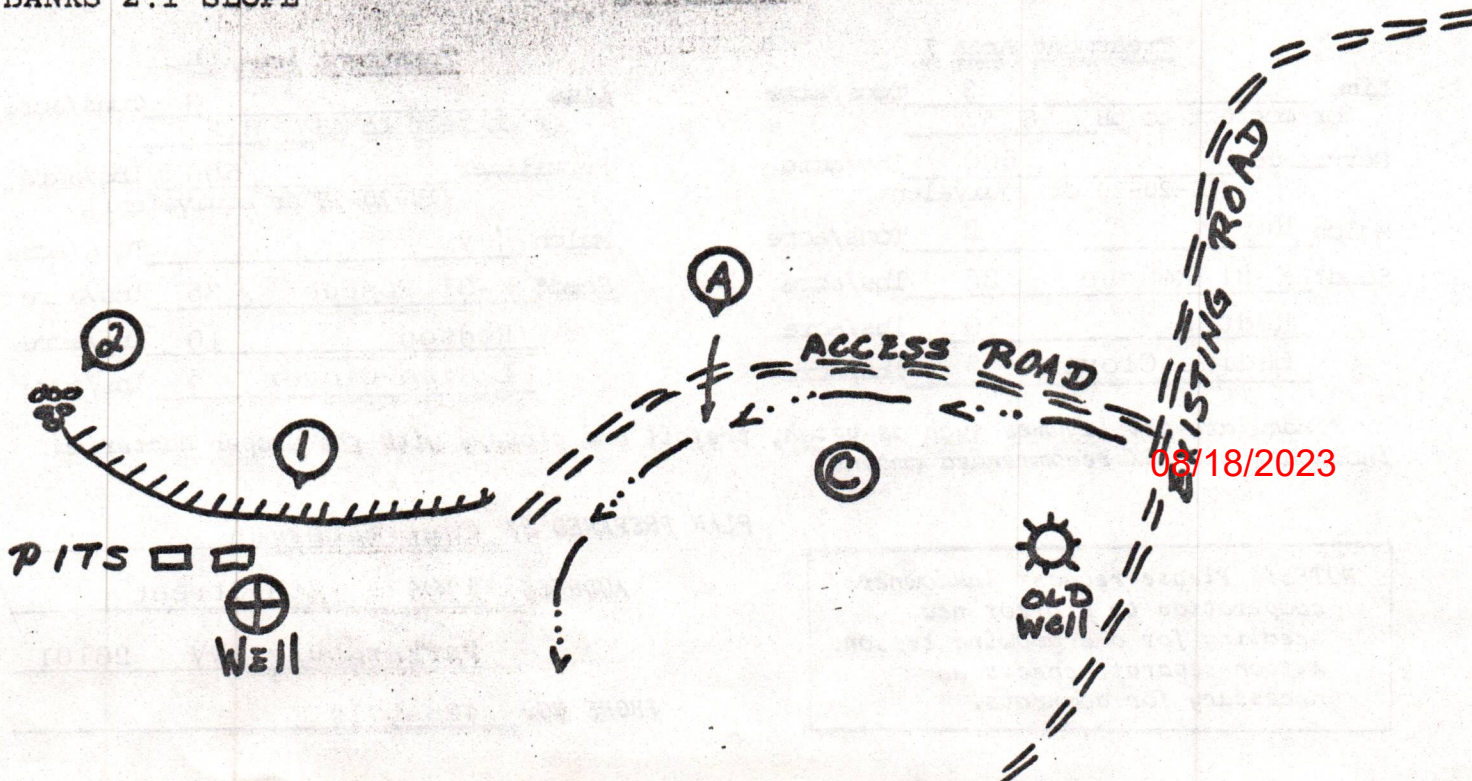
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

**LEGEND**

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

ACCESS ROAD GRADE 1% (550')  
ROAD BANKS 2:1 SLOPE

LOCATION GRADE = 1% INTO DIVERSION DITCH



TREES TO BE CUT AND STACKED. BRUSH TO BE DISPOSED OF BEFORE EARTHWORK BEGINS. REVEGETATION TO BE COMPLETED WITHIN SIX MONTHS OF WELL COMPLETION.

IV-9  
(Rev 8-81)



DATE 6/1/83  
WELL NO. 1  
API NO. 47 - 085 - 6537

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Wray Petroleum Corp. DESIGNATED AGENT Ronnie Cain  
Address Pennsboro, WV 26415 Address Same  
Telephone 869-3557 Telephone 869-3557 or 927-5125  
LANDOWNER William Goodnight SOIL CONS. DISTRICT Little Kanawha  
Revegetation to be carried out by Ronnie Cain (Agent)

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

6-8-83 (Date)  
Jarrett Newton  
(SCD Agent)

ACCESS ROAD GRADE 1 % (550')

Structure Cross Drains (A)  
Spacing 400' Apart  
Page Ref. Manual 2-4  
Structure Culvert (B)  
Spacing N/A  
Page Ref. Manual 2-7  
Structure Open Ditch (C)  
Spacing Along side of access road  
Page Ref. Manual 2-12

LOCATION  
Structure Temporary Diversion Ditch (1)  
Material Soil  
Page Ref. Manual 2-12  
Structure Rip Rap OIL & GAS DIVISION DEPT. OF MINES (2)  
Material Rock  
Page Ref. Manual N/A 2-9  
Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

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JUN - 8 1983

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 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay 2 Tons/acre  
Seed\* K-31 Fescue 35 lbs/acre  
Redtop 10 lbs/acre  
Ladino Clover 5 lbs/acre

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay 2 Tons/acre  
Seed\* K-31 Fescue 35 lbs/acre  
Redtop 10 lbs/acre  
Ladino Clover 5 lbs/acre

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

08/18/2023

PLAN PREPARED BY Chet Waterman  
ADDRESS 1704 - 18th Street  
Parkersburg, WV 26101  
PHONE NO. 428-5715

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



# WRAY PETROLEUM CORP.

519 South Otterbein Avenue  
Westerville, Ohio 43081  
(614) 891-6401

**RECEIVED**

MAR 20 1985

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

March 18, 1985

Sandra K. Moles  
State of West Virginia  
Department of Mines  
Charleston, WV 25305

Dear Ms. Moles:

As per your letter of March 6, 1985, the Goodnight 1-A permitted for 47-085-6537 was never drilled under this permit. A new permit was submitted and the Goodnight well was drilled under permit number 47-085-7239.

Sincerely,

*Teresa L. Cale*

Teresa L. Cale

08/18/2023

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

**RECEIVED**  
 JUN 28 1985

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

Permit No. 085-6537 County. Ritchie  
 Company. Wray Petroleum Corporation Farm. William Goodnight  
 Inspector. Samuel Hersman Well No. One  
 Date. March 22, 1985 Issued. 6/14/83

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	_____	_____

*Cancel*

COMMENTS: Please release this permit under cancellation

Re-Issued under Permit Number: 085-7239.....

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 N. Hersman

DATE: 8-21-85

08/18/2023

RECEIVED  
AUG 28 1982

DEPARTMENT OF ENERGY  
DIVISION OF OIL & GAS

08/18/2023





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

September 6, 1985

ARCH A. MOORE, JR.  
 Governor

Wray Petroleum Corporation  
 Route 2, Box H-2  
 Pennsboro, West Virginia 26415

In Re: Permit No: 47-085-6537  
 Farm: William Goodnight  
 Well No: 1-A  
 District: Clay  
 County: Ritchie  
 Issued: 6-14-83

Gentlemen:

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

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

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 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

XXXXX PERMIT CANCELLED - NEVER DRILLED

Very truly yours,

Theodore M. Streit

TMS/ nw

08/18/2023

6-9-83

6900' WEST

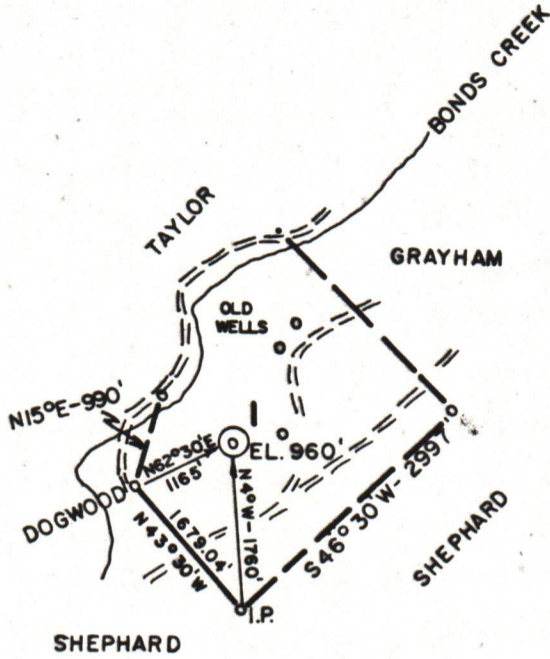
LATITUDE 39° 20' 00"

81° 02' 30"

LONGITUDE

HIGHS 14,950' SOUTH

NORTH



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

FILE NO. **83-294**  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1" = 2000'**  
 MINIMUM DEGREE OF ACCURACY **1" / 200'**  
 PROVEN SOURCE OF ELEVATION **HIGHLAND (788')**

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) *Chester B. Waterman*  
 R.P.E. **3788** L.L.S. \_\_\_\_\_



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



DATE **6/1**, 19 **83**

OPERATOR'S WELL NO. **1**

API WELL NO. \_\_\_\_\_

**47** **085** **6537**

STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_

LOCATION: ELEVATION **960** WATER SHED **BONDS CREEK**

DISTRICT **CLAY** COUNTY **RITCHIE**

QUADRANGLE **ELLENBORO 7.5'**

SURFACE OWNER **WILLIAM GOODNIGHT** ACREAGE **112**

OIL & GAS ROYALTY OWNER **P. C. MAHANEY HEIRS** LEASE ACREAGE **112** **08/18/2023**

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 **MARCELLUS SHALE** ESTIMATED DEPTH **5990'**

WELL OPERATOR **WRAY PETROLEUM CORP.** DESIGNATED AGENT **RONNIE CAIN**

ADDRESS **ROUTE 2, BOX H-2** ADDRESS **SAME**

**PENNSBORO, WV 26415**

COUNTY NAME

PERMIT

RIT.

6537

FORM IV-6 (6-78)

H.T. HALL

6-9-83

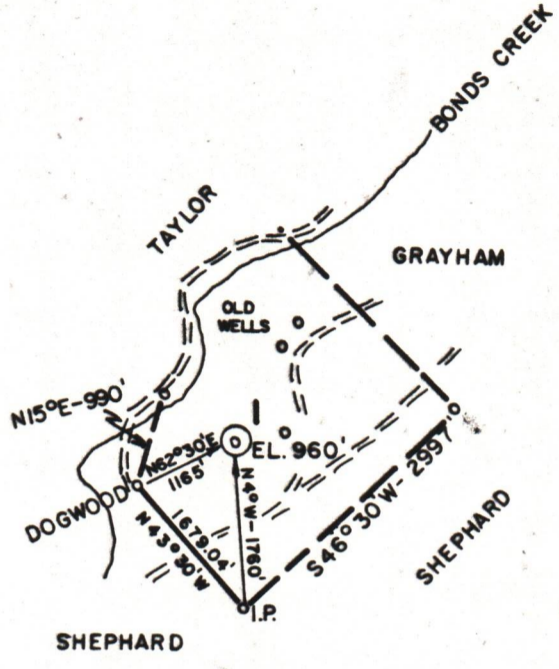
6900' WEST

LATITUDE 39° 20' 00"

LONGITUDE 81° 02' 30"

14,950' SOUTH

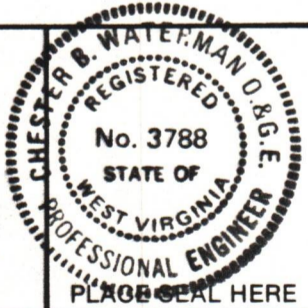
NORTH



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

FILE NO. 83-294  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1" / 200'  
 PROVEN SOURCE OF ELEVATION HIGHLAND (788')

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 (SIGNED) *Chester B. Waterman*  
 R.P.E. 3788 L.L.S. \_\_\_\_\_



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



DATE 6/1, 19 83  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 960' WATER SHED BONDS CREEK  
 DISTRICT CLAY COUNTY RITCHIE

QUADRANGLE ELLENBORO 7.5'

SURFACE OWNER WILLIAM GOODNIGHT ACREAGE 112  
 OIL & GAS ROYALTY OWNER P. C. MAHANEY HEIRS LEASE ACREAGE 112 08/18/2023

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 MARCELLUS SHALE ESTIMATED DEPTH 5990'  
 WELL OPERATOR WRAY PETROLEUM CORP. DESIGNATED AGENT RONNIE GAIN  
 ADDRESS ROUTE 2, BOX H-2 ADDRESS SAME  
PENNSBORO, WV 26415

COUNTY NAME

PERMIT

RIT.

6537

FORM IV-6 (8-78)

H.T. HALL