



FORM IV-2
(Obverse)
(12-81)

Date: June 4, 19 82

Operator's Well No. B-498

API Well No. 47 - 001 - 1823

State County Permit

(Formerly: BAR-1778)

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

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

LOCATION: Elevation: 1503' Watershed: Tygart Valley River

District: Philippi County: Barbour Quadrangle: Philippi 7.5 min.
J & J Enterprise Inc. %

WELL OPERATOR Berry Energy Consultants & Mgrs. DESIGNATED AGENT J & J Enterprise Inc. %
Berry Energy Consultants & M

Address P.O. Box 5 LOCATED: 11th Floor Union National Bank Bldg
Clarksburg, West Virginia 26301 Clarksburg, W.Va. 26301

OIL & GAS ROYALTY OWNER Charles D. Norris

Address Rt. 3
Philippi, WV 26416

Acreage 11

COAL OPERATOR Not operated

Address Mined Out

SURFACE OWNER SAME as Royalty Owner

Address SAME

Acreage 12.16

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name Badger Coal Company

Address c/o James Brockwell
Philippi, WV 26416

Name _____

Address _____

FIELD SALE (IF MADE) TO:

Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

Name **RECEIVED**

Address _____

JUN - 9 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Robert Stewart

Address P. O. Box 345

Jane Lew, WV 26378

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed _____ / lease XX
other contract _____ / dated Dec. 11, 19 81, to the undersigned well operator from Charles D. Norris &
Nina L. Norris, his wife to W. B. Berry
(IF said deed, lease, or other contract has been recorded:)

Recorded on December 22, 19 81, in the office of the Clerk of the County Commission of Barbour County, West
Va., in O/G Book 89 at page 240. A permit is requested as follows:

PROPOSED WORK: Drill XX / 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 the receipt of this Application by the
Department.

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.

J & J ENTERPRISE INC. 12/29/2023

BERRY ENERGY CONSULTANTS & MGRS.

Well Operator

By [Signature]

Its Operator

BLANKET BOND

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY
TO:

WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISS-
SION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S.W. JACK DRILLING COMPANY
Address P.O. BOX 48
BUCKHANNON, W.VA. 26201

GEOLOGICAL TARGET FORMATION, 4th Elk

Estimated depth of completed well, 5000' feet Rotary XX / Cable tools /
Approximate water strata depths: Fresh, 70-345-1450' feet; salt, None feet.
Approximate coal seam depths: 125-350-550' Is coal being mined in the area? Yes / No XX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	11-3/4	API	42#	X		480'	400'	CTS	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8-5/8	API	24#	X		1550'	1550'	TO SURFACE	
Production	4 1/2	API	10#	X		5000'	5000'	350 Sks.	Depths set
Tubing									
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 4-2-83.
BY [Signature]

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

WAIVER

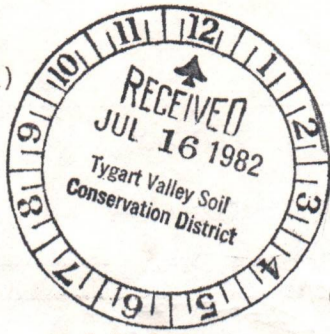
The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be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

12/29/2023

Date: , 19

By [Signature]

Its



DATE July 15, 1982

WELL NO. B-498 001-1823

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. **RECEIVED**

JUL 28 1982

CONSTRUCTION AND RECLAMATION PLAN

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

J & J Enterprises, Inc.

COMPANY NAME c/o Berry Energy Consultants
Address P.O. Box 5, Clarksburg, WV 26301
Telephone 622-3450

DESIGNATED AGENT Berry Energy Consultants
Address P.O. Box 5, Clarksburg, WV 26301
Telephone 622-3450

LANDOWNER Charles D. Norris

SOIL CONS. DISTRICT Tygart Valley

Revegetation to be carried out by S. W. Jack Drilling Company (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 7/24/82

(Date)
Jean Freeman
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Road very slight (A)
Spacing Grade
Page Ref. Manual _____

Structure Diversion Ditch (1)
Material Earthen
Page Ref. Manual _____

Structure Culvert (B)
Spacing 12" min
Page Ref. Manual _____

Structure Rip Rap (2)
Material Rock
Page Ref. Manual _____

Structure Open Ditch (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
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 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch 2 Tons/acre
Seed* Ky. Tall Fescue 30 lbs/acre
Dom Rye Grass 10 lbs/acre
Birdsfoot 10 lbs/acre

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Dom Rye Grass 10 lbs/acre
Birdsfoot 10 lbs/acre

12/29/2023

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

PLAN PREPARED BY Berry Energy Consultants

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

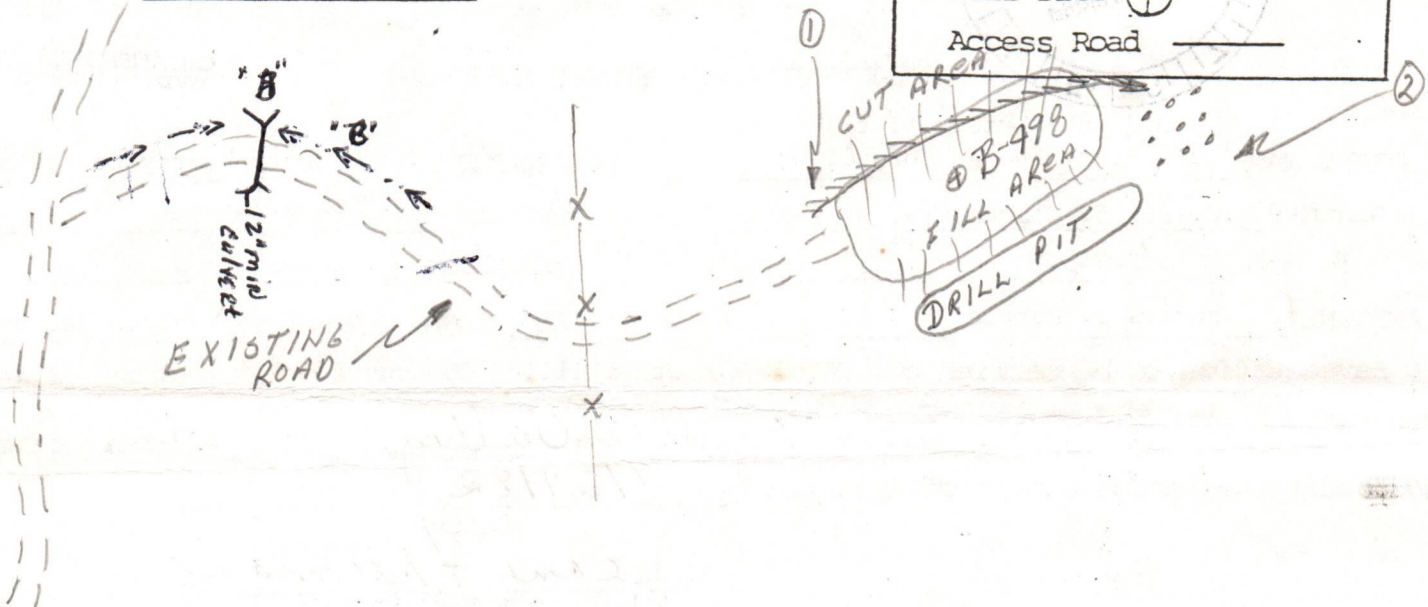
ADDRESS P.O. Box 5
Clarksburg, WV 26301
PHONE NO. 622-3450

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Philippi 7 1/2 min.

LEGEND

Well Site ⊕

Access Road ———



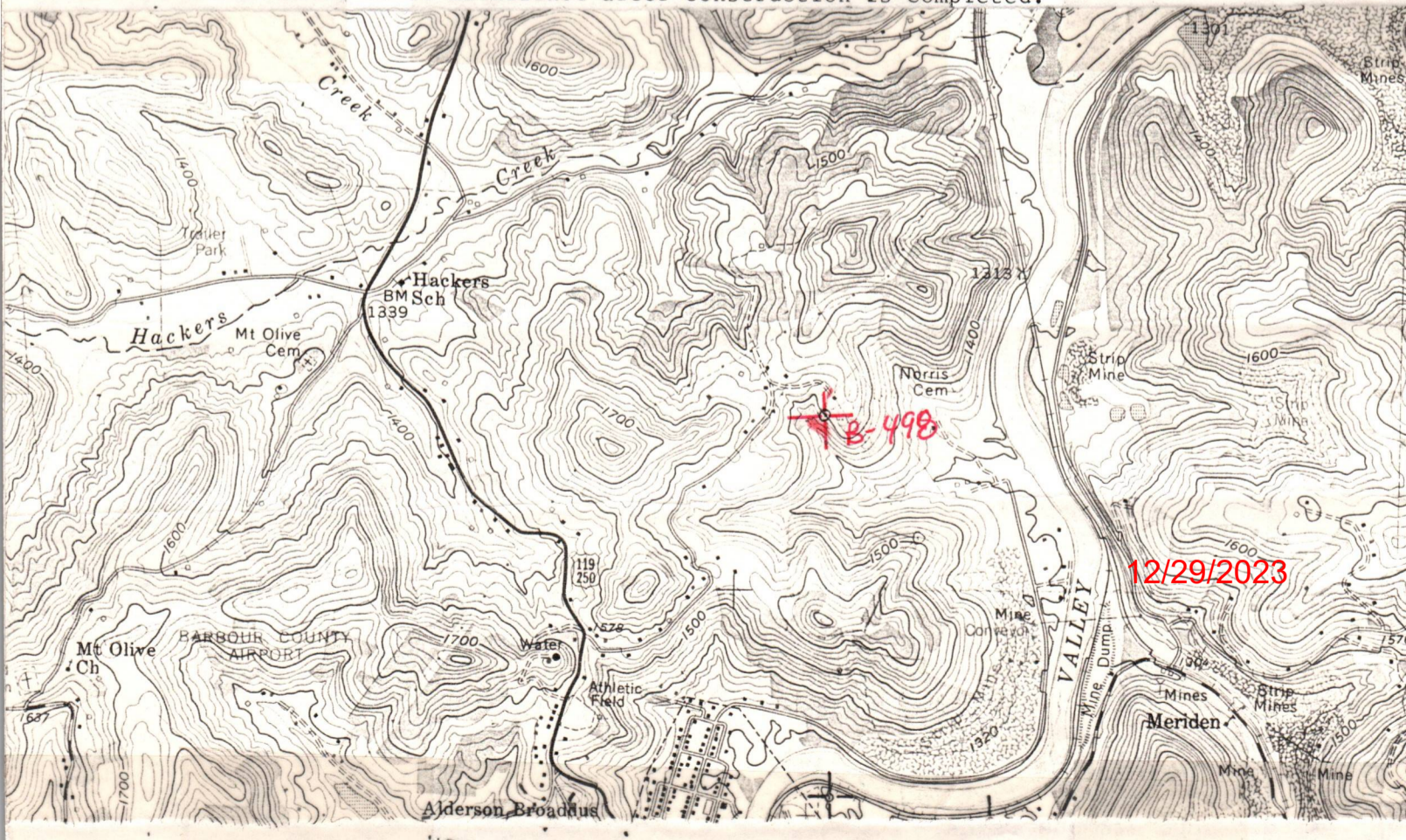
WELL SITE PLAN

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 <— = — = —

Location to be built on 2:1 Slope - Slope of well road 4°. All diversion ditches, open ditches and culverts to be maintained after construction is completed.



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

Permit No. 001-1823
Company. J + J Enterprises
Inspector. Phillip Tracy
Date. 5-2-86

County. Barbour
Farm. Morris
Well No. B-498
Issued. 8-02-82

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	_____	_____

DEPARTMENT OF ENERGY
OIL AND GAS
MAY 12 1986

COMMENTS: Cancel

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 Division of Oil & Gas - Department of Energy of the State of West Virginia.

SIGNED: Phillip Tracy
DATE: 5-2-86
12/29/2023



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

ARCH A. MOORE, JR.
 Governor

John Johnston
 Director

May 14, 1986

J & J Enterprises, Incorporated
 Post Office Box 48
 Buckhannon, West Virginia 26201

In Re: Permit No: 47-001-1823
 Farm: Charles D. Norris
 Well NO: B-498
 District: Philippi
 County: Barbour
 Issued: 8-02-82

Gentlemen:

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

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

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

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

XXXX PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit
 Deputy Director--Inspection & Enforcement

TMS/ nw

12/29/2023

6/11/82

10,740

Clee Norris
8.44 Ac.

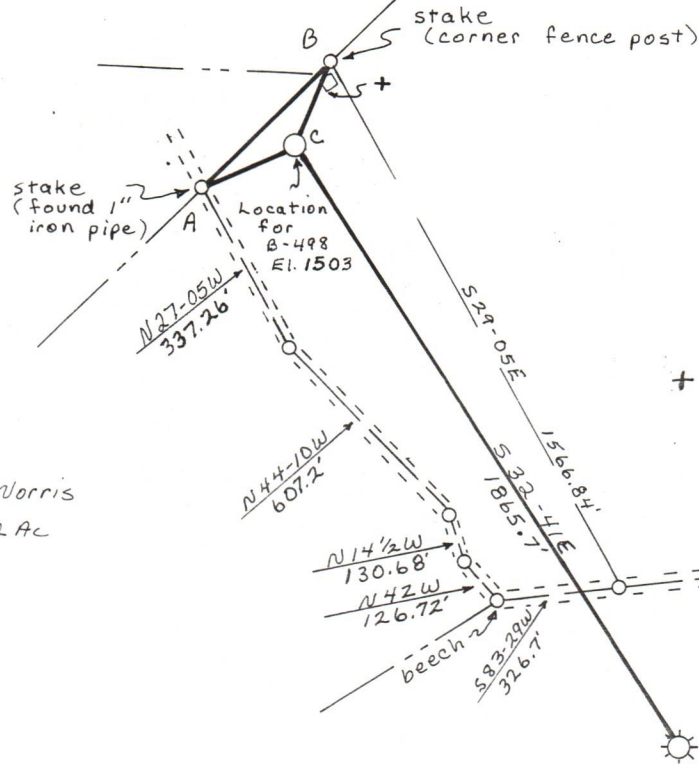
LATITUDE 39-12-30N

Mayle
16.23 Ac.

Hoy Norris
8.44 Ac.

Hoy Norris
14.62 Ac.

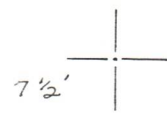
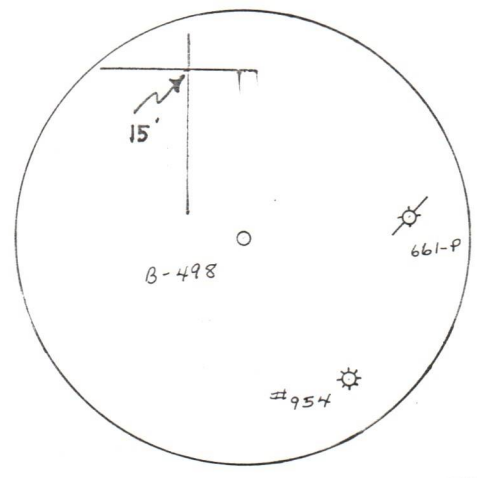
Wright and Bogert
30 Ac.



A-B	N 45-13 E	464.9'
B-C	S 22-47 W	234.7'
C-A	S 65-04 W	263.7'

+ NOTE: A one story house is located N29-12E 205.0' from the location of B-498.

Abandoned road (shown as Rt. 119/5 on tax map)



LONGITUDE 80-00-00 W

13,030

FILE NO. _____
 DRAWING NO. Rev. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 2500
 PROVEN SOURCE OF ELEVATION Rd. junction 900' NW of Loc.; El. 1550

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) David L Jackson
 R. P. E. _____ L. L. S. 708

PLACE SEAL HERE



Department of Mines
Oil & Gas Division

DATE May 31 19 82
 OPERATOR'S WELL NO. B-498
 API WELL NO. 47-001-1823
 STATE COUNTY PERMIT

Formerly: Bar-1778
 cancelled

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1503 WATER SHED Tygart Valley River
 DISTRICT Philippi COUNTY Barbour
 QUADRANGLE Philippi 7 1/2 min.

SURFACE OWNER Charles D. Norris ACREAGE 12.16
 OIL & GAS ROYALTY OWNER Charles D. Norris and Nina L. Norris LEASE ACREAGE 12/29/2023
 LEASE NO. 2315

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Haverty ESTIMATED DEPTH 5400
 WELL OPERATOR J&J Enterprises, Inc. DESIGNATED AGENT % Berry Energy Consultants & Mgr's, Inc.
 ADDRESS % Berry Energy Consultants & Mgr's, Inc. P.O. Box 5, Clarksburg, WV 26301 ADDRESS 11th Floor, Union National Bank Bldg. P.O. Box 5, Clarksburg, WV 26301