



1) Date: February 29, 19 84  
 2) Operator's Well No. JK-906  
 3) API Well No. 47 - 085 - 6887  
 State County Permit

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: 990 Watershed: Bonds Creek  
 District: Clay County: Ritchie Quadrangle: Pennsboro
- 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Reddecliff  
 Address P.O. Box 48 Address P.O. Box 48  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Samuel Hersman Name S.W. Jack Drilling Company  
 Address P.O. Box 66 Address P.O. Box 48  
Smithville, WV 26178 Smithville, WV 26178
- 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, Devonian Shale
- 12) Estimated depth of completed well, 5990 feet
- 13) Approximate strata depths: Fresh, 370 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_
- 15) CASING AND TUBING PROGRAM

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 MAR 5 - 1984

OIL & GAS DIVISION  
 DEPT. OF MINES

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	113/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	85/8	ERW	23	x		1300/1090'	1300/1090'	to surface	Sizes
Coal	85/8	ERW	23	x		1300/1090'	1300/1090'	to surface	<b>NEAT</b>
Intermediate									
Production	4 1/2	J-55	10.5	x		5940	5940	425 sks.	Depths set
Tubing								<b>OR AS REQ BY 15.01</b>	Perforations:
Liners									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-085-6887 Date March 16, 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 March 16, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <input checked="" type="checkbox"/> <u>ls</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>1452</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) WELL LOCATION: B (In Gas, Production) / Underground storage / Shallow ( ) / Deep ( )  
 Elevation: 288 / Watered: / District: Clay / County: Boone / Quarter: / Township: / Range: / Section: / Well No. 47 - 025 - 0827

2) WELL OPERATOR: U.S. Enterprises, Inc. / Address: P.O. Box 28 / Beckley, WV 26201

3) DESIGNATED AGENT: / Address: P.O. Box 28 / Beckley, WV 26201

4) DRILLING CONTRACTOR: S.W. Lock Drilling Company / Name: / Address: P.O. Box 28 / Beckley, WV 26201

5) PROPOSED WELL WORK: Drill / Depth: / Spindle: / Purpose: / Other physical change in well (specify):

6) GEOLOGICAL TARGET FORMATION: / Estimated depth of completed well: / Approximate true depth: / Approximate coal seam depth: / Is coal being mined in the area?

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MAR 3 - 1987

DEPT. OF MINES  
OIL & GAS DIVISION

Casing or Tubing	Spec	Type	Weight	Per ft	New	Used	Footage Intervals		Cement	Remarks
							Start	End		
Production	2 3/8"	13.30	22	22			1000'	1000'	1000'	1000'
Intermediate	3 1/2"	23.00	22	22			1000'	1000'	1000'	1000'
Well Water	4"	23.00	22	22			1000'	1000'	1000'	1000'
Conductor	6"	23.00	22	22			1000'	1000'	1000'	1000'

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: \_\_\_\_\_

Blanket	Agent	Plan	Casing	Per
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04/26/2024



IV-9  
(Rev 8-81)

DATE 20 February 1984

WELL NO. JK-906

State of West Virginia  
Department of Mines  
Oil and Gas Division

API NO. 47 - 085 - 6887

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J&J Enterprises, Inc.  
Address PO Box 48  
Buckhannon, WV 26201  
Telephone 304-472-9404

DESIGNATED AGENT Richard Reddickliff  
Address PO Box 48  
Buckhannon, WV 26201  
Telephone 304-472-9404

LANDOWNER James W. Utt  
Rt. 2, Pennsboro, W.V. 26145  
Revegetation to be carried out by \_\_\_\_\_

SOIL CONS. DISTRICT Little Kanawha  
J&J Enterprises, Inc. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 2-24-84 (Date)

Garrett Newton  
(SCD Agent)

RECEIVED  
MAR 5 - 1984

ACCESS ROAD	LOCATION	OIL & GAS DIVISION
Structure <u>Culverts</u> (A)	Structure <u>Diversions</u> (1)	DEPT. OF MINES
Spacing <u>AS Shown and As Needed</u> (15" min. when leaving a state road.)	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</u> <u>the access 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'</u> <u>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.

REVEGETATION

WOODS & PASTURE FIELD  
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 Ky-31 Tall Fescue 30 lbs/acre  
Annual Rye 5 lbs/acre  
Red Clover 10 lbs/acre

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
M 2 Tons/acre  
Seed Ky-31 Tall Fescue 30 lbs/acre  
Annual Rye 5 lbs/acre  
Red Clover 10 lbs/acre

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

OSTRANDER LAND SURVEY 04/26/2024  
PLAN PREPARED BY Rexford L. Ostrander

ADDRESS Rt. 2, Box 375-6  
Buckhannon, WV 26201


PHONE NO. 304-472-0817


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

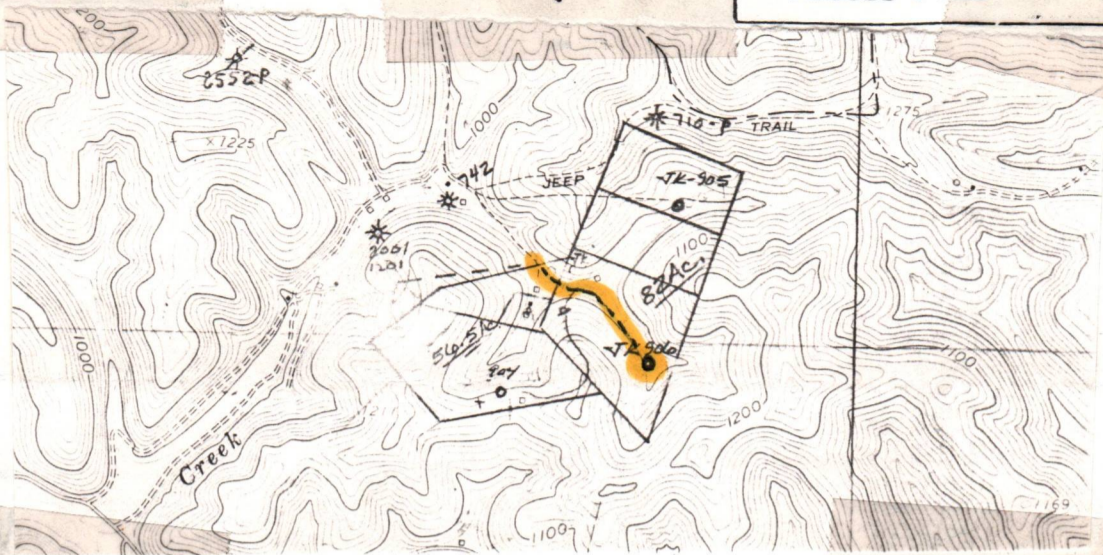
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE PENNSBORO 7.5'

LEGEND

Well Site 







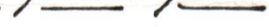



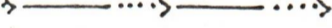

Access Road 



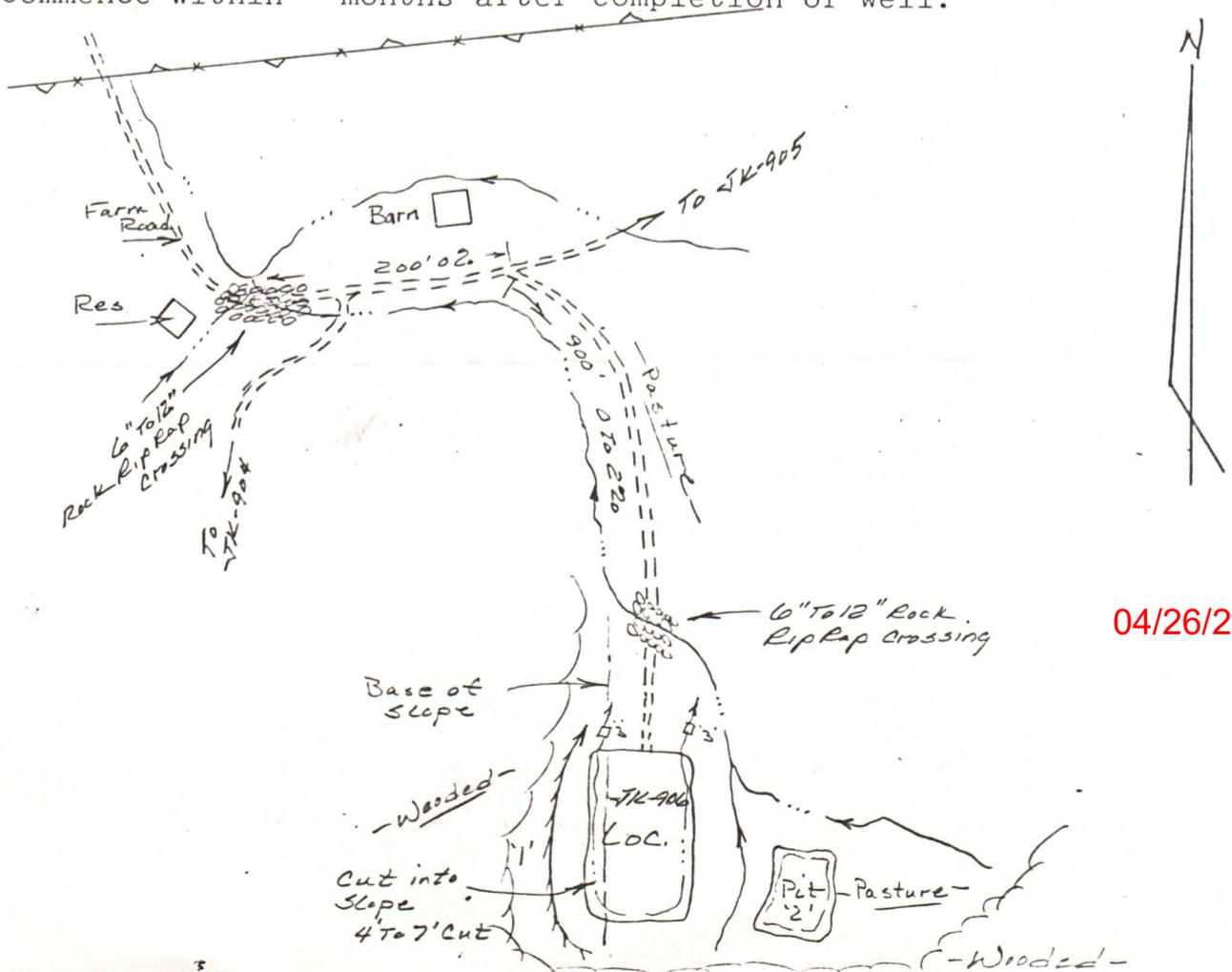
WELL SITE PLAN

Attach to include well location, existing access road, roads to be constructed, well site, filling 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 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

All cuts to be on a 2:1 slope unless in rock.  
 Drainage to be maintained after completion of well and seeding to commence within months after completion of well.



04/26/2024

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name James W. Utt  
 Address Rt. # 2,  
Pennsboro, WV 26145  
 ii) Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 iii) Name \_\_\_\_\_  
 Address \_\_\_\_\_

5(i) COAL OPERATOR  
 Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD  
 Name Same as surface  
 Address \_\_\_\_\_

Name \_\_\_\_\_  
 Address \_\_\_\_\_

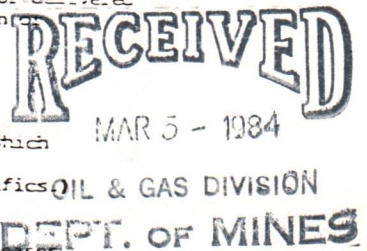
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE PERSON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on \_\_\_\_\_ before the day of mailing or delivery to the Administrator.



6) EXTRACTON 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 **X**

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.

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 Reddecliff this 29 day of February, 1984. My commission expires 10/16, 1989.

Frank S. Crawford  
 Notary Public, Upshur County,  
 State of West Virginia

WELL OPERATOR J&J Enterprises, Inc.  
 By Richard D. H. Reddecliff  
 Its Designated Agent  
 Address P.O. Box 48  
Buckhannon, WV 26201  
 Telephone 472-9403

04/26/2024

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 § 22-4-9a 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.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 2 2 - 4 - 1 1 ( d )

I N L I E U O F F I L I N G L E A S E ( S ) A N D O T H E R C O N T I N U I N G C O N T R A C T ( 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</u>	<u>Page</u>
James W. Utt	J&J Enterprises, Inc.	1/8 of 100%	165	548



1) Date: February 29, 19 84  
 2) Operator's Well No. TK-906  
 3) API Well No. 47 State 085 County \_\_\_\_\_ Permit \_\_\_\_\_

**RECEIVED**  
MAR 07 1984

**OIL & GAS DIVISION  
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 x /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow x /)
- 5) LOCATION: Elevation: 990 Watershed: Bonds Creek  
 District: Clay County: Ritchie Quadrangle: Pennsboro
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 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale  
 12) Estimated depth of completed well, 5990 feet  
 13) Approximate trata depths: Fresh, 370 feet; salt, 0 feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_ / No x /
- 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>113/4</u>	<u>H-40</u>	<u>42</u>	<u>x</u>		<u>30</u>	<u>0</u>	<u>0 sks.</u>		Kinds
Fresh water	<u>85/8</u>	<u>ERW</u>	<u>23</u>	<u>x</u>		<u>1300</u>	<u>1300</u>	<u>To surface</u>		Sizes
Coal	<u>85/8</u>	<u>ERW</u>	<u>23</u>	<u>x</u>		<u>1300</u>	<u>1300</u>	<u>To surface</u>		
Intermediate										
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>x</u>		<u>5940</u>	<u>5940</u>	<u>425 sks.</u>		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

The 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 the filing of the Application.

**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: 3-5, 19 84

By James W. Utt

Its \_\_\_\_\_

**04/26/2024**  
Coal Owner



1) Date: February 29, 19 84  
 2) Operator's Well No. JK-906  
 3) API Well No. 47 State ORE County Permit

**STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT**

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 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow x /)
- 5) LOCATION: Elevation: 990 Watershed: Bonds Creek  
 District: Clay County: Ritchie Quadrangle: Pannboro
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Buckhannon, WV 26201 Buckhannon, WV 26201
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 Name Samuel Heraman Name S.W. Jack Drilling Company  
 Address P.O. Box 66 Address P.O. Box 48  
Smithville, WV 26178 Smithville, WV 26178
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**15) CASING AND TUBING PROGRAM**

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	Size	Grade	Weight per ft.	New	Used	For drilling		
Conductor	<u>113/4</u>	<u>H-40</u>	<u>42</u>	<u>x</u>		<u>30</u>	<u>0</u>	
Fresh water	<u>85/8</u>	<u>ERV</u>	<u>23</u>	<u>x</u>		<u>1300</u>	<u>1300</u>	
Coal	<u>85/8</u>	<u>ERV</u>	<u>23</u>	<u>x</u>		<u>1300</u>	<u>1300</u>	
Intermediate								
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>x</u>		<u>5940</u>	<u>5940</u>	
Tubing								
Liners								

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)  
James W. Witt Date: 3-5-84  
 (Signature)  
 \_\_\_\_\_ Date: \_\_\_\_\_  
 (Signature)

**04/26/2024**  
 Surface Owner



**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.



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

Devonian Shale: Perforations: 5683-89 (8 holes) 5774-77 (5 holes) 5842-44 (4 holes)  
 Fracturing: 300 sks. 20/40 sand: 400 Bbls. fluid.  
 Benson: Perforations: 4826-28 (8 holes)  
 Fracturing: 300 sks. 20/40 sand: 500 gal. acid: 418 Bbls. fluid.  
 Riley: Perforations: 4465-66 (4 holes) 4473-75 (8 holes)  
 Fracturing: 265 sks. 20/40 sand: 500 gal. acid: 390 Bbls. fluid.

BOTTOM HOLE PRESSURE  $P_f = P_{we}^{XGLS}$

$$t = 60 + (0.0075 \times 5991) + 459.7 = 565 \quad X = \frac{1}{53.35} \times 565 = \frac{1}{30143} = 0.000033 \quad P_f = 1625 \times 2.72^{(0.000033)}$$

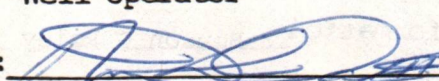
$$(0.670)(5155)(0.9) = 1625 \times 2.72^{0.10} = 1625 \times 1.1$$

Pf = 1788 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
Soil & clay			0	12	
Red rock, shale & sand			12	255	Damp @ 195
Sand, shale & red rock			255	655	
Red rock, shale & sandy shale			655	1065	½" stream @ 200
Sand & sandy shale			1065	1285	
Sand & shale			1285	1510	Damp @ 1066
Shale, red rock & sand			1510	1685	
Sand & shale			1685	1785	Gas ck @ 2039 160/10-1" w/water
Sand			1785	1815	139.42 cu.ft.
Big Lime & Injun			1815	2020	
Sandy shale			2020	2995	Gas ck @ 2164 90/10-1¼" w/water
Shale & sand			2995	3400	111,631 cu.ft.
Sandy shale			3400	4465	
Riley			4465	4475	
Sand & shale			4475	4826	Gas ck @ 3403 76/10-1¼" w/water
Benson			4826	4828	102,528 cu.ft.
Sandy shale			4828	5683	
Devonian Shale			5683	5844	Gas ck @ 4529 80/10-1¼" w/water
Sandy shale & shale			5844	5995	105,248 cu.ft.
				T.D.	
					Gas ck @ 4912 70/10-1¼" w/water
					98,407 cu.ft.
					Gas ck @ 5169 70/10-1¼" w/water
					98,407 cu.ft.
					Gas ck @ collars 46/10-1¼" w/water
					79,824 cu.ft.

(Attach separate sheets as necessary)

J&J Enterprises, Inc.  
 Well Operator  
 By:  Robert Dahlin- Geologist  
 Date: 9/5/84  
 04/26/2024

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."

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

RECEIVED  
AUG 28 1984

INSPECTOR'S WELL REPORT

Permit No. 085-6887

OIL & GAS DIVISION  
DEPT. OF MINES

Company <u>J &amp; J Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>JK 906</u>	13			
District <u>Clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>8-21-84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
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 _____ bbla., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names S. W. JACK — Rig 15 — Slick —

Remarks: Big Report

Visit site, 2345' and dusting, Location Ruff -  
on 8-23-84 T.O. 1671' RAN 1596' of 8 5/8"  
Cement 320 SK's Hallibarton  
gas show - in the Tension 90% thru 1 1/4.

8-24-84

DATE

Mike Underwood

04/26/2024

DISTRICT WELL INSPECTOR



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

RECEIVED  
SEP 4 - 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6887

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>J + J. Enterprise Inc.</u> Address _____ Farm <u>James W. Utt</u> Well No. <u>JK-906</u> District <u>Clay</u> County <u>Putnam</u> Drilling commenced <u>8-21-84</u> Drilling completed <u>8-27-84</u> Total depth <u>5995</u> 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			Kind of Packer _____
	16			
	13			Size of _____
	10			
	8 1/4			Depth set _____
	6 3/8			
	5 3/16			Perf. top _____
	3			Perf. bottom _____
	2			
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 \_\_\_\_\_

Remarks: T.D. hole at 5995' to run 5990 feet of 4 1/2" casing  
Halliburton to run cement  
Logging hole at time of visit

8-27-84

DATE

Samuel N. H. Hagan  
04/26/2024  
DISTRICT WELL INSPECTOR





RECEIVED

JUL 3 - 1985

OIL & GAS DIVISION  
DEPT. OF MINES

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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
September 24, 1984

COMPANY J & J Enterprises, Inc.

PERMIT NO 085-6887 (3-16-84)

P. O. Box 48

FARM & WELL NO James W. Utt #JK-906

Buckhannon, West Virginia 26201

DIST. & COUNTY Clay/Ritchie-

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 Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

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

SIGNED Samuel N. Hershman

DATE 6-26-85

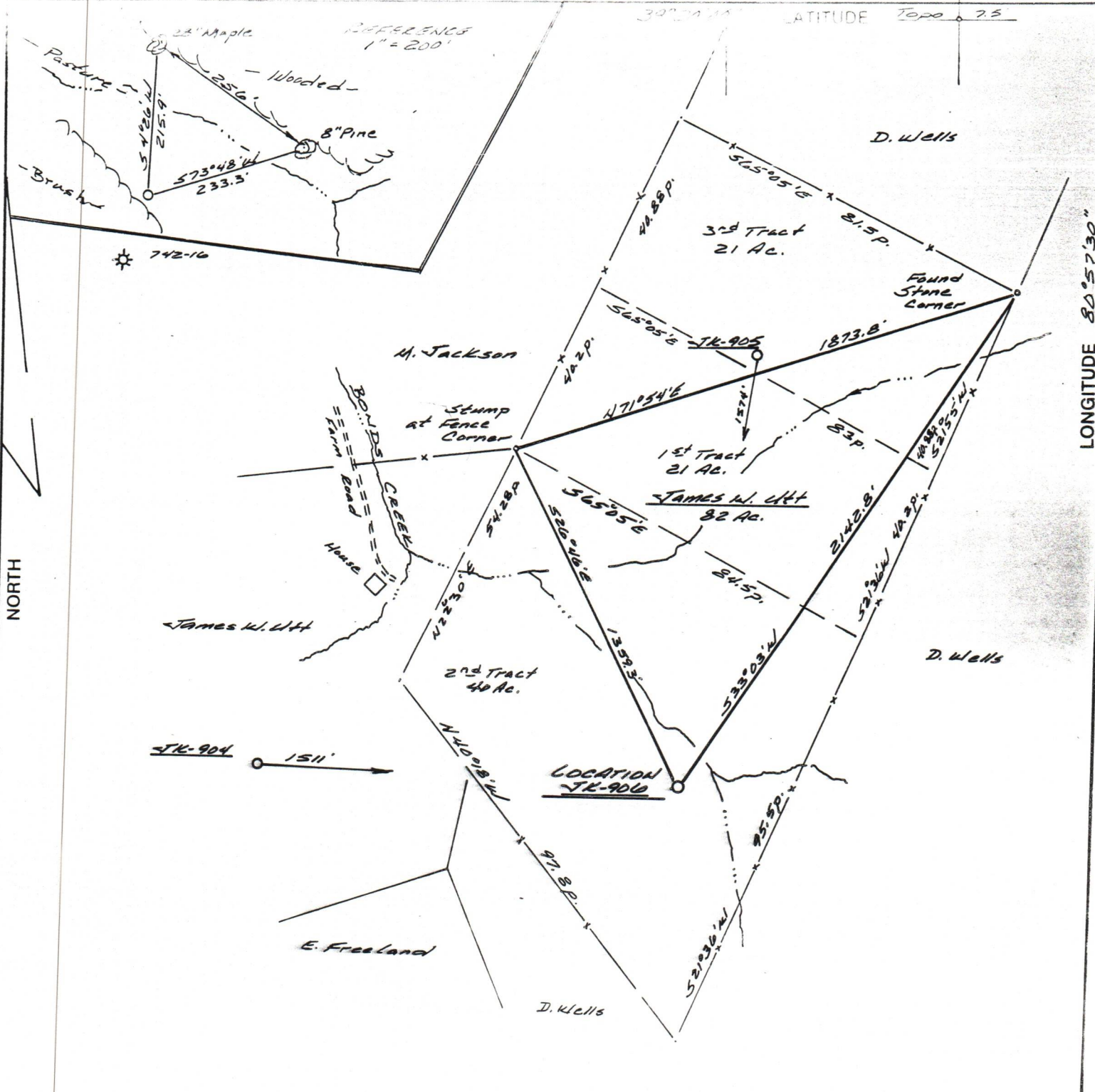
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...  
Administrator-Oil & Gas Division

July 11, 1985  
DATE

04/26/2024





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

FILE NO. 340.01  
 DRAWING NO. 84-14  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200'  
 PROVEN SOURCE OF ELEVATION BM-857  
SE. 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) Richard S. Ostrander  
 R.P.E. \_\_\_\_\_ L.L.S. 555  
Buckhannon, WV

PLACE SEAL HERE

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



DATE 21 February, 19 84  
 OPERATOR'S WELL NO. JK-906  
 API WELL NO. 47-085-6887  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 990' WATER SHED Bonds Creek  
 DISTRICT Clay COUNTY Ritchie  
 QUADRANGLE Pennsboro, WV

SURFACE OWNER James W. Utt  
 OIL & GAS ROYALTY OWNER J.W. Utt 1/2 - C. Barker 1/2 LEASE ACREAGE 40  
 LEASE NO. JK-1511 ACREAGE 82 **04/26/2024**

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 5990'  
 WELL OPERATOR J&T ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFE  
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48  
Buckhannon, WV 26201 Buckhannon, WV 26201

COUNTY NAME  
 PERMIT