



1) Date: 19 March, 19 84  
 2) Operator's Well No. JK-929  
 3) API Well No. 47 - 085 - 6894  
 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: 980' Watershed: Bonds Creek  
 District: Clay County: Ritchie Quadrangle: Ellenboro
- 6) WELL OPERATOR J&J Enterprises, Inc.  
 Address PO Box 48  
Buckhannon, WV 26201
- 7) DESIGNATED AGENT Richard Reddecliff  
 Address PO Box 48  
Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Samuel Hersman  
 Address PO Box 66  
Smithville 26178
- 9) DRILLING CONTRACTOR:  
 Name S. W. Jack Drilling, Co.  
 Address PO Box 48  
Buckhannon, WV 26201
- 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, 5995 feet
- 13) Approximate strata depths: Fresh, 150 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes

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 MAR 23 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

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	113/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	85/8	ERW	23	x		<del>1080</del> 1300	1300 1080	To surface	NEAT
Coal	85/8	ERW	23	x		<del>1080</del> 1300	1300 1080	To surface	
Intermediate									
Production	4 1/2	J-55	10.5	x		5950	5950	350 sks.	Depths set
Tubing									or as req by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-095-6894 Date March 23, 1984

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 23, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
	<u>ls</u>	<u>MW</u>	<u>MW</u>	<u>1487</u>

Margaret J. Hase  
 Administrator, Office of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File  
 04/26/2024



OFFICE USE ONLY

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

1) LOCATION: District: Clay, County: Boone, Elevation: 960', Waterbed: Ponda Creek, Underground storage:  Deep,  Shallow

2) WELL OPERATOR: Name: J&J Enterprises, Inc., Address: 50 Box 48, Buckhannon, WV 26201

3) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Samuel Hester, Address: 50 Box 66, Buckhannon, WV 26201

4) DRILLING CONTRACTOR: Name: S.W. Jack Drilling Co., Address: 50 Box 18, Buckhannon, WV 26201

5) PROPOSED WELL WORK: Drill  Deep,  Shallow

6) GEOLOGICAL TARGET FORMATION: Devonian Shale

7) ESTIMATED DEPTH OF COMPLETED WELL: 150 feet

8) APPROXIMATE TEST DEPTHS: First: 150 feet, Last: 0 feet

9) APPROXIMATE COAL SEAM DEPTHS: None

10) CASING AND TUBING PROGRAM: See table below

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DEPT. OF MINES  
OIL & GAS DIVISION

TUBING OR CASING TYPE	Size	Casing	Weight per foot	SPECIFICATIONS		Footage	Interval	Cement
				Use	For drilling			
Conductor	1 1/2"	E-40	22	X		30	0-30	0 cement
Intermediate	2 1/2"	E-24	23	X		1080	30-1080	to surface
Production	3 1/2"	E-10.5	23	X		5350	1080-5350	to surface

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: \_\_\_\_\_

Agent	Plant	Casing	Foot
J.P. Moore	120	120	120

04/26/2024



DATE 19 March 1984

WELL NO. JK-929

API NO. 47-085-6894

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

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

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

LANDOWNER Richard L. Goltz Rt. 2, Box 90  
Pennsboro, WV 26415 SOIL CONS. DISTRICT LITTLE KANAWHA  
Revegetation to be carried out by J&J Enterprises, Inc. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: March 20, 1984 (Date)  
*Field Reviewed.*

Janett Newton  
(SCD Agent) *JMN*

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MAR 23 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

ACCESS ROAD

LOCATION

Structure Culverts (A)  
Spacing AS Shown and As Needed  
(15" min. when leaving a state road.)  
Page Ref. Manual 2-7

Structure Diversion Ditch  
Material Soil (2% max. slope)  
Page Ref. Manual 2-12

Structure Drainage Ditch (B)  
Spacing To be constructed along  
the access road.  
Page Ref. Manual 2-12

Structure Drilling Pit (2)  
Material Soil  
Page Ref. Manual -----

Structure Cross Drains (C)  
Spacing 5%-135' 15%-60'  
10%- 80' 20%-45'  
Page Ref. Manual 2-4

Structure Sediment Trap (3)  
Material Soil  
Page Ref. Manual Not in this plan

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

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-31 Tall Fescue 30 lbs/acre  
Annual Rye 5 lbs/acre  
Red Clover 10 lbs/acre

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or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch 2 Tons/acre  
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Annual Rye 5 lbs/acre  
Red Clover 10 lbs/acre

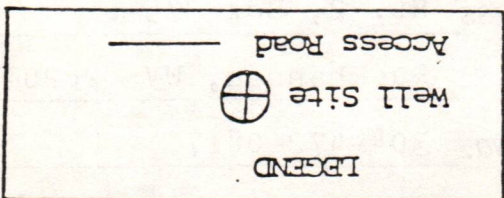
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

OSTRANDER LAND SURVEYING, INC.  
PLAN PREPARED BY Rexford L. Ostrander 04/26/2024

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

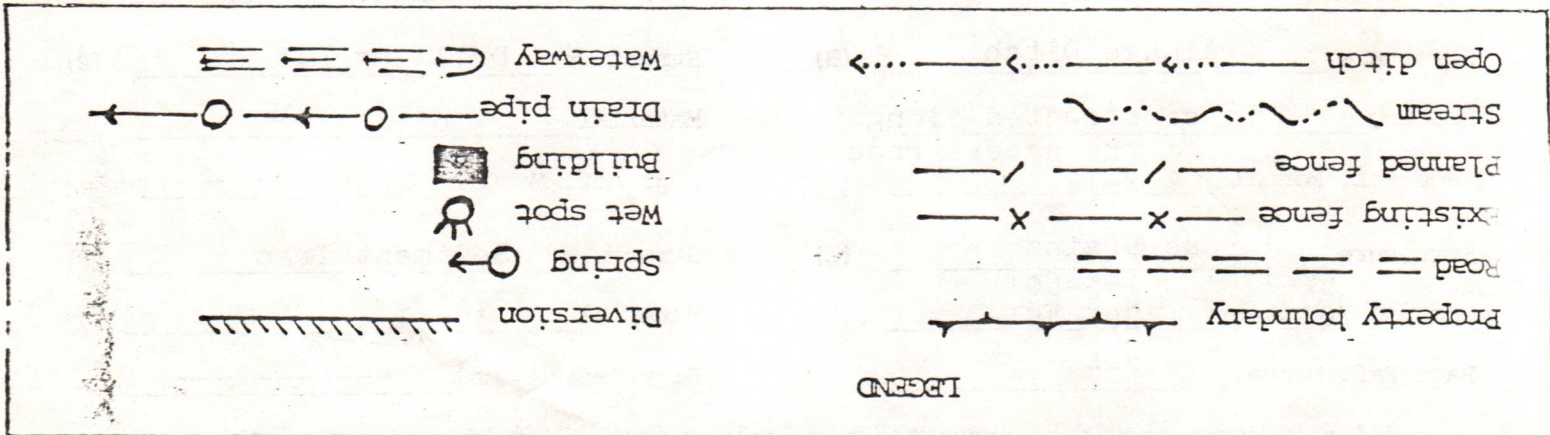
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE *Ellenboro, VT*

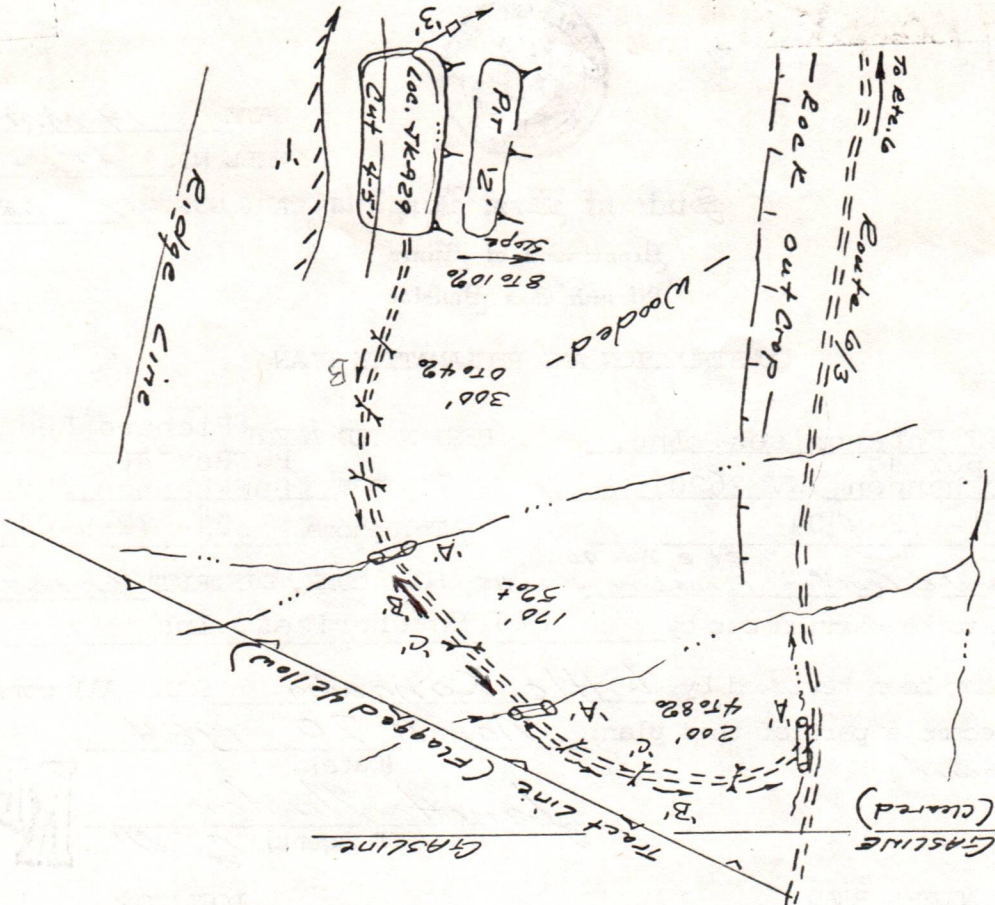


WELL SITE PLAN

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



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 6 months after completion of well.



RECEIVED  
MAY 23 1981  
U.S. GEOLOGICAL SURVEY  
DEPT. OF MINES  
GIL & GAS DIVISION

1) Date: 19 March, 19 84  
2) Operator's  
Well No. JK-929  
3) API Well No. 47 - 085 - 6894  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS  
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name Richard L. Goff  
Address Rt. 2, Box 90  
Pennsboro, WV 26415  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Richard L. Goff and others  
Address Rt. 2, Box 90  
Pennsboro, WV 26415  
Name (List attached)  
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 REASON 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 or before the day of mailing or delivery to the Administrator.

- 6) 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.)
- 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

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 21 day of March, 1984.  
My commission expires 10/16, 1989.

Linda S. Conwill  
Notary Public, Wayne County,  
State of West Virginia

WELL OPERATOR J&J Enterprises, Inc.

By Richard L. Goff  
Its Designated Agent  
Address PO Box 48  
Buckhannon, WV 26201  
Telephone 304-472-9403

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MAR 21 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

RECEIVED  
MAR 23 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

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 § 22-4-8a 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.

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INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(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>
Richard L Goff	J&J Enterprises, Inc.	1/2 of 1/8-100%	165	544
Dora Naomi Heflin		1/6 of 1/8-100%	165	544
Beulah A. Rolston		1/6 of 1/8-100%	165	544
Helen Louise Riggs		1/6 of 1/8-100%	165	544



1) Date: 19 March, 19 84  
 2) Operator's Well No. JK-029  
 3) API Well No. 47 085  
 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 X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 980' Watershed: Bonda Creek  
 District: Clay County: Ritchie Quadrangle: Ellenboro
- 6) WELL OPERATOR: J&J Enterprises, Inc. 7) DESIGNATED AGENT: Richard Reddecliff  
 Address: PO Box 48 Address: PO 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, Co.  
 Address: PO Box 66 Address: PO Box 48  
Smithville 26178 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 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, 5995 feet  
 13) Approximate trata depths: Fresh, 150 feet; salt, 0 feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

**RECEIVED**  
 MAR 23 1984

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	11 3/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1300	1300 1050	To surface	Sizes
Coal	8 5/8	ERW	23	x		1300	1300 1050	To surface	Depths set
Intermediate									
Production	4 1/2	J-55	10.5	x		5950	5050	350 sks.	Perforations:
Tubing									Top
Liners									Bottom

OIL & GAS DIVISION  
 DEPT. OF MINES

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.)

(For execution by natural persons)

NAME: \_\_\_\_\_  
 By \_\_\_\_\_  
 Its \_\_\_\_\_ Date \_\_\_\_\_

Richard J. Goff Date: 3-19-84  
 (Signature)  
 \_\_\_\_\_ Date: \_\_\_\_\_  
 (Signature)

**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.

04/26/2024  
Surface Owner





1) Date: 19 March, 19 84  
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 State County Permit

STATE OF WEST VIRGINIA  
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Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Samuel Hersman Name S. W. Jack Drilling, Co.  
 Address PO Box 66 Address PO Box 48  
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Intermediate									
Production	4 1/2	J-55	10.5	x		5950	5950	350 sks.	Depths set
Tubing									Perforations:
Liners									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: 3-19, 19 84 By Richard L Goff  
 Its \_\_\_\_\_

04/26/2024  
 Coal Owner

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia,  
COUNTY OF Ritchie :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A)  / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B)  / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. JK-929 located in Clay District, Ritchie County, West Virginia, upon the person or organization named--

Richard L. Goff Rt. 2, Box 90, Pennsboro, W.Va. 26415

--by delivering the same in Ritchie County, State of West Virginia on the 19 day of March, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

Handing it to him  / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.

Handing it to a member of his or her family above the age of 16 years named \_\_\_\_\_ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

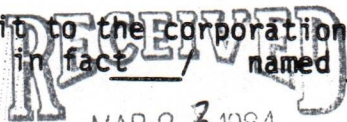
Handing it to \_\_\_\_\_, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

Handing it to the general partner, named \_\_\_\_\_, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

Handing it to the corporation's employee / officer / director / attorney in fact / named \_\_\_\_\_.



OIL & GAS DIVISION  
DEPT. OF MINES

Raymond L. Ostrander  
(Signature of person executing service)

Taken, subscribed and sworn before me this 19 day of March, 1984.  
My commission expires 11-18-92

Edward B. Sommers  
Notary Public



RECEIVED

OCT 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date October 9, 1984
Operator's Well No. JK-929
Farm Goff
API No. 47 - 085 - 6894

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow x /)
LOCATION: Elevation: 980 Watershed Bonds Creek
District: Clay County Ritchie Quadrangle Ellenboro

COMPANY J&J Enterprises, Inc.
ADDRESS P.O. Box 48, Buckhannon, WV 26201
DESIGNATED AGENT Richard Reddecliff
ADDRESS P.O. Box 48, Buckhannon, WV 26201
SURFACE OWNER Richard Goff
ADDRESS Rt. # 2, Box 90, Pennsboro, WV 26415
MINERAL RIGHTS OWNER Same as surface
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman
ADDRESS P.O. Box 66, Smithville, WV 26178

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

PERMIT ISSUED 3/23/84
DRILLING COMMENCED 9/6/84
DRILLING COMPLETED 9/11/84
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5640-5793 feet
Depth of completed well 5992 feet Rotary x / Cable Tools
Water strata depth: Fresh 0 feet; Salt 0 feet
Coal seam depths: 525-35 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 5640-5793 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Ebl/d
Combined Final open flow 440 Mcf/d Final open flow Ebl/d
Time of open flow between initial and final tests 4 hours

Static rock pressure 1550 psig (surface measurement) after 96 hours shut in
(If applicable due to multiple completion-- )
Second producing formation Benson Pay zone depth 4799-4801 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Ebl/d
Final open flow Mcf/d Oil: Final open flow Ebl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

217 6894

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

Devonian Shale: Perforations: 5640-5650 (8 holes) 5725-27(4 holes) 5788-93 (6 holes)  
 Fracturing: Foam frac: 350 sks. 20/40 sand: 525 Bbls. fluid.  
 Benson: Perforations: 4799-4801 ( 8 holes)  
 Fracturing: Foam Frac: 500 sks. 20/40 sand:500 gal. acid: 620 Bbls. fluid.

BOTTOM HOLE PRESSURE Pf=PweXGLS

$$t=60 + (0.0075 \times 5935) + 459.7 = 564 \quad X = \frac{1}{53.35} \times \frac{1}{564} = \frac{1}{30089} = 0.000033 \quad Pf = 1550 \times 2.72^{(0.000033)} (0.66)$$

$$(5296) (0.9) = 1550 \times 2.72^{0.1} = 1550 \times 1.1$$

Pf=1705 psi

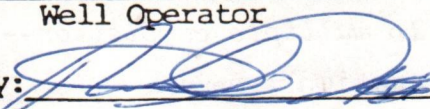
WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fres and salt water, coal, oil and ga
Clay			0	3	
Sandy shale & red rock			3	25	
Sand & shale			25	155	Gas ck @ 1976 No show
Sandy shale & red rock			155	525	
Coal & black shale			525	535	Gas ck @ 3405 No show
Shale & sandy shale			535	635	
Sand, shale & red rock			635	845	Gas ck @ 4812 2/10-1" w/water
Sand, shale & red rock			845	1030	10,650 cu.ft.
Sandy shale & sand			1030	1430	
Sandy shale & sand			1430	1595	Gas ck @ 5165 4/10-1" w/water
Sandy shale			15195	1775	15,041 cu.ft.
Big Lime & Injun			1775	1970	
Gray sand			1970	2030	Gas ck @ Drill collars 2/10-1"
Sandy shale & sandy			2030	2610	w/water
Sandy shale & sandy			2610	2770	10,650 cu.ft.
Sandy shale & sandy			770	2950	
Sandy shale & sandy			2950	3500	
Shale & sandy shale			3500	4799	
Benson			4799	4801	
Sand & shale			4801	5640	
Devonian Shale			5640	5793	
Shale			5793	5992	
				T.D.	

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By:  Robert Dahlin-Geologist

04/26/2024

Date: 10/9/84

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 ... encountered in the drilling of a well."

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

**RECEIVED**  
SEP 17 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

**INSPECTOR'S WELL REPORT**

Permit No. 85-6894

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

Company <u>J+J Enterprises, Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Goff</u>	16			Kind of Packer _____
Well No. <u>JK-929</u>	13			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	10			
Drilling commenced <u>9-6-84</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	<u>525 to 535</u> <u>Coal + Black Slate</u>			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: on 9-8-84 ran 1601 foot of 8 5/8" casing - Ran 325 sacks cement  
1775-1970 Big line and engine  
3730 foot deep at visit -  
Pit OK - almost all leaking that had happened on 9-7-84 has stopped  
9-10-84 (using new pit)  
Samuel N. [Signature]

DATE

04/26/2024  
DISTRICT WELL INSPECTOR



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

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SEP 1 1 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-6894

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

Company <u>J+J Enterprises, Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Staff</u>	16			Kind of Packer _____
Well No. <u>JK-929</u>	13			
District <u>Clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>9-6-84</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 _____ bbls., 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 \_\_\_\_\_

Remarks: Visit - 992 foot deep. - Pit leaking - Building new pit will install pit liner in new pit - Checked by Greg Henger P.N.R.

9-7-84  
DATE

Samuel M. [Signature] 04/26/2024





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

RECORDED  
SEP 17 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6894

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

Company <u>J+J Enterprises, Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Richard S. Goff</u>	16			Kind of Packer _____
Well No. <u>JK-929</u>	13			
District <u>Clay</u> County <u>Pitcher</u>	10			Size of _____
Drilling commenced <u>9-6-84</u>	8 1/4			
Drilling completed <u>9-12-84</u> Total depth <u>5992</u>	6 5/8			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 \_\_\_\_\_

Remarks: T.D. and complete hole at 5992  
Ran 5976 foot of 4 1/2" casing  
Halliburton to run 350 sacks of 50-50 Poz Mix  
Running 4" casing at time of visit

9-12-84  
DATE

Samuel N. [Signature] 04/26/2024



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APR 30 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  
November 8, 1984

COMPANY J & J Enterprises, Inc.

PERMIT NO 085-6894

P. O. Box 48

FARM & WELL NO Richard Goff JK-929

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. Heroman

DATE 4-25-85

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. B.  
Administrator-Oil & Gas Division

May 2, 1985  
DATE

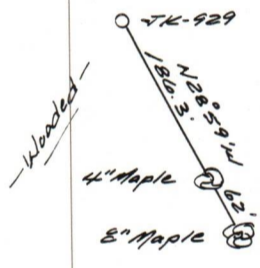
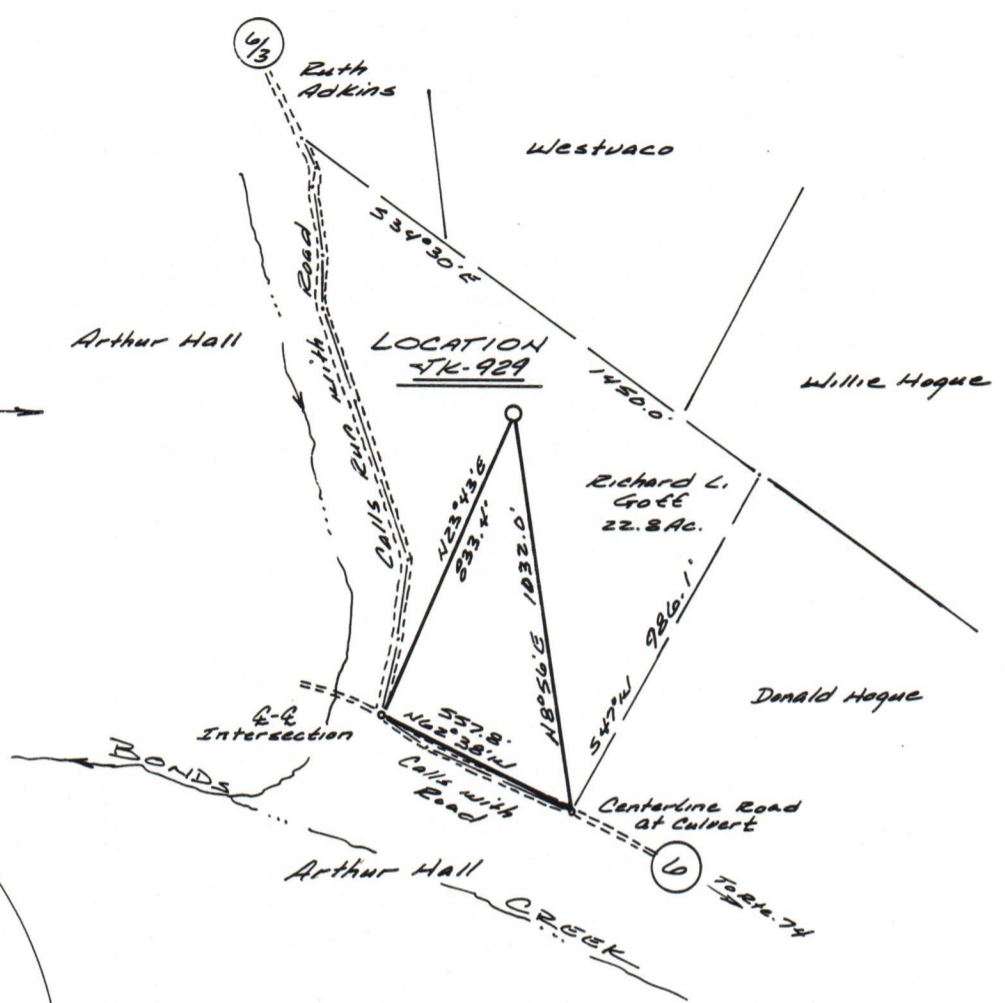
2200'

LATITUDE 39°20'00"

Topo 7.5'

LONGITUDE 81°00'00"

NORTH

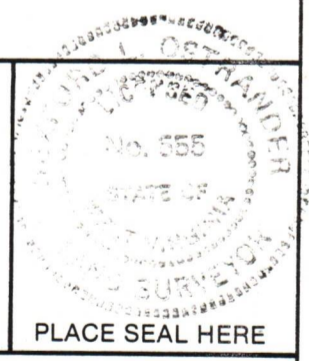


Reference 1" = 200'

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

FILE NO. 346.01  
 DRAWING NO. 84-27  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Spot 66. - 827'  
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. Rostander  
 R.P.E. \_\_\_\_\_ L.L.S. 555  
Buckhannon, WV



PLACE SEAL HERE

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



DATE 19 March, 19 84  
 OPERATOR'S WELL NO. JK-929  
 API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 980' WATERSHED Bonds Creek  
 DISTRICT Clay COUNTY Ritchie

SURFACE OWNER Richard L. Goff ACREAGE 22.8  
 OIL & GAS ROYALTY OWNER Richard L. Goff & others LEASE ACREAGE 22.8

LEASE NO. JT-1510  
 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 Demonian Shale ESTIMATED DEPTH 5995  
 WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT Richard Reddecliff  
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48  
Buckhannon, WV 26201 Buckhannon, WV 26201

COUNTY NAME

PERMIT

FORM IV-6 (8-78) H.T. HALL

04/28/2024