



1) Date: MAY 23, 19 84
 2) Operator's Well No. JK-99C
 3) API Well No. 47 - 095 - 1082
 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: 1106' Watershed: BIG RUN (OM:37)
 District: CENTERVILLE County: TYLER Quadrangle: PENNSBORO 7.5'
- 6) WELL OPERATOR J & J ENTERPRISES, INC. 7) DESIGNATED AGENT RICHARD M. REIDCLIFF
 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 ROBERT A. LOWTHER Name S.W. JACK DRILLING CO.
 Address GENERAL DELIVERY Address P.O. BOX 48
MIDDLEBOURNE, WV 26149 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, ALEXANDER
- 12) Estimated depth of completed well, 5300' feet
- 13) Approximate strata depths: Fresh, 90' feet; salt, N/A feet.
- 14) Approximate coal seam depths: 425'-426' Is coal being mined in the area? Yes / No /

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 Sacks	None
Fresh water	8 5/8	ERW	23	X		1206'	1206'	To surface	None
Coal	8 5/8	ERW	23	X		1206'	1206'	To surface	None
Intermediate									
Production	4 1/2	J-55	10.5	X		5200'	5200'	225 Sacks	None
Tubing								or as required by Rule 15-01	
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1082

Date June 12, 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 June 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>MH</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>1560</u>
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[Signature]
 Administrator, Office of Oil and Gas

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



1) Date: MAY 23 1988
 2) Operator's Well No. 43-095-1082
 3) API Well No. 43-095-1082
 State: West Virginia
 County: Putnam
 Permit No. 43-095-1082

OFFICE USE ONLY

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

1) LOCATION: District: Putnam County: West Virginia
 Elevation: 1150' Production B (If Gas): No
 2) WELL OPERATOR: Name: JACK DRILLING CO. Address: JACK DRILLING CO., P.O. BOX 108, JACKSONVILLE, VA 22821
 3) DESIGNATED AGENT: Name: JACK DRILLING CO. Address: JACK DRILLING CO., P.O. BOX 108, JACKSONVILLE, VA 22821
 4) DRILLING CONTRACTOR: Name: JACK DRILLING CO. Address: JACK DRILLING CO., P.O. BOX 108, JACKSONVILLE, VA 22821
 5) PROPOSED WELL WORK: Drill depth: 30 feet. Plug old formation: No. Perform new formation: No.
 6) GEOLOGICAL TARGET FORMATION: ALABAMA
 7) Estimated depth of completed well: 30 feet. Approximate true depth: 30 feet. Approximate coal seam depth: 10 feet. Is coal being mined in the area? No.

Casing or Tubing Type	Size	REGULATIONS			FOOTAGE INTERVALS	CEMENT FILL-UP ON SACS (Circuits)	ACCESS
		Welded	Flange	Other			
Intermediate	6 1/2"	X			1000'	20 SACS	0
Production	6 1/2"	X			1000'	20 SACS	0

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	June 12, 1988	
Well work started	"	"
Completion of the drilling process	"	"
Well Record received	"	"
Reclamation completed	"	"

OTHER INSPECTIONS

Reason: _____
 Reason: _____

Bond	Agent	Plan	Casing	Fee
1000	1000	1000	1000	1000

#2279



IV-9
(Rev 8-81)

DATE May 11, 1984

WELL NO. JK-990

API NO. 47-095-1082

State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc. DESIGNATED AGENT Richard Reddcliff
 Address P.O. Box 48 Buckhannon, WV 26201 Address P.O. Box 48 Buckhannon, WV 26201
 Telephone 304-472-9403 Telephone 304-472-9403
 LANDOWNER Edith Griffin SOIL CONS. DISTRICT Upper Ohio
 Revegetation to be carried out by J & J Enterprises, Inc. (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections
 and additions become a part of this plan: 5/18/84
 (Date)
Norman R. Mason
 (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Spacing <u>To be constructed along road</u> Page Ref. Manual <u>2-12</u>	Structure <u>Diversion Ditch</u> (1) Material <u>Soil</u> Page Ref. Manual <u>2-12</u>
Structure <u>Road Culvert</u> (B) Spacing <u>Min. size 15"</u> Page Ref. Manual <u>2-7</u>	Structure <u>Rip-Rap</u> (2) Material <u>Logs or Brush</u> Page Ref. Manual <u>N/A</u>
Structure <u>Cross Drain</u> (C) Spacing <u>40'-250' apart depending upon grade</u> Page Ref. Manual <u>2-1</u>	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

Lime	<u>3 Tons/acre</u>
or correct to pH	<u>6.5</u>
Fertilizer	<u>600 lbs/acre</u> (10-20-20 or equivalent)
Mulch Hay	<u>2 Tons/acre</u>
Seed* KY-31	<u>30 lbs/acre</u>
Annual Rye	<u>10 lbs/acre</u>
Red Clover	<u>5 lbs/acre</u>

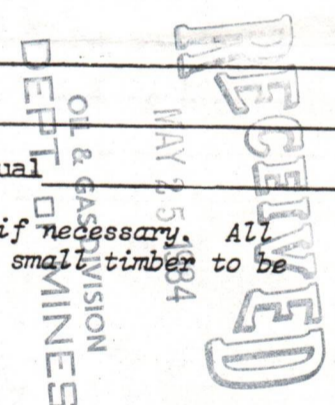
Treatment Area II

Lime	<u>3 Tons/acre</u>
or correct to pH	<u>6.5</u>
Fertilizer	<u>600 lbs/acre</u> (10-20-20 or equivalent)
Mulch Hay	<u>3 Tons/acre</u>
Seed* Orchard Grass	<u>30 lbs/acre</u>
Ladino Clover	<u>5 lbs/acre</u>
Red Clover	<u>5 lbs/acre</u>

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


PLAN PREPARED BY Smith Land Surveying Co. 12/22/2023
 ADDRESS 111 South Street
Glenville, WV 26351
 PHONE NO. 304-462-5634


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

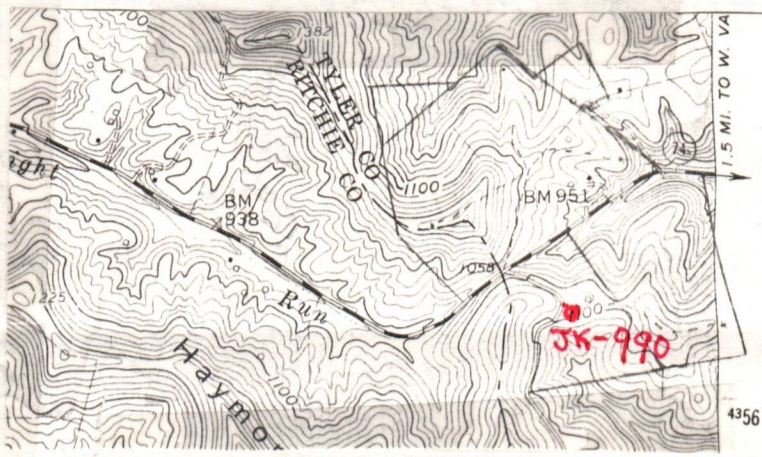


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Pennsboro 7.5'

LEGEND

Well Site 












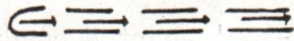
Access Road 



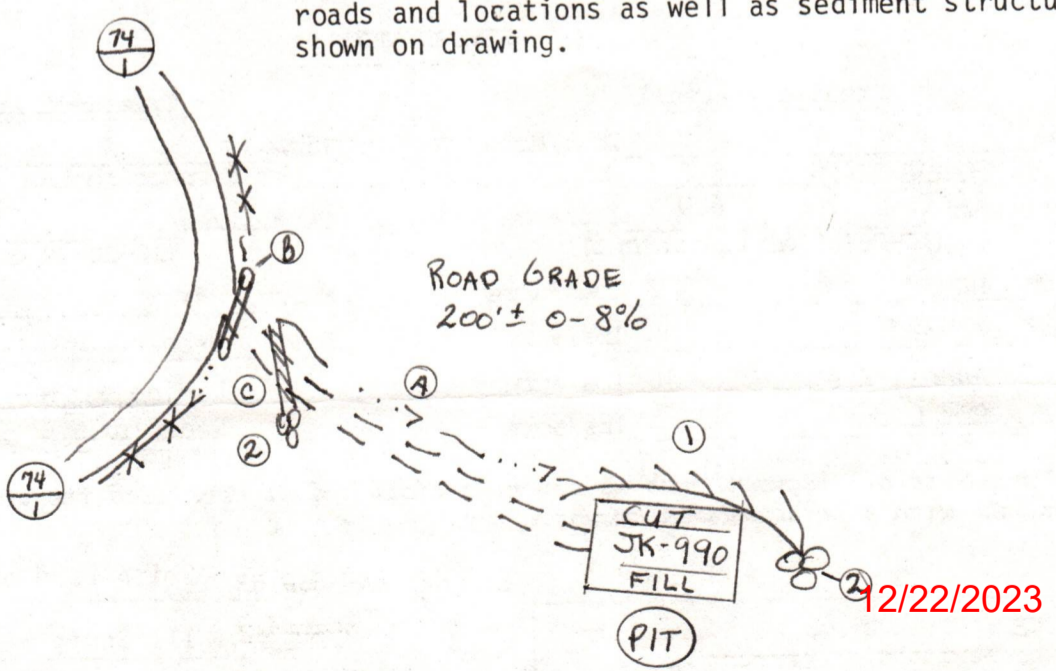
WELL SITE PLAN

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 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

Access road subject to change between company and land owner, or aquirement of right-of-way. If change is made, a revised reclamation plan will be submitted. All cuts 2:1 slope. All topsoil to be stockpiled and used in reclamation. All grades for roads and locations as well as sediment structures shown on drawing.



1) Date: MAY 23, 19 84
2) Operator's Well No. JK-990
3) API Well No. 47-025-1082
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 O.W. & EDITH GRIFFIN
Address P.O. BOX 3025
PARKERSBURG, WV 26101
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N/A
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 N/A
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.

DEPT. OF MINES
OIL & GAS DIVISION
MAY 25 1984
RECEIVED

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 M. REDDECLIFF
this 24 day of MAY, 19 84.
My commission expires 12-7, 1992.
Gregory A. Smith
Notary Public, GILMER County,
State of WV

WELL OPERATOR
J & J ENTERPRISES, INC.
By [Signature]
Its DESIGNATED AGENT
Address P.O. BOX 48
BUCKHANNON, WV 26201
Telephone 472 - 9403

12/22/2023

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.

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 Page</u>
O.W. & EDITH A. GRIFFIN	J & J ENTERPRISES, INC.	1/8-100%	247/57

12/22/2023

P 574 015 741


RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to O.W. & EDITH H. GRIFFIN	
Street and No. P.O. BOX 3025	
P.O., State and ZIP Code PARKERSBURG, WV 26101	
Postage	\$ 1.05
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery.	
TOTAL Postage and Fees	\$ 2.40
Postmark or Date 	

OIL & GAS DIVISION
DEPT. OF MINES

MAY 25 1984

RECEIVED

IV-35
(Rev 8-81)

RECEIVED

AUG 13 1984

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date August 10, 1984
Operator's Well No. JK-990
Farm Edith Griffin
API No. 47 - 095 - 1082

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: 1106 Watershed Big Run
District: Centerville County Tyler Quadrangle Pennsboro 7.5

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 O.W. & Edith Griffin

ADDRESS P.O. Box 3025 Parkersburg, WV 26101

MINERAL RIGHTS OWNER Same as surface

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Lowther ADDRESS Gen. Delivery, Middlebourne, WV 26149

PERMIT ISSUED 6/12/84

DRILLING COMMENCED 7/23/84

DRILLING COMPLETED 7/28/84

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	32	0	0 sks.
9 5/8			
8 5/8	1726.25	1726.25	425 sks.
7			
5 1/2			
4 1/2	3980.20	3980.20	410 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth feet

Depth of completed well 5990 feet Rotary x / Cable Tools

Water strata depth: Fresh 70 feet; Salt 0 feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 5926-30 / 5876-82 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Combined Final open flow 660 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1700 psig (surface measurement) after 96 hours shut in

(If applicable due to multiple completion--)

4582-4674

Second producing formation Benson, Riley Pay zone depth 4922/2023 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/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)

742 1082

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

Devonian Shale: Perforations: 5926-30 (6 holes) 5876-82 (10 holes)
 Fracturing: 3,000 lbs. 20/40 sand: 150 Bbls. fluid.
 Benson: Perforations: 4980-82(8 holes)
 Fracturing: 280 Sks. 20/40 sand:500 gal. acid:390 Bbls. fluid.
 Riley: Perforations: 4582.5-84 (6 holes) 4600-01 (4 holes) 4609-11(8 holes) 4671-74(8 holes)
 Fracturing: 3,000 lbs. 20/40 sand:500 gal. acid: 535 Bbls. fluid.

BOTTOM HOLE PRESSURE $P_f = P_{we} \times \frac{1}{XGLS}$
 $t=60 + (0.0075 \times 3980) + 459.7 = 550$ $X=53.35 \times 550 = 29318 = 0.0034$ $P_f=1700 \times 2.72^{(0.000034)}$
 $(0.742)(5232)(0.9) = 1700 \times 2.72^{0.12} = 1700 \times 1.1$

Pf=1917 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
Sand			0	50	
Red rock, shale & sand			50	195	1" stream @ 70'
Sand, shale & red rock			195	1426	
Sand & shale			1426	1520	Gas ck @ 2352 2/10-7" w/water 603,000 cu.ft.
Sand			1520	1555	
Sand & shale			1555	1950	
Big Lime			1950	2040	Gas ck @3519 2/10-7" w/water 603,000 cu.ft.
Big Injun			2040	2160	
Sand & shale			2160	4582.5	
Riley			4582.5	4674	Gas ck @ 4751 2/10-7" w/water 603,000 cu.ft.
Sand & shale			4674	4980	
Benson			4980	4982	
Sand & shale			4982	5876	Gas ck @ 5307 2/10-7" w/water 603,000 cu.ft.
Devonian Shlae			5876	5930	
Sand & shale			5930	5990	
				T.D.	Gas ck @ collars 2/10-7" w/water 603,000 cu.ft.

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By:

Date:



8/10/84

12/22/2023

Robert Dahlin-Geologist

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
JUL 31 1984

INSPECTOR'S WELL REPORT

Permit No. 095-1082

Oil or Gas Well
DEPT. OF MINES

Company J & J Enterprises
 Address Buckhannon W. Va
 Farm Cuffman
 Well No. 5K 990
 District Centerville County Tyler
 Drilling commenced July 23, 1984
 Drilling completed _____ Total depth 680
 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 70 feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
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 _____
Contractor S W Jack Rig 19
 Remarks: _____

July 24, 1984
DATE

R. A. Lowther
DISTRICT WELL INSPECTOR

12/22/2023

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

12/22/2023

DISTRICT WELL INSPECTOR

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

RECEIVED
JUL 31 1984

INSPECTOR'S WELL REPORT

Permit No. 095-1082

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Company <u>J & J Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buckshannon w. Va</u>	Size			
Farm <u>Griffin</u>	16			Kind of Packer _____
Well No. <u>JK 990</u>	13			
District <u>Centerville</u> County <u>Tyler</u>	10			Size of _____
Drilling commenced _____	8 1/4	<u>1726</u>	<u>1726</u>	
Drilling completed _____ Total depth <u>1726</u>	6%			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 <u>8 5/8</u> SIZE <u>1726</u> No. FT. <u>7-25-84</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Halliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Contractor Sylv. Jack Rig 19
Remarks: Cemented with 425 SRS cement

July 25, 1984
DATE

R. A. Lowther
DISTRICT _____
12/22/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

I hereby certify I visited the above well on this date.

DATE

12/22/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

JUL 31 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Permit No. 095-1082

Company J & J Enterprises
 Address Buckhannon w. Va.
 Farm Griffin
 Well No. JK 990
 District Centerville County Tyler
 Drilling commenced _____
 Drilling completed _____ Total depth 2445
 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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
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: _____

July 26, 1984
DATE

R. A. Lowther
DISTRICT WELL INSPECTOR
12/22/2023

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____

ADDRESS _____

FARM _____

DISTRICT _____

COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

I hereby certify I visited the above well on this date.

DATE

12/22/2023

DISTRICT WELL INSPECTOR

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

RECEIVED
AUG - 1 1984

INSPECTOR'S WELL REPORT

Permit No. 095-1082

OIL & GAS DIVISION
DEPT. OF MINES

Company <u>J D Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buckhannon w. Va</u>	Size			
Farm <u>Griffin</u>	16			Kind of Packer
Well No. <u>JK 990</u>	13			
District <u>Centerville</u> County <u>Tyler</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed <u>7-29-84</u> Total depth	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 _____ 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:

July 30, 1984
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR
12/22/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

12/22/2023

DISTRICT WELL INSPECTOR



RECEIVED
APR 29 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 5, 1984

COMPANY J & J Enterprises, Inc.
P. O. Box 48
Buckhannon, West Virginia 26201

PERMIT NO 095-1082
FARM & WELL NO Edith Griffin #JK-990
DIST. & COUNTY Centerville/Tyler

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 R. A. Lowther

DATE Apr 24, 1985

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. L. v. B.

Administrator-Oil & Gas Division

April 30, 1985

DATE

RECEIVED
NOV 6 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1.0 API well number (If not available, leave blank. 11 digits.)	47-095-1082-0000			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	108 Section of NGPA		N/A Category Code	
3.0 Depth of the deepest completion location. (Only one of sections 103 or 107 in 2.0 applies.)	5943 feet			
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	J & J Enterprises, Inc. PO Box 697 Indiana PA 15701 State Zip Code			009480 Seller Code
5.0 Location of this well. (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Centerville County Tyler State WVA			
(b) For OCS wells:	N/A Area Name		Block Number	
	Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well. (35 letters and digits maximum.)	JK-99D			
(d) If code 4 or 5 in 2.0 above, name of the reservoir. (35 letters maximum.)	N/A			
6.0 (a) Name and code number of the purchaser. (35 letters and digits maximum. If code number not available, leave blank.)	Purchaser to be determined			
(b) Date of the contract.	Mo. Day Yr.			
(c) Estimated annual production:	MMcf			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price (Actual filing date. Complete to 3 decimal places.)				
8.0 Maximum leasehold rate (Actual filing date. Complete to 3 decimal places.)	4.405	2.78		4.683
9.0 Person responsible for this application	J. H. McElwain Exec. V. President Name Title <i>James H. McElwain</i> 11/1/85 (612) 349-6000 Date of completion is complete.			

Agency Use Only
Date filed for this application
NOV - 6 1985
Date received by FERC

12/22/2023

NOV 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Nov 1, 1985 24150

AGENCY USE ONLY

Applicant's Name: J & J ENTERPRISES, INC.
Address: P.O. Box 697
Indiana, PA. 15701

WELL DETERMINATION FILE NUMBER
851106-1080-095-1082
Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. 243250
Date of Contract _____
(Month, day and year)

First Purchaser: Purchaser to be Determined
Address: _____
(Street or P.O. Box)

(City) (State) (Zip Code)
FERC Seller Code 009480

Designated Agent: Richard Pedderliff
Address: P.O. Box 48
Buckhannon, WA 26201

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: Vicki Vanderberg _____
(Print) (Title)
Signature: *Vicki Vanderberg*
Address: P.O. Box 697
(Street or P.O. Box)
Indiana, PA. 15701
(City) (State) (Zip Code)
Telephone: 412 349-6800
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
 - 102-2 2.5 Mile Test
 - 102-3 1000 Foot Deeper Test
 - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
 - 103 New Onshore Production Well
- 107 High Cost Natural Gas
 - 107-0 Deep (more than 15,000 feet)
 - 107-1 Geopressed Brine
 - 107-2 Coal Seams
 - 107-3 Devonian Shale
 - 107-5 Production enhancement
 - 107-6 New Tight Formation
 - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
 - 108- Stripper Well
 - 108-1 Seasonally Affected
 - 108-2 Enhanced Recovery
 - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

QUALIFIED

12/22/2023

RECEIVED
NOV 6 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

Date: Nov 1, 1985

Operator's Well No. JK-990

API Well No. 47 - 095 - 1082
State County Permit

Well Operator: J & J Enterprises, Inc.

Address: P. O. Box 697
Indiana, PA 15701

Gas Purchaser: To Be Determined

Address: _____

Designated Agent: Richard Reddecliff

Address: P.O. Box 48
Buckhannon, WVA 26201

Location: Elevation 1106

Watershed Big Run

Dist. C.ville County Tyler Quad. P. box

Gas Purchase Contract No. 243250

Meter Chart Code 25280990

Date of Contract _____

All applicants must complete FERC Form 121, including question No. 2.0 which should state Section 108 of NGPA.

QUALIFICATIONS

1. Rate of Production

a.) What date did the well have first production? Aug 14, 1984

b.) What are the beginning and ending dates of the 90-day production period?

From May 1 (1-1), 1985 to July 31 (2-3), 1985. During this 90-day production period, what was the total and average per-day production? The well produced a total of 1006 MCF or average 11 MCF per day.

2. Maxium Efficient Rate of Flow

The operator must establish that the well produced at its maxium efficient rate of flow by use of one of the following procedures (Check one):

[] a.) If the filing date is more than one year from the date of first production, provide production on IV-39 for twelve months prior to the last day of the 90-day production period (2-1 in item 1). This twelve month period is 08 12/22/2029 (month-day-year) through 07 31 85 (month-day-year) and produced a total of 6450 MCF or average 18 per day.

[] b.) If the well does not have a 12-month history of production; but has recently

produced an average of 60 Mcf or less per production day for the 90-day period (item 1). All available months of production preceding the filing date are shown on Form IV-39.

c.) Will the maximum efficient rate of flow be established by other evidence? NO

3. Dates

a.) List the dates during the production period (including the 90-day production period) which gas was not produced. N/A

b.) Why was no gas produced on these dates? N/A

4. Crude Oil

How much oil did the well produce during the 90-day production period? NONE
(total bbls)

How much oil per day? N/A

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax records and royalty payment records) and indicate the location of such records.

Describe the search made of any records listed above:

AFFIDAVIT

I, James H. McElwain, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

James H. McElwain

Executive Vice President

STATE OF Pennsylvania

COUNTY OF Indiana, TO-WIT:

I, Vicki L. Vanderberg, a Notary Public in and for the state and county aforesaid, do certify that James H. McElwain, whose name is signed to the writing above, bearing date the 1st day of Nov, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 1st day of Nov, 1985

12/22/2023

My term of office expires on the 23 day of Jan, 1988.

Vicki L. Vanderberg
VICKI L. VANDERBERG, NOTARY PUBLIC
INDIANA COUNTY, INDIANA COUNTY
Notary Public
MY COMMISSION EXPIRES JAN. 23, 1988
Member, Pennsylvania Association of Notaries

[NOTARIAL SEAL]

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL IN BARRELS @ 60 DEGREES

J. & J. ENTERPRISES, INC.
P.O. BOX 697
INDIANA, PA 15701

12/22/2023

OPERATOR _____

YEAR 19 84

API	<u>045-1083</u>	FAIRM	<u>Cor. Fin</u>	COUNTY	<u>Tyler</u>	AVG. FLOW PRESSURE	SHUT-IN PRESSURE	GAS
GAS MCF								TOTALS
OIL BBL								<u>2550</u>
DAYS ON LINE								<u>0</u>
								<u>108</u>

Well in line 8/14/84

YEAR 19 85

API		FAIRM		COUNTY		AVG. FLOW PRESSURE	SHUT-IN PRESSURE	GAS
GAS MCF								TOTALS
OIL BBL								<u>3898</u>
DAYS ON LINE								<u>0</u>
								<u>243</u>

1000 = 10.93
93

6450
351 = 18.37

API		FAIRM		COUNTY		AVG. FLOW PRESSURE	SHUT-IN PRESSURE	GAS
GAS MCF								TOTALS
OIL BBL								
DAYS ON LINE								

API NUMBERS

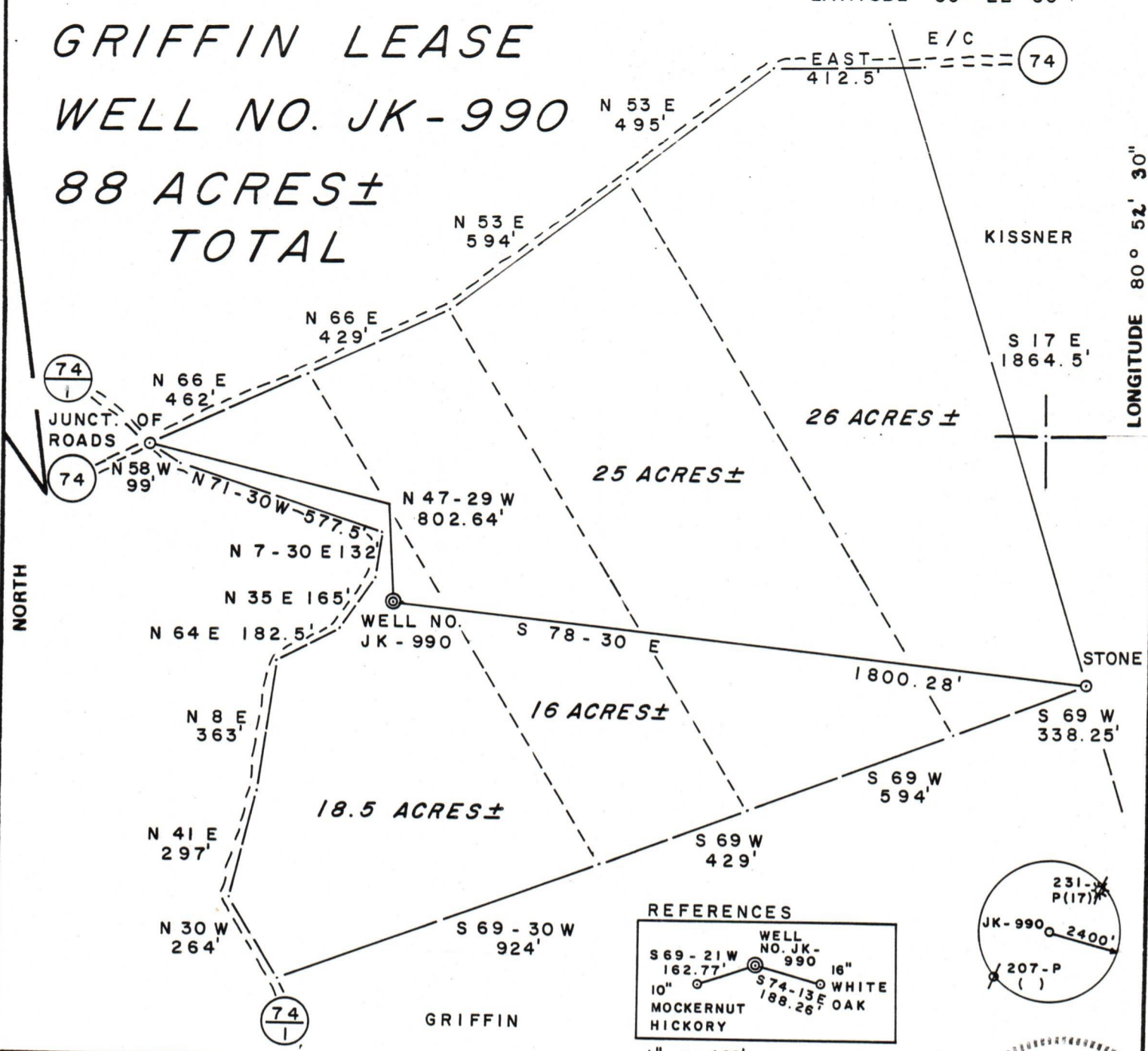
SUMMARIZATION SCHEDULE
Section 271.804 (b)

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart II.

N/A

LATITUDE 39° 22' 30"

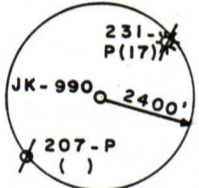
GRIFFIN LEASE WELL NO. JK-990 88 ACRES ± TOTAL



LONGITUDE 80° 52' 30"

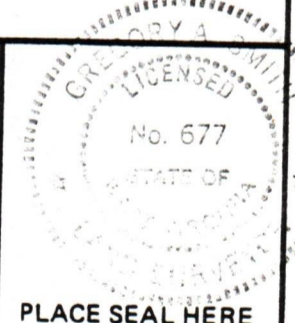
REFERENCES

WELL NO. JK-990 16"
 S 69 - 21 W 162.77'
 10" MOCKERNUT
 S 74 - 13 E 188.26' WHITE
 HICKORY OAK



FILE NO. 13-16
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION BM ELEV. 951'

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



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



DATE MAY 11, 1984
 OPERATOR'S WELL NO. JK-990
 API WELL NO. _____
47 - 095 - 1082
 STATE COUNTY PERMIT

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

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1106' WATERSHED BIG RUN
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE PENNSBORO 7.5'
 SURFACE OWNER O. W. & EDITH A. GRIFFIN ACREAGE 88
 OIL & GAS ROYALTY OWNER O. W. & EDITH A. GRIFFIN LEASE ACREAGE 88
 LEASE NO. JJ-1479
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5300'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
 ADDRESS P. O. BOX 48 ADDRESS P. O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

12/22/2023