



1) Date: February 29, 19 84
 2) Operator's Well No. JK-905
 3) API Well No. 47 - 085 - 6886
 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: 996 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 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, 5990 feet
- 13) Approximate trata depths: Fresh, 376 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____

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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	113/4H	40	42	x		30	0	0 sks.	Kinds
Fresh water	85/8	ERW	23	x		1300 <u>1096</u>	1300 <u>1096</u>	To surface	NEAT
Coal	85/8	ERW	23	x		1300 <u>1096</u>	1300 <u>1096</u>	To surface	
Intermediate									
Production	4 1/2	J-55	10.5	x		5940	5940	425 sks.	Depths set
Tubing									OR AS REQ. BY RULE
Liners									Perforations: <u>15.01</u>
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-6886 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: BLANKET	Agent: <u>ls</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>1451</u>
-------------------------	------------------	-----------------	---------------------	--------------------

[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 No. _____

2) LOCATION: District _____, County _____, Township _____, Range _____, Section _____, Elevation _____

3) WELL OPERATOR: _____, Address _____

4) DESIGNATED AGENT: _____, Address _____

5) DRILLING CONTRACTOR: _____, Address _____

6) OIL & GAS INSPECTOR TO BE NOTIFIED: _____, Address _____

7) PROPOSED WELL WORK: _____

8) GEOLOGICAL TARGET FORMATION: _____

9) Estimated depth of completed well: _____ feet

10) Approximate test depths: Fresh _____ feet, Gas _____ feet

11) Approximate coal seam depths: _____ feet

12) CASING AND TUBING PROGRAM: _____

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OIL & GAS DIVISION

Casing or Tubing Type	Size	Grade	Specification		Footage Interval	Left in well	Cement in Casing or Annulus	Remarks
			Weight per ft.	Yield				
Production	8 1/2"	API 5L X 42	42	42	30			
Intermediate	8 1/2"	API 5L X 42	42	42	100			
Completion	8 1/2"	API 5L X 42	42	42	100			
Production	8 1/2"	API 5L X 42	42	42	100			

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: _____

Inspected	Agent	Permit	Casing	Fee

04/26/2024



IV-9
(Rev 8-81)

DATE 20 February, 1984

WELL NO. JK-905

API NO. 47-085-6886

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 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

Garrett Newton
(SCD Agent)

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ACCESS ROAD

LOCATION

OIL & GAS DIVISION

DEPT. OF MINES

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

Structure Diversion Ditch (1)
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 -----

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)
Mulch 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 SURVEYING, INC. 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.

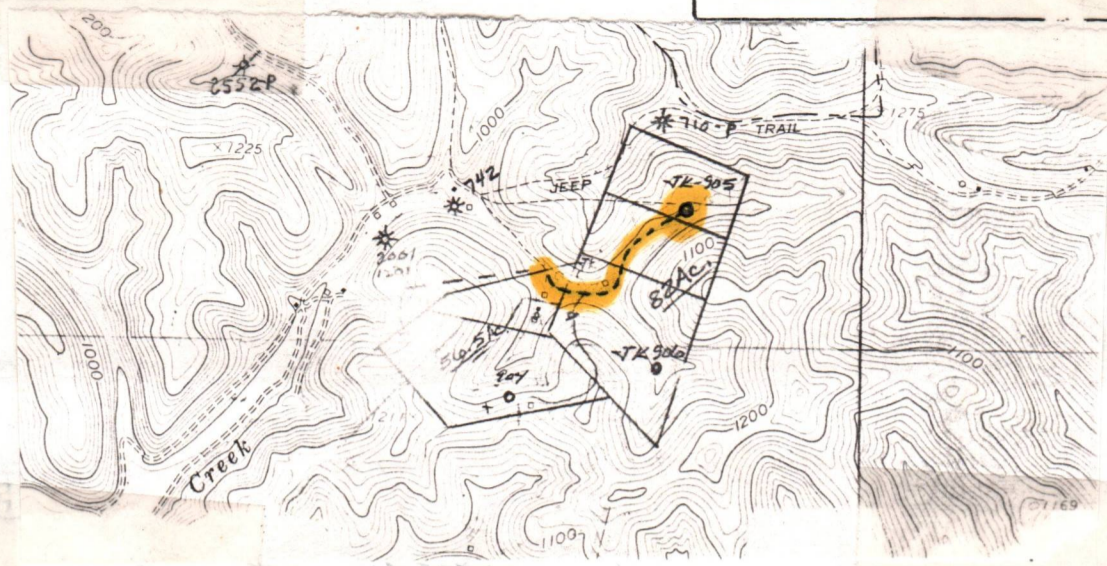
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Pennsboro, NW 7.5'

LEGEND

Well Site 












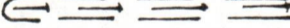
Access Road 



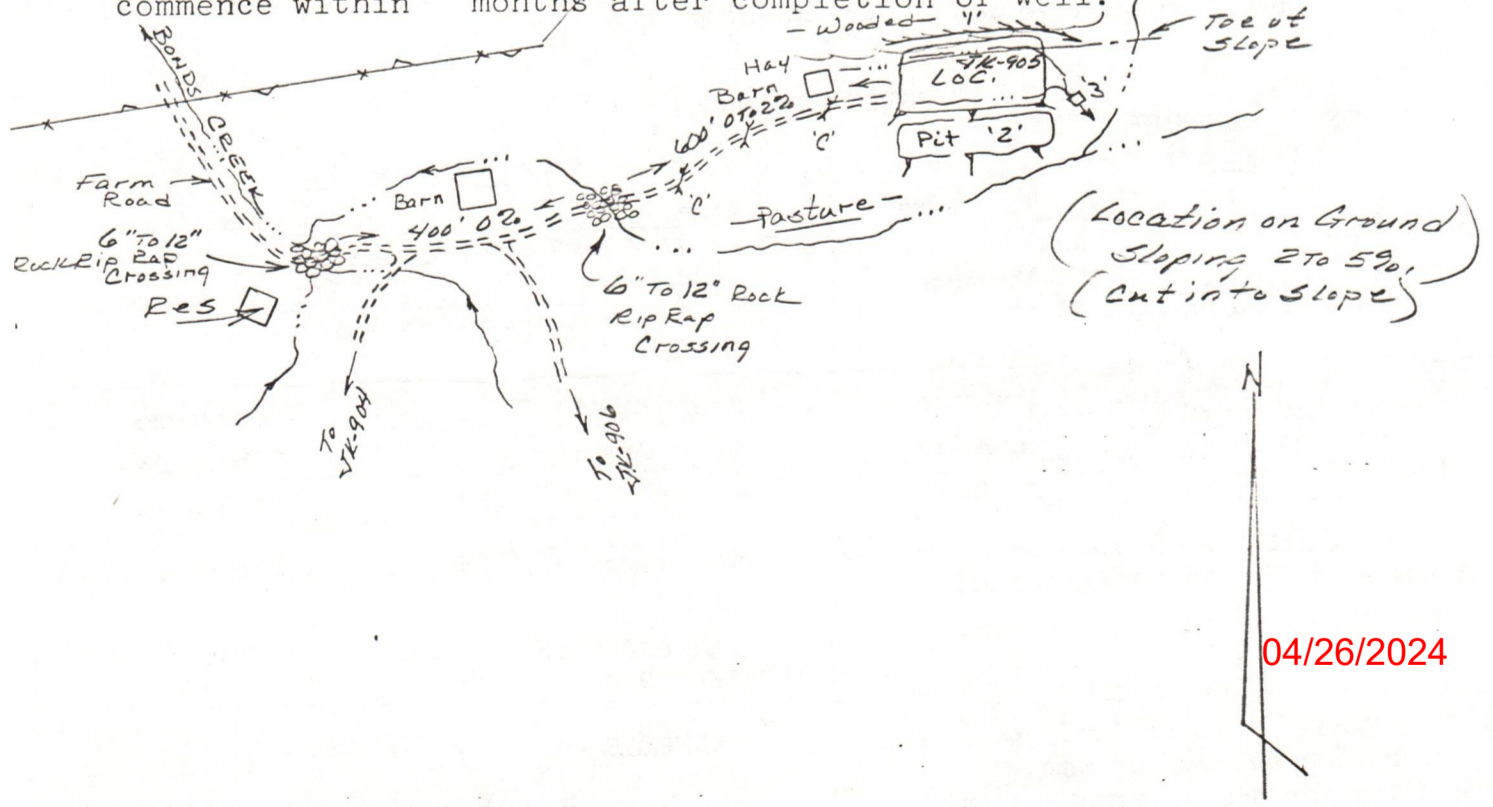
WELL SITE PLAN

Attach to include well location, existing access road, roads to be constructed, wellsite, filling pits and necessary structures numbered or lettered to correspond with the first sheet 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 26415
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 comments:

- (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.

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MAR 5 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

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 or before the day of mailing or delivery to the Administrator.

6) DETRACTION 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

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

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

Linda S. Canfield
Notary Public, Upshur County,
State of West Virginia

INSTRUCTIONS TO APPLICANT

CONCERNING THE LEASE 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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
James W. Utt	J&J Enterprises, Inc.	1/8 of 100%	165 548

SURFACE OWNER'S COPY



1) Date: February 29, 1984
 2) Operator's Well No. JK-905
 3) API Well No. 47 State 085 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: 996 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 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, 5990 feet
- 13) Approximate trata depths: Fresh, 376 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	OIL & GAS DIVISION DEPT. OF MINES
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	<u>11 3/4</u>	<u>40</u>	<u>42</u>	<input checked="" type="checkbox"/>		<u>30</u>	<u>0</u>	<u>0</u> sks.	King
Fresh water	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>1300</u>	<u>1300</u>	<u>To surface</u>	Sizes
Coal	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>1300</u>	<u>1300</u>	<u>To surface</u>	Depth
Intermediate									Set
Production	<u>4</u>	<u>J-55</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>5940</u>	<u>5940</u>	<u>425</u> sks.	Perforations
Tubing									Top
Liners									Bottom

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: _____

James W. Utt Date: 3-5-84
 (Signature)

By _____

 (Signature) Date: _____

Its 5 Date 8

Surface Owner
04/26/2024

Coal Owner

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AND GAS DIVISION

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AND GAS DIVISION

APR 26 1984



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JUN 21 1984

State of West Virginia
Department of Mines
Oil and Gas Division

Date 6/13/84
Operator's Well No. JK-905
Farm J.W. Utt
API No. 47 - 085 - 6886

OIL & GAS DIVISION
DEPT. OF MINES WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production / Underground Storage ___ / Deep ___ / Shallow)

LOCATION: Elevation: 996 Watershed Bonds Creek
District: Clay County Ritchie Quadrangle Pennsboro

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 James W. Utt
ADDRESS Rt. # 2, 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

PERMIT ISSUED 5/16/84

DRILLING COMMENCED 5/10/84

DRILLING COMPLETED 5/16/84

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	1599.60	1599.60	450 sks.
7			
5 1/2			
4 1/2	5927.05	5927.05	610 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shlae Depth 5678-5776 feet

Depth of completed well 5995 feet Rotary / Cable Tools

Water strata depth: Fresh 18-65 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 5678-5776 feet

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

Combined Final open flow 207 Mcf/d Final open flow ___ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1400 psig (surface measurement) after 96 hours shut in

(If applicable due to multiple completion--)

Second producing formation Benson, Warren Pay zone depth 4822-25 3371-33 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)

04/26/2024

R.T. 6286

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

Warren: Perforations: 3371-78 (9 holes) 3391-93(5 holes) 265 sks, 20/40 sand; 500 gal, acid
450 Bbls, fluid.
Benson: perforations: 4822-25(10 holes) 350 sks, 20/40 sand: 500 gal, acid: 362 Bbls, fluid.
Devonian Shale: 5678-84 (4 holes) 5690-94 (3 holes) 5707-11 (4 holes) 5727-29 (2 holes) 5771-
5776 (4 holes) 300 sks, 20/40 sand: 415 Bbls, fluid.

BOTTOM HOLE PRESSURE Pf=Pwe XGLS

$$t=60 + (0.0075 \times 5927) + 459.7 = 564 \quad X = \frac{1}{53.35} \times \frac{1}{564} = \frac{1}{30089} = 0.000033 \quad Pf=1400 \times 2.72^{(0.000033)}$$

$$(0.661)(4574)(0.9) = 1400 \times 2.72^{0.09} = 1400 \times 1.09$$

Pf=1526 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
Fill			0	5	
Red shale & gray sand			5	20	1" stream @ 18'
Sand, shale & red rock			20	260	
Sand, red rock & shale			260	435	1" stream @ 65'
Sand & shale			435	650	
Sand, shale & red rock			650	802	Gas ck @ 2192 No show
Sand & shale			802	1112	
Red rock & shale			1112	1668	Gas ck @ 3636 8/10-1/2" w/water 5,324 cu.ft
Sand			1668	1875	
Big Lime			1875	1970	
Big Injun			1970	2065	Gas ck @ 4649 6/10-1" w/water 4,611 cu.ft.
Sand & shale			2065	3371	
Warren			3371	3393	
Sand & shale			3393	4822	Gas ck @ 4956 10/10-1" w/water 23,314 cu.ft.
Benson			4822	4825	
Sand & shale			4825	5678	
Devonian Shale			5678	5776	Gas ck @ 5202 10/10-1" w/water 23,314 cu.ft.
Sand & shale			5776	5995	
					T.D.

(Attach separate sheets as necessary)

J&J Enterprises, INC.

Well Operator

By: *B.D. Dublin*

04/26/2024

Date: 6/13/84

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 coal, encountered in the drilling of a well."

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

RECEIVED

MAY 2 1 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-6886

Oil or Gas Well _____
(KIND)

Company J J Enterprises
 Address _____
 Farm James W. UTT
 Well No. JK-905
 District Clay County Pitclike
 Drilling commenced 5-10-84
 Drilling completed _____ Total depth _____
 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 1" STREAM AT 18' feet _____ feet
1" STREAM AT 65' 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 5/8			
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 R. S. Squires / William Kimble / Stanley E. Pugh

Remarks: S. W. Jack Rig #19 Tool Pusher - Danny Miller
On 5-13-84 ran 1615' of 8 5/8" casing - Halliburton ran 300
sacks of standard with 2% cc and 150 sacks std. with 3% cc
And 1/4 lb. Flacelle per sack on first 300 sacks cement
1875-1970 Big lime Pit leaking small amount of soap no mud
1970-2065 Big enjun in creek with soap
2192 check gas - no show 2620' deep at visit

5-14-84
DATE

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

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

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: _____

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

DISTRICT WELL INSPECTOR

04/26/2024

RECEIVED

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
June 28, 1984

COMPANY J & J Enterprises, Inc.

PERMIT NO 085-6886

P. O. Box 48

FARM & WELL NO J. W. Utt #JK-905

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.

[Signature]

Administrator-Oil & Gas Division

May 2, 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.)	47-085-6886-0000			
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 formation location (Only enter if sections 103 or 107 in 2.0 above.)	5576 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.		009480 Section Code	
	PO Box 697			
	Street	Indiana	PA	15701
	City		State	Zip Code
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Clay State Name		WVA State	
	Ritchie County			
(b) For OCS wells:	N/A Area Name		Block Number	
	Date of Lease:		OCS Lease Number	
	Mo. Day Yr.			
(c) Name and identification number of this well (35 letters and digits maximum.)	JK-905			
(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			
	Name		Section Code	
(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 rate. Complete (a) & d) (decimal places.)	---	---	---	---
8.0 Maximum royalty rate (Actual filing rate. Complete (a) & d) (decimal places.)	4 4 0 5	2 7 8	---	4 6 8 3
9.0 Person responsible for this application	J. H. McElwain		Exec. V. President	
	Name		Title	
	<i>James H. McElwain</i>			
	11/1/85		(612) 349-6800	
	Date registration is completed		File # Number	

Agency Use Only
 Date received by agency
NOV - 6 1985
 Date received by FERC

04/26/2024

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

NOV 30 1985

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

851106 -1080-085- 6886

Use Above File Number on all Communications Relating to This Well

Designated Agent: Richard Poddecliff

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

FERC Buyer Code

Date: Nov 1, 1985 24150

Applicant's Name: J & J ENTERPRISES, INC.

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

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

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

Name: Vicki Vanderberg _____ (Title) _____

Signature: (Print) Vicki Vanderberg _____

Address: P.O. Box 697 _____
(Street or P.O. Box) _____
Indiana, PA. 15701

Telephone: { 412 } { 349-6800 } _____
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

HGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

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

- 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 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

04/26/2024

RECEIVED
NOV 6 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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. June 17 through July 1, 1985

b.) Why was no gas produced on these dates? high line pressure

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 June, 19 85, has acknowledged the same before me, in my county aforesaid.

04/26/2024

Given under my hand and official seal this 1st day of June, 19 85

My term of office expires on the 23 day of Jan, 19 88.

Vicki L. Vanderberg
VICKI L. VANDERBERG, NOTARY PUBLIC
INDIANA BOROUGH, INDIANA COUNTY
My Commission Expires JAN. 23, 1988
Member, Pennsylvania Association of Notaries

[NOTARIAL SEAL]

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-905

API Well No. 47 State County Permit

Designated Agent: Richard Reddcliff

Address: P.O. Box 48

Buckhannon, WVA 26201

Location: Elevation 996

Watershed Bowd's Creek

Dist. Way County Ritchie Quad R. D. 20

Gas Purchase Contract No. 213250

Meter Chart Code 55310905

Date of Contract



Well Operator: J & J Enterprises, Inc.

Address: P. O. Box 697

Indiana, PA 15701

Gas Purchaser: To Be Determined

Address:

1. Rate of Production

a.) What date did the well have first production? July 26, 1984

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

From May 1, 1985 to July 31, 1985. During this 90-day

production period, what was the total and average per-day production? The well

produced a total of 337 MCF or average 7 MCF per day.

2. Maximum Efficient Rate of Flow

The operator must establish that the well produced at its maximum efficient rate

of flow by use of one of the following procedures (Check one):

(X) 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 01 84

through 07 31 85 and produced a total of 337 MCF or average 7 per day.

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

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

04/26/2024

11/1/85
JK-905

OPERATOR J. & J. ENTERPRISES, INC.

YEAR 19 84

API 0856886 FARR# J. W. UTT COUNTY Putnam

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF	OIL BBL	DAYS ON LINE	J-	F-	M-	A-	M-	J-	J-	A-	S-	O-	N-	D-	GAS
															14641
															0
															122

YEAR 19 85

API _____ FARR# _____ COUNTY _____

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF	OIL BBL	DAYS ON LINE	J-	F-	M-	A-	M-	J-	J-	A-	S-	O-	N-	D-	GAS
															1823
															0
															243

YEAR 19 _____

API _____ FARR# _____ COUNTY _____

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF	OIL BBL	DAYS ON LINE	J-	F-	M-	A-	M-	J-	J-	A-	S-	O-	N-	D-	GAS

API NUMBERS

SUMMARIZATION SCHEDULE
Section 271.804 (b)

D/A

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 H.

$$\frac{3281}{365} = 9.00$$

<p>1.0 Advertiser number: (If not available, leave blank. 11 digits.)</p>	<p>47-085-6887</p>												
<p>2.0 Type of determination being sought (Use the codes found on the front of this form.)</p>	<p>108 Section of NGPA</p> <p style="margin-left: 200px;">N/A Category Code</p>												
<p>3.0 Depth of the deepest completion location (Only show last two digits 103 or 107 in 2.0 above.)</p>	<p>4828 feet</p>												
<p>4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>J & J Enterprises, Inc. 009480 <small>Company Code</small></p> <p>P.O. Box 697</p> <p>Street Indiana Pa. 15701</p> <p>City State Zip Code</p>												
<p>5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)</p>	<p>Clay <small>Field Name</small></p> <p>Ritchie WV <small>County</small> State</p>												
<p>(b) For OCS wells:</p>	<p>N/A</p> <p><small>Area Name</small> <small>Block Number</small></p> <p style="text-align: center;"><small>Date of Lease:</small></p> <table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td> </tr> <tr> <td style="border: none;"><small>Mo.</small></td><td style="border: none;"><small>Day</small></td><td style="border: none;"><small>Yr.</small></td><td colspan="3" style="border: none;"><small>OCS Lease Number</small></td> </tr> </table>							<small>Mo.</small>	<small>Day</small>	<small>Yr.</small>	<small>OCS Lease Number</small>		
<small>Mo.</small>	<small>Day</small>	<small>Yr.</small>	<small>OCS Lease Number</small>										
<p>(c) Name and identification number of this well (35 letters and digits maximum)</p>	<p>JK-906</p>												
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum)</p>	<p>N/A</p>												
<p>6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p>Purchaser to be determined <small>Code</small></p>												
<p>(b) Date of the contract.</p>	<table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td> </tr> <tr> <td style="border: none;"><small>Mo.</small></td><td style="border: none;"><small>Day</small></td><td style="border: none;"><small>Yr.</small></td><td colspan="3" style="border: none;"></td> </tr> </table>							<small>Mo.</small>	<small>Day</small>	<small>Yr.</small>			
<small>Mo.</small>	<small>Day</small>	<small>Yr.</small>											
<p>(c) Estimated annual production:</p>	<p style="text-align: right;">Mcf</p>												
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)									
7.0 Contract price (As of filing date. Complete all decimal places.)	4 4 3 2	. 2 7 8	4 . 7 1 0									
8.0 Maximum available rate (As of filing date. Complete all decimal places.)	4 4 3 2	. 2 7 8	4 . 7 1 0									
<p>9.0 Person responsible for this application</p>	<p>J. H. McElwain Exec. V. President</p> <p>Name <i>James H. McElwain</i> Title</p> <p>12-6-85 (612) 349-6800</p> <p style="text-align: right;">Date registration is completed File # Number</p>												

Agency Use Only

Date Received by State Agency

DEC - 9 1985

Date Approved by FERC

04/26/2024

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

DEC 30 1985

Date: Dec. 6, 1985

24150

AGENCY USE ONLY

Applicant's Name: J & J ENTERPRISES, INC.

Address: P.O. Box 697

Indiana, PA. 15701

Purchaser Contract No. _____

Date of Contract _____
(Month, day and year)

First Purchaser: Purchaser to be Determined

Address: _____
(Street or P.O. Box)

(City) _____ (State) _____ (Zip Code) _____

OC Seller Code 009480

WELL DETERMINATION FILE NUMBER
851209 1080-085-6887
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Richard Reddick

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

FERC Buyer Code _____

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

Name: Vicki Vanderberg (Print) _____ (Title) _____

Signature: Vicki Vanderberg

Address: P.O. Box 697
(Street or P.O. Box)
Indiana, PA. 15701

Telephone: 412 (City) _____ (State) _____ (Zip Code) _____
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

SECTION/SUBSECTION

- New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

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

- New Onshore Production Well
- 103 New Onshore Production Well

- High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

04/26/2024

RECEIVED
DEC - 9 1985

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

JK-904

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

Date: Dec 16, 1985

NGPA Section 108

Operator's Well No. JK-904

API Well No. 47 - 085 - 0282
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 990

Watershed Bonns Creek

Dist. Clay County Atomic Quad.

Gas Purchase Contract No. 243250

Meter Chart Code 25310906

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? Sept 18, 1984

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

From July 1, 1985 to Sept 30, 1985. During this 90-day production period, what was the total and average per-day production? The well produced a total of 758 MCF or average 8 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 09 18 84 through 09 30 85 and produced a total of 4950 MCF or average 13 per day.

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

04/26/2024

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
How much oil per day? _____ (total bbls)

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 filing above, bearing date the 6th day of Dec, 19 85, has acknowledged the same before me, in my county aforesaid.

04/26/2024

Given under my hand and official seal this 6th day of Dec, 19 85

My term of office expires on the 23 day of Jan, 19 88.

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

(PARTIAL SEAL)

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

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

REPORT DATE 12/6/85

JK-806

04/26/2004

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

YEAR 19 84
API 285-6887 FARM 116t COUNTY Pitkin AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____
GAS MCF _____ GAS 1003
OIL BBL _____ OIL 73
DAYS ON LINE _____
TOTALS

YEAR 19 85
API _____ FARM _____ COUNTY _____ AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE * _____
GAS MCF 4169 GAS 3917
OIL BBL 504 OIL 2
DAYS ON LINE 31 DAYS ON LINE 304
TOTALS

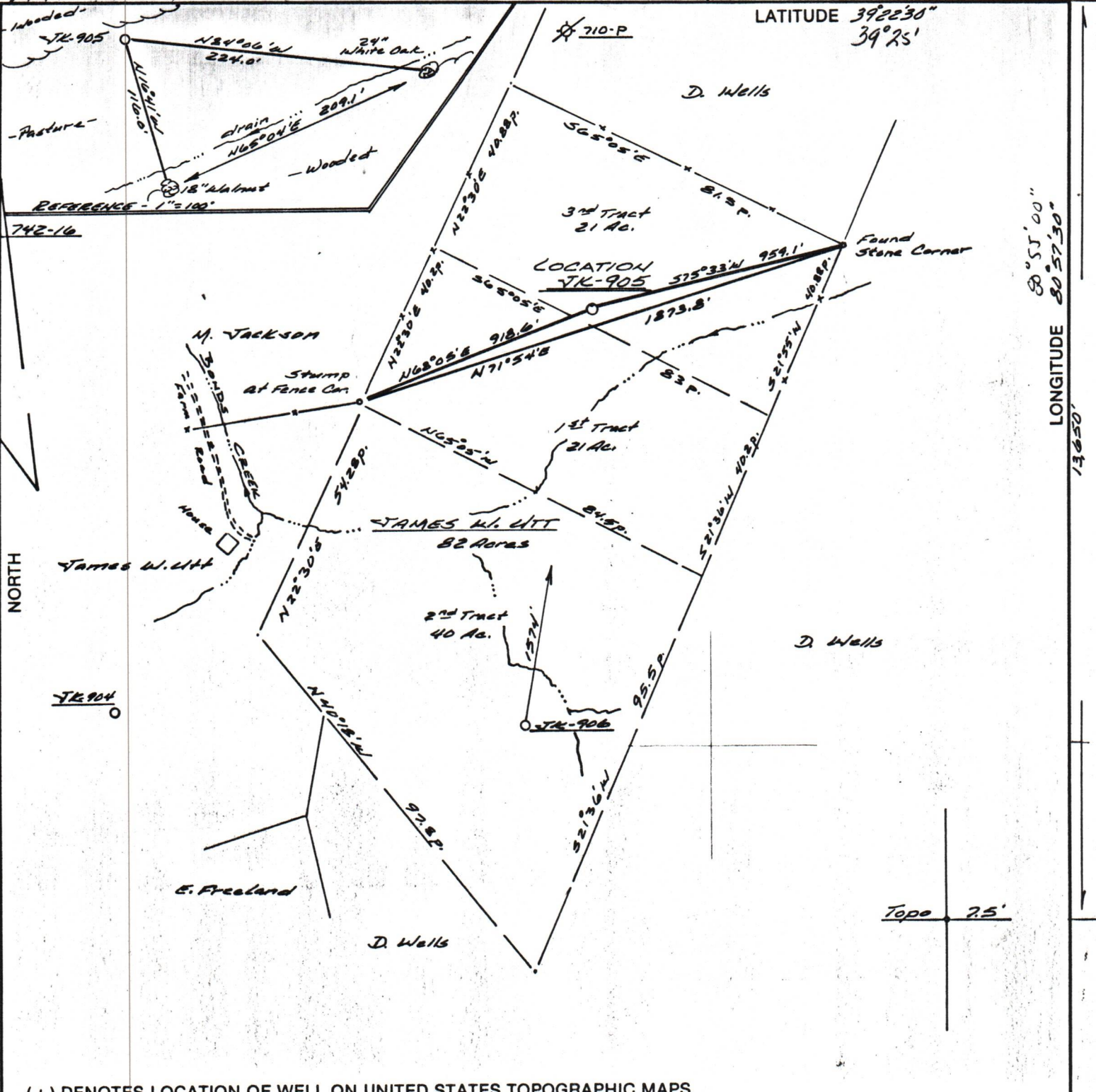
YEAR 19 _____ FARM _____ COUNTY _____ AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____
GAS MCF _____ GAS _____
OIL BBL _____ OIL _____
DAYS ON LINE _____ DAYS ON LINE _____
TOTALS

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 H.

2/4

772 3/5/84



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

FILE NO. 346.01
 DRAWING NO. 84-13
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION BM-857
S.E. 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) Clyford J. Astorades
 R.P.E. _____ L.L.S. 555
Buckhannon, WV

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE 20 February, 19 84
 OPERATOR'S WELL NO. JK-905
 API WELL NO. 47-085-6886

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

LOCATION: ELEVATION 996' WATERSHED Bonds Creek
 DISTRICT Clay COUNTY Ritchie
 QUADRANGLE Pennsboro, WV

SURFACE OWNER James W. Utt ACREAGE 21
 OIL & GAS ROYALTY OWNER James W. Utt LEASE ACREAGE 82 04/26/2024
 LEASE NO. JV-1511

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 Jet Enterprises, Inc. DESIGNATED AGENT Richard Reddecliff
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

LONGITUDE 80°55'00" 80°57'30"

COUNTY NAME RTI
 PERMIT 6886

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



1) Date: February 29, 19 84
 2) Operator's Well No. JK-905
 3) API Well No. 47 State 085 County Permit

RECEIVED
 MAR 07 1984

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

OIL & GAS DIVISION
 DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 996 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 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, 5990 feet
- 13) Approximate strata depths: Fresh, 376 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None 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	<u>113/4H-40</u>		<u>42</u>	<input checked="" type="checkbox"/>		<u>30</u>	<u>0</u>	<u>0</u> sks.	
Fresh water	<u>85/8</u>	<u>ERW</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>1300</u>	<u>1300</u>	<u>To surface</u>	
Coal	<u>85/8</u>	<u>ERW</u>	<u>23</u>	<input checked="" type="checkbox"/>		<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>	<input checked="" type="checkbox"/>		<u>5940</u>	<u>5940</u>	<u>425</u> sks.	
Tubing									
Liners									

DEPT. OF MINES
 OIL & GAS DIVISION
 RECEIVED
 MAR 7 1984

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.

James W. Utt

Date: 3-5, 19 84

By _____
 Its _____

Coal Owner
 04/26/2024