

RECEIVED

MAY 24 1985



1) Date: April 29, 19 85
 2) Operator's Well No. XXXXXX J-1193
 3) API Well No. 47 -095-1105
 State County Permit

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

APPLICATION FOR A WELL WORK PERMIT

OIL & GAS DIVISION

- 4) WELL TYPE: MINES / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1137' / Watershed: Short Run / District: Centerville / County: Tyler / Quadrangle: West Union 7.5'
- 6) WELL OPERATOR J & J Enterprises, Inc. / Address P.O. Box 48 / Buckhannon, WV 26201
- 7) DESIGNATED AGENT Richard Reddecliff / Address P.O. Box 48 / Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Robert Lowther / Address General Delivery / Middlebourne, WV 26149
- 9) DRILLING CONTRACTOR: Name S.W. Jack Drilling Co. / Address P.O. 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, Alexander
- 12) Estimated depth of completed well, 5600' feet
- 13) Approximate trata depths: Fresh, 385' 125' feet; salt, N/A feet.
- 14) Approximate coal seam depths: N/A 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		415' 30"	415' 8"	0 sacks	Kind by rule 15-01
Fresh water	8 5/8	ERW	23	X		1737'	1737'	To Surface	
Coal	8 5/8	ERW	23	X		1737'	1737'	To Surface	
Intermediate									
Production Tubing	4 1/2	J-55	10.5	X		5600	5550'	300 sacks or as required	Depths set by rule 15-01
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-095-1105 Date June 3 19 85

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 3, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
82	A/B	MH	MH	1972

Margaret J. Hahn
 Administrator, Office of Oil and Gas

OFFICE USE ONLY

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

1) LOCATION: West Union Twp., Tyler County, West Virginia

2) WELL OPERATOR: J & S Enterprises, Inc., P.O. Box 18, Buckhannon, WV 26201

3) DESIGNATED AGENT: Richard Reddick, P.O. Box 18, Buckhannon, WV 26201

4) OIL & GAS INSPECTOR TO BE NOTIFIED: Robert Lowrey, General Delivery, Middlebourne, WV 26149

5) BUILDING CONTRACTOR: S.W. Jack Drilling Co., P.O. Box 18, Buckhannon, WV 26201

6) PROPOSED WELL WORK: Drilling of 1 well

7) GEOLOGICAL STRATIGRAPHY: Alexander

8) APPROXIMATE DEPTH: 125'

9) APPROXIMATE ESTIMATED COST: \$10,000

10) IS COAL BEING MINED IN THE AREA? Yes No

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: _____

85	APR	11/11/87
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1) Date: April 29, 19 85
 2) Operator's Well No. JK-1192 J-1193
 3) API Well No. 47 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: 1137' Watershed: Short Run
 District: Centerville County: Tyler Quadrangle: West Union 7.5'
- 6) WELL OPERATOR J & J Enterprises, Inc. 7) DESIGNATED AGENT Richard Redderliff
 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 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 X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5600' feet
 13) Approximate strata depths: Fresh, 125' feet; salt, N/A feet.
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____ / No X /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	<u>11 3/4</u>	<u>H-40</u>	<u>42</u>	<u>X</u>		<u>30'</u>	<u>0'</u>	<u>0 sacks</u>	Kinds
Fresh water	<u>8 5/8</u>	<u>RRW</u>	<u>23</u>	<u>X</u>		<u>1737'</u>	<u>1737'</u>	<u>To Surface</u>	
Coal	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<u>X</u>		<u>1737'</u>	<u>1737'</u>	<u>To Surface</u>	Sizes
Intermediate									
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>X</u>		<u>5600</u>	<u>5550'</u>	<u>300 sacks</u>	Depths set
Tubing								<u>or as required by rule 15-01</u>	Perforations:
Liners									Top 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.

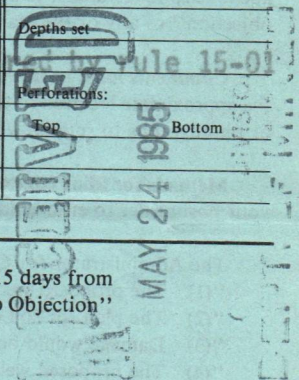
VOLUNTARY STATEMENT OF NO OBJECTION

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.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)
David W. Gosme Date: 5-15-85
 (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.



IV-35
(Rev 8-81)

Date September 9, 1985
Operator's J-1193
Well No. _____
Farm Glasure
API No. 47 - 095 - 1105

State of West Virginia
Department of Mines
Oil and Gas Division

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: 1137 Watershed Short Run
District: Centerville County Tyler Quadrangle West Union 7.5

COMPANY J&J Enterprises, Inc.

ADDRESS P.O. Box 48, Buckhannon, WV 26201

DESIGNATED AGENT Richard M. Reddecliff

ADDRESS P.O. Box 48, Buckhannon, WV 26201

SURFACE OWNER David Glasure

ADDRESS Rt. # 1, Mingo Junction, OH 43938

MINERAL RIGHTS OWNER Same as surface

ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Gen Delivery

Lowther ADDRESS Middlebourne, WV 26149

PERMIT ISSUED 8/3/85

DRILLING COMMENCED 8/7/85

DRILLING COMPLETED 8/15/85

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"	67	67	0
9 5/8			
8 5/8	1305.85	1305.85	300 sks
7			
5 1/2			
4 1/2	5443.05	5443.05	265 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5313-31 feet

Depth of completed well 5558 feet Rotary x / Cable Tools _____

Water strata depth: Fresh 60,290 feet; Salt 0 feet

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

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 5313-31 feet

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

Final open flow 1,032 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1600 psig (surface measurement) after 96 hours shut in

(If applicable due to multiple completion--)

Second producing formation Benson & Riley Pay zone depth 5016-18 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)

TYLER 1105

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

Alexander: Perforations: 5313-17 (8 Holes) 5329-31 (6 holes)
 Fracturing: 350 sks. 20/40 sand: 432 Bbls. fluid.
 Benson: Perforations: 5016-18 (8 holes)
 Fracturing: 400 sks. 20/40 sand: 500 gal. acid: 457 Bbls. fluid.
 Riley: Perforations: 4607-08 (4 holes) 4610-11 (4 holes) 4635-37 (7 holes)
 Fracturing: 170 sks. 20/40 sand:500 gal. acid: 297 Bbls. fluid.

BOTTOM HOLE PRESSURE $P_f = P_{we} \times G L S$

$$t=60 + (0.0075 \times 5443) + (459.7) = 561 \quad X = \frac{1}{53.35} \times 561 = \frac{1}{29929} = 0.000033 \quad P_f = 1600 \times 2.72$$

$$(0.000033)(0.684)(4969)(0.9) = 1600 \times 2.72^{0.1} = 1600 \times 1.1$$

Pf= 1760 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.
Red rock			0	20	
Sandy shale & red rock			20	115	Damp @ 60'
Sand, shale & red rock			115	410	
Red rock & shale			410	790	1/4" stream @ 290'
Sandy shale & red rock			790	855	
Sandy shale & red rock			855	1065	Gas ck @ 2228 No show
Sand & sandy shale			1065	1170	
Sandy shale			1170	1500	Gas ck @ 2514 No show
Sand & shale			1500	1640	
Shale & sand			1640	1815	Gas ck @ 3559 No show
Sand & shale			1815	1920	
Red rock & shale			1920	1960	Gas ck @ 4670 16/10-1" w/water
Little Lime			1960	1975	30,123 cu.ft.
Red rock & shale			1975	2010	
Big Lime			2010	2115	Gas ck @ 5052 65/10-1" w/water
Injun			2115	2175	60,715 cu.ft.
Sand & shale			2175	2515	
Shale & sandy shale			2515	3450	Gas ck @ 5399 60/10-1" w/water
Sand & sandy shale			3450	4015	58,383 cu.ft.
Shale & sandy shale			4105	4607	
Riley			4607	4637	Gas ck @ Drill Collars
Sandy shale			4637	5016	44/10-1" w/water
Benson			5016	5018	49,951 cu.ft.
Sand & shale			5018	5313	
Alexander			5313	5331	
Sandy shale			5331	5558	
				T.D.	

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By:



12/29/2023

Robert Danlin - Geologist

Date:

9/9/85

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

RECEIVED
AUG 14 1985

INSPECTOR'S WELL REPORT
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Permit No. 095-1105

Oil or Gas Well _____
(KIND)

Company <u>J & J Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buckhannon W. Va</u>	Size			
Farm <u>David Glasrud</u>	16			Kind of Packer _____
Well No. <u>J 1193</u>	13			
District <u>Centerville</u> County <u>Tyler</u>	10			Size of _____
Drilling commenced <u>Aug 8 1985</u>	8 1/4	<u>1305</u>	<u>1305</u>	
Drilling completed _____ Total depth <u>1396</u>	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.				
Fresh water <u>60</u> feet <u>790</u> feet				
Salt water _____ feet _____ feet				

CASING CEMENTED 8 5/8 SIZE 1305 No. FT 8-9-85 Date

NAME OF SERVICE COMPANY Haltiburton

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Cont S.W. Jack Rig 15

Aug 12 1985
DATE

R. A. Luthers
DISTRICT WELL INSPECTOR
12/29/2023

INSPECTOR'S PERMIT SUMMARY FORM

6-3-85

WELL TYPE Gas
ELEVATION 1137
DISTRICT Centerville
QUADRANGLE West Union
COUNTY Tyler

API# 47-095-1105
OPERATOR J&J Enterprises
TELEPHONE _____
FARM David Glasrud
WELL # J 1193

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED 8-8-85

WATER DEPTHS 60, 290, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING
Ran 1305 feet of 858 "pipe on 8-9-85 with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD 8-19-85 feet on _____

DEPARTMENT OF ENERGY
OIL AND GAS

PLUGGING

JUN 10 1986

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____
Field analysis ph _____ fe _____ cl _____
Well Record received _____

Date Released June 4, 1986

R.A. Lowther
Inspector's signature

12/29/2023

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

FERC-121

1.0 API well number: (If not available, leave blank. 11 digits.)	47-095-1105	
2.0 Type of determination being sought (Use the codes found on the front of this form.)	103 Section of NGPA	N/A Category Code
3.0 Depth of the latest completion location (Only report if sections 103 or 107 in 2.0 above.)	5331 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. P.O. Box 697 Indiana, Pa. 15701	009480 Sector Code

5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Centerville Field Name: Tyler County: WV	
(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.)	J-1193
--	--------

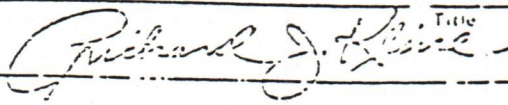
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	N/A
--	-----

6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	Purchaser not yet designated	
---	------------------------------	--

(b) Date of the contract.	_____
---------------------------	-------

(c) Estimated annual production:	_____ MMBbl
----------------------------------	-------------

	(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.)	3 0 3 1	2 7 8	---	3 3 1 0
8.0 Maximum lawful rate (Actual filing date. Complete to 3 decimal places.)	3 0 3 1	2 7 8	---	3 3 1 0

9.0 Person responsible for this application	Richard J. Kline Name	Secretary Title
Agency Use Only	 Date received by State Agency: <u>9-11-85</u> (412) 349-6800 Date received by FERC: _____ File Number: <u>12/29/2023</u>	

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

35155-41

SEP 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Sept 11, 1985 24150

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

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

Gas Purchaser Contract No. _____

Date of Contract _____
(Month, day and year)

First Purchaser: Purchaser not yet designated P 629

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

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

FERC Seller Code 009480

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
850912-1030-095-1105
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Richard Reddecliff

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

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 Geopressured 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
12/29/2023

RECEIVED
SEP 12 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

Date Sept. 11, 1985

Operator's Well No. J-1193

API Well No. 47 - 095 - 1105
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT James R. Willett
ADDRESS S.W. Jack Drilling Company
Box 48 Buckhannon, W. VA. 26201

WELL OPERATOR J & J Enterprises, Inc.
ADDRESS P. O. Box 697
Indiana, PA 15701

LOCATION: Elevation 1132
Watershed Short Run
Disc Centerville County Tyler Quad West Union

GAS PURCHASER Purchaser not yet
ADDRESS designated

Gas Purchase Contract No. _____
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling was begun: August 2, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

Rock Pressure: Well was shut in several days after treatment and pressure was measured with a spring gauge.

BOTTOM HOLE PRESSURE $Pf = Pwe^{XGLS}$
 $t=60 + (0.0075 \times 5443) + (459.7) = 561$ $X = \frac{1}{53.35} \times 561 = 10.51$
 $(0.000033) (0.684) (4969) (0.9) = 1600 \times 2.72^{0.1} = 1600 \times 1.1$
Pf=1600 x 2.72

AFFIDAVIT

Pf= 1760 psi James H. McElwain, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

James H. McElwain

STATE OF WEST VIRGINIA, PA
COUNTY OF Indiana TO WIT:

I, Vicki Vanderberg a Notary Public in and for the state and county aforesaid, do certify that J.H. McElwain, whose name is signed to the writing above, bearing date the 11 day of Sept, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 11 day of Sept, 1985
My ~~XXXXXX~~ expires on the 23 day of January, 1988.
Commission

[NOTARIAL SEAL]

Vicki Vanderberg
Notary Public 12/29/2023

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



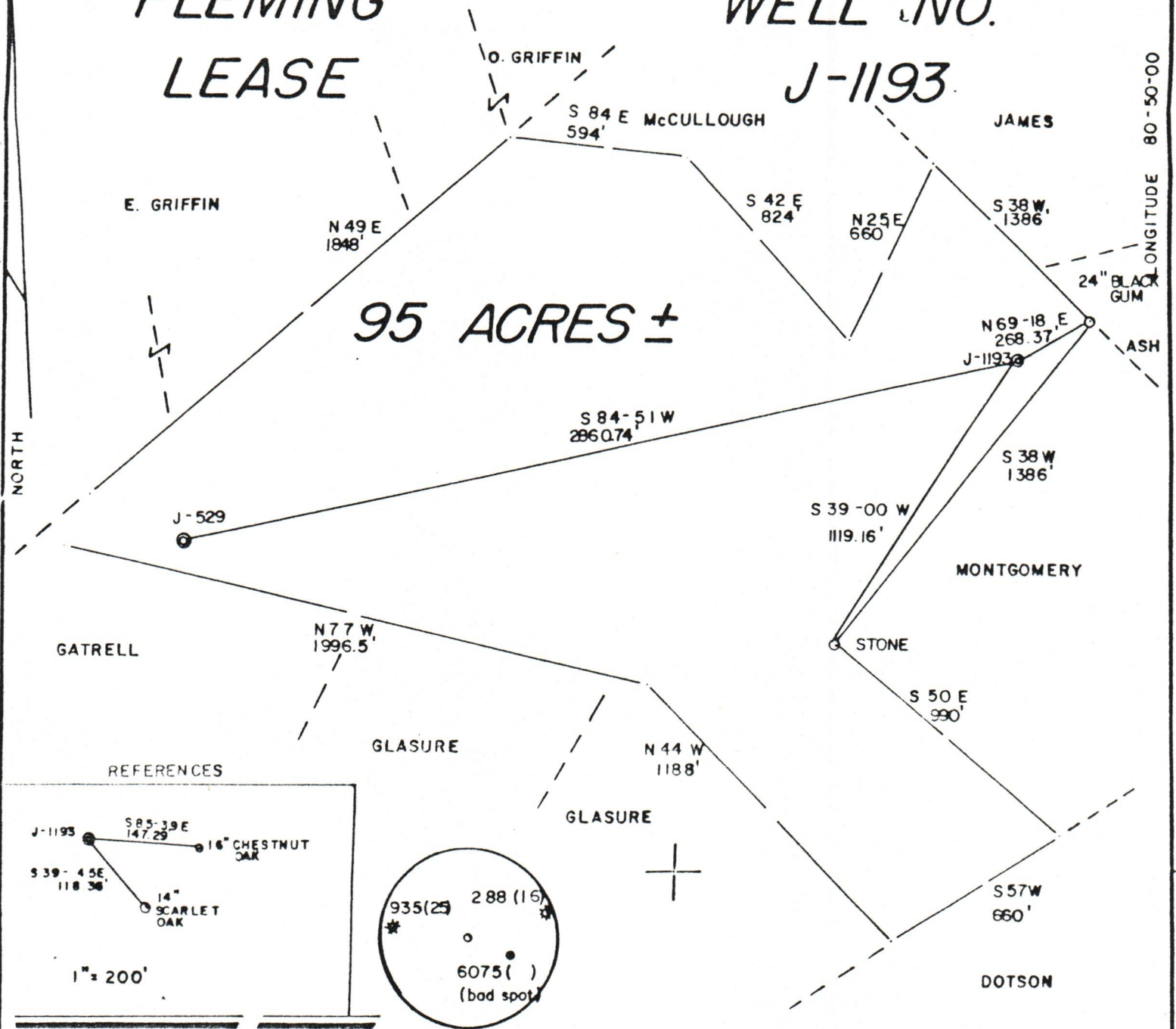
FLEMING LEASE

WELL NO.

J-1193

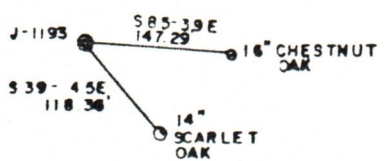
00-50-80 LONGITUDE

NORTH

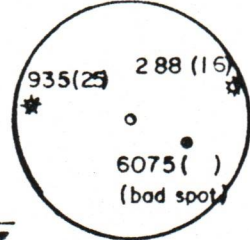


95 ACRES ±

REFERENCES



1" = 200'

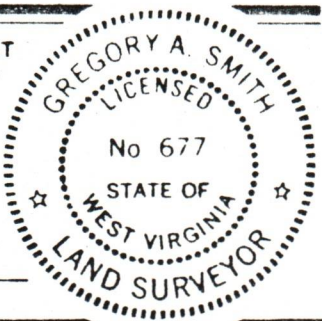


SLS SMITH LAND SURVEYING

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE APRIL 18, 1985
 OPERATORS WELL NO. J-1193
 API WELL NO. 47 - 095 - 1105
 STATE COUNTY PERMIT

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.

L.L.S. 677 Gregory A. Smith



MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 18-11 JR
 PROVEN SOURCE OF ELEVATION JCT. ROADS ELEV. 832' SCALE 1" = 500'



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1137' WATERSHED SHORT RUN
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER DAVID W. GLASURE ACREAGE 95
 OIL & GAS ROYALTY OWNER DAVID W. GLASURE et al. LEASE ACREAGE 95 **12/29/2023**
 LEASE NO. 42-A JJ-1130

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF
 OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5600'

WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF
 ADDRESS P.O. BOX 48, BUCKHANNON, WV 26301 ADDRESS P.O. BOX 48, BUCKHANNON, WV 26301

COUNTY NAME PERMIT

1) Date: April 29, 19 85
2) Operator's Well No. XXXXXXXXXX J-1193
3) API Well No. 47 95-1103
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 David Glasure
Address Rd. 1 Mingo Junction, Ohio 43938
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N/A
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name N/A
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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Richard Reddecliff
this 29 day of April, 19 85.
My commission expires 12/7, 19 92.
Gregory A. Smith
Notary Public, Gilmer County,
State of West Virginia

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

RECEIVED
MAY 24 1985

OIL & GAS DIVISION
DEPT. OF MINES

12/29/2023

INSTRUCTIONS TO APPLICANT

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(1) "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.

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
-----------------------	-----------------------	---------	-----------

Flossie Pearl Fleming	Exxon Corp.	1/8	209/290
Exxon Corp.	J & J Enterprises, Inc. W.I.		119/602

Note: W.I. = Working Interest



#2453

IV-9
(Rev 8-81)

DATE April 17, 1985

WELL NO. J-1193

State of West Virginia API NO. 47-095-1105

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
 Address P.O. BOX 48, BUCKHANNON, WV 26201 Address P.O. BOX 48, BUCKHANNON, WV 26201
 Telephone 472 - 9403 Telephone 472 - 9403
 LANDOWNER David Glasure 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: 4-26-85 (Date)

Lloyd Justice
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Spacing <u>along inside road cuts</u> Page Ref. Manual <u>2-12</u>	Structure <u>Diversion Ditch</u> (1) Material <u>Earthen</u> Page Ref. Manual <u>2-12</u>
Structure <u>Road Culvert</u> (B) Spacing <u>One 16" ^{+ minimum 12" on 18-22'} grade (100' spacings) per</u> Page Ref. Manual <u>2-7</u> <u>2-8</u>	Structure <u>Rip-Rap</u> (2) Material <u>Logs &/or Brush</u> Page Ref. Manual <u>N/A</u>
Structure <u>Cross Relief Drains</u> (C) Spacing <u>as per table 1 in manual (2-4)</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 3 Tons/acre
 or correct to pH 6.5
 Fertilizer 600 lbs/acre
 (10-20-20 or equivalent)
 Mulch Hay 2 Tons/acre
 Seed* KY-31 30 lbs/acre
Annual Rye 10 lbs/acre
Red Clover 5 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 Hay 3 Tons/acre
 Seed* Orchard Grass 30 lbs/acre
Ladino Clover 5 lbs/acre
Red Clover 5 lbs/acre

*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. 12/29/2023

ADDRESS 111 South Street
Glenville, WV 26351
 PHONE NO. 462 - 5634

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

RECEIVED
MAY 24 1985

OIL & GAS DIVISION
DEPT. OF MINES

