

7/85

RECEIVED
AUG 23 1985



1) Date: August 19, 1985
2) Operator's Well No. JK-1185
3) API Well No. 47-017-3467
State County Permit

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1134' / Watershed: Yeager Run
District: Central / County: Doddridge / Quadrangle: Pennsboro 7.5' 5-38
- 6) WELL OPERATOR J & J Enterprises CODE: 24150 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 Name Mike Underwood
Address Rt. 2 Box 114
Salem, WV 26426
- 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, Rhine Street
- 12) Estimated depth of completed well, 5995' feet
- 13) Approximate trata depths: Fresh, 115' 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		30'	0'	0 Sacks	Kinds
Fresh water	8 5/8	ERW	23	X		1734'	1734'	To Surface	
Coal	8 5/8	ERW	23	X		1734'	1734'	To Surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5995'	5995'	300 Sacks	Depths set
Tubing								or as required by rule 15-01	
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3467

September 11 1985
Date

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 September 11, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <u>ACB</u>	Plat: <u>Int. 1061</u>	Casing	Fee <u>2061</u>	WRCP	S&E	Other
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
Director, Division of Oil and Gas

11/10/2023 File



OFFICE USE ONLY

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

1) WELL TYPE: A Oil _____ B Oil Gas Production _____

2) LOCATION: Township _____ Range _____ Section _____

3) WELL OPERATOR: Name _____ Address _____

4) OIL & GAS INSPECTOR TO BE NOTIFIED: Name _____ Address _____

5) PROPOSED WELL WORK: Drill _____ Re-drill _____ Plug off old formation _____

6) GEOLOGICAL TARGET FORMATION: _____

7) ESTIMATED DEPTH OF COMPLETED WELL: _____ feet

8) APPROXIMATE WATER DEPTH: _____ feet

9) APPROXIMATE COAL SEAM DEPTHS: _____ feet

10) CASING AND TUBING PROGRAM: _____

OFFICE USE ONLY

This part of Form WW-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: _____

1) Date: August 19, 19 85
Operator's
2) Well No. JK-1185
3) API Well No. 47 - 017 - 3467
State County Permit


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

- 4) SURFACE OWNER(S) OF RECORD TO BE SERVED
- (i) Name Robert E. Rasey
Address 560 Channing Ave.
Polo Alto, California 94301
- (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 _____

P 682 431 567

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to <u>Robert E. Rasey</u>	
Street and No. <u>560 Channing Ave.</u>	
P.O., State and ZIP Code <u>Polo Alto, Cal. 94301</u>	
Postage	\$ <u>90</u>
Certified Fee	<u>75</u>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	<u>70</u>
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ <u>2.35</u>
Postmark or Date	

- TO THE PERSON(S) NAMED IN THE NOTICE OF APPLICATION:
- (1) The Application involved and, if a plat is involved, the plat.
- (2) The plat.
- (3) The Construction and Reclamation Plan to plug and reclaim the well.

THE REASON YOU WHICH ARE SUMMARIZED IN THE NOTICE OF APPLICATION DESIGNATED:

Take notice that the operator proposes to drill for a Well Work Permit at the location above. Copies of this Notice have been mailed by the operator to the Director of the Department of Energy, Division of Oil & Gas, and to the person(s) named above.

- 6) EXTRACTION RIGHTS: Check and provide the following information:
- Included in the lease 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?
- The requirement of the lease 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?
- 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 WW-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 on this 19 day of August, 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 M. Reddecliff
Its Designated Agent
Address P.O. Box 48
Buckhannon, WV 26201
Telephone 472-9403

the following documents:

1. Sets out the parties involved and its location.
2. Form WW-6, and the well work is only for permit control and for

REGARDING THE APPLICATION COPY OF THE APPLICATION ACTION AT ALL.

The undersigned well operator, accompanied by the following documents, with respect to the attached Form WW-6, Construction and Reclamation Plan and to the person(s) named above, hereby certifies that the copy of mailing or delivery

or contracts by which I am bound (see reverse side for specifics.)

DEPARTMENT OF ENERGY

RECEIVED
AUG 23 1985

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 Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(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

11/10/2023



DATE April 26, 1985

WELL NO. JK-1185

API NO. 47-017-3467

State of West Virginia

Department of Energy

Oil and Gas Division

RECEIVED
AUG 23 1985

CONSTRUCTION AND RECLAMATION PLAN

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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 Robert Rasey et.ux

SOIL CONS. DISTRICT West Fork

Revegetation to be carried out by _____

J & J ENTERPRISES, INC. (Agent)

This plan has been reviewed by _____
and additions become a part of this plan:

West Fork SCD. All corrections
5/15/85
(Date)
Kenneth E Knight
(SCD Agent)

ON SITE REVIEW
5/10/85

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)

Structure Diversion Ditch (1)

Spacing along inside road cuts

Material Earthen

Page Ref. Manual 2-12

Page Ref. Manual 2-12

Structure Road Culvert (B)

Structure Rip-Rap (2)

(accord. to O&G Manual) at natural drains
Spacing One 16" riprapped outlet

Material Logs &/or Brush &/or Stone

Page Ref. Manual 2-7

Page Ref. Manual N/A

Structure Cross Relief Drains (C)

Structure _____ (3)

Spacing as per table 1 in manual (2-4)
with riprapped outlet

Material _____

Page Ref. Manual 2-1

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

Treatment Area II

*Lime 3 Tons/acre
or correct to pH 6.5

*Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Mulch Hay 3 Tons/acre

Seed* Orchardgrass 10 lbs/acre

Seed* Orchardgrass 10 lbs/acre

Red clover 12 lbs/acre

Red clover 12 lbs/acre

Alsike clover 4 lbs/acre

Alsike clover 4 lbs/acre

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

*Lime according to pH test.

PLAN PREPARED BY Smith Land Surveying Co. 11/10/2023

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

ADDRESS 111 South Street

Glenville, WV 26351

PHONE NO. 462 - 5634

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

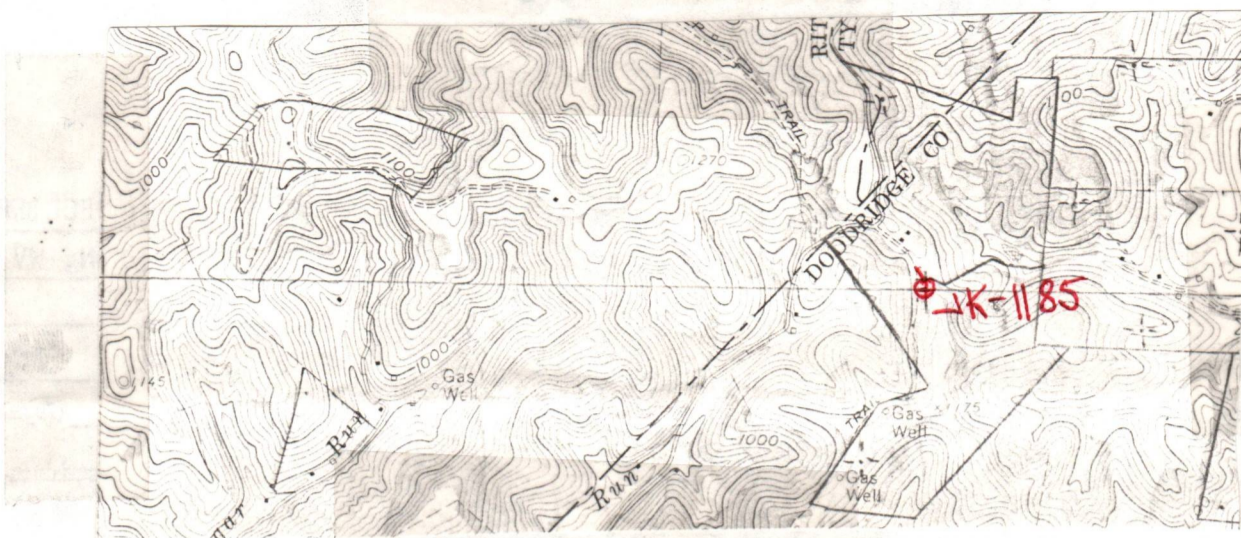
LEGEND

WELL SITE



ACCESS ROAD

VI
128-3

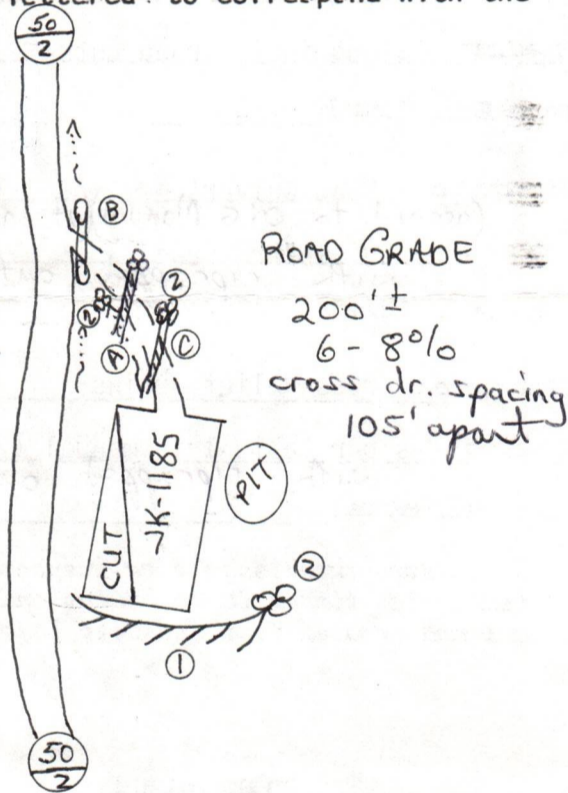


WELL SITE PLAN

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

Notes: Natural vegetation (filter strip) will remain undisturbed in areas between construction & natural water courses. Place staked hay bales in ditch line for sediment control.

NORTH



Drilling pit may vary in location other than that shown on this plan and/or other pits may be added due to soil type, newly discovered water systems, and the encounter of rock when building location.

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.

LEGEND

11/10/2023

DRAIN PIPE

ROAD

DIVERSION

WATERWAY

STREAM

OPEN DITCH

PROPERTY BOUNDARY

EXISTING FENCE

PLANNED FENCE

BUILDING

WET SPOT

SPRING

SLS
SMITH LAND SURVEYING CO.
111 SOUTH ST.
GLEHVILLE, WV. 26351

WAIVER

RECEIVED
SEP. 6 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

I, Robert E. Rasey et ux landowner, have no objections to the disposal of the Pit Waste Water on my property for Well # JK 1185

SIGNED Robert E Rasey

SIGNED Geraldine M. Rasey

DATE 9/3/85

INFORMATION SUPPLIED UNDER CODE § 22B-1-8)d)

<u>GRANTOR, Lessor, etc.</u>	<u>GRANTEE, Lessee, etc.</u>	<u>ROYALTY</u>	<u>BOOK PAGE</u>
Robert Rasey		1/2	
Clyde Doak, Jr.		1/6	
Carl Doak		1/9	
Marshall Doak		1/9	
Opal Hodge	C.E. Young & L.C.Young	1/9	69/347
C.E. Young & L.C. Young	to W. Leslie Rogers		90/135
W. Leslie Rogers	to J & J Enterprises, Inc.		139/570

W-2(B) SURFACE OWNER'S COPY
 SEP 6 1985



1) Date: August 19, 1985
 2) Operator's Well No. JK-1185
 3) API Well No. 47
 State _____ County _____ Permit _____

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
 STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, 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: 1134' Watershed: Yeager Run
 District: Central County: Doddridge Quadrangle: Pennsboro 7.5'
- 6) WELL OPERATOR J & J Enterprises CODE: 24150 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 Mike Underwood Name S.W. Jack Drilling Co.
 Address Rt. 2 Box 114 Address P.O. Box 48
Salem, WV 26426 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, Rhine Street
- 12) Estimated depth of completed well, 5995' feet
 13) Approximate trata depths: Fresh, 115' 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	11 3/4	H-40	42	X		30'	0'	0 Sacks	Kinds
Fresh water	5 5/8	ERW	23	X		1734'	1734'	To Surface	
Coal	5 5/8	ERW	23	X		1734'	1734'	To Surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5995'	5995'	300 Sacks	Depths set
Tubing								or as required by rule 15-01	
Liners									Perforations: 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, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.) (For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

X Richard S. Ruse
 (Signature) Date 9/3/85
Geraldine M. Ruse
 (Signature) Date 9-3-85

11/10/2023

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 22B, Article 1 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 Director of the Division of Oil and Gas in the West Virginia Department of Energy immediately.

NOTE : YOU ARE NOT REQUIRED TO FILE ANY COMMENT AT ALL.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

Director, Division of Oil and Gas
West Virginia Department of Energy
1615 Washington Street, East
Charleston, West Virginia 25311-2192
(304) - 348 - 3500

Who may file comments? If you wish to file comments, you must be an owner of record of (1) and 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 over 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 Director'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 Director's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Director 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 Director.

List of Water Testing Laboratories. The Director 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 Director's office or an Oil and Gas Inspector to obtain a copy of the list.

11/10/2023

RECEIVED
AUG 23 1985

SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS OF ENERGY
DRILLING PIT WASTE DISCHARGE

- 1. Company Name J & J ENTERPRISES, INC.
- 2. Mailing Address P. O. BOX 48, BUCKHANNON, WV 26201
street city state zip
- 3. Telephone 472-9403 4. Well Name Doak Lease JK-1185
- 5. Latitude 39-17-30 Longitude 80-52-30
- 6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-017-3467
- 8. County Doddridge 9. Nearest Town Greenwood
- 10. Nearest Stream Yeager Run 11. Tributary of Dotson Run
- 12. Will Discharge be Contracted Out? yes X no _____
- 13. If Yes, Proposed Contractor PKC
Address 44 Baltimore Street, Westover, WV 26505
Telephone 304-291-5960

- 14. Proposed Disposal Method: UIC _____ Land application x
Off Site Disposal _____ Reuse _____ Centralized Treatment _____
Thermal Evaporation _____ Other _____

15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

11/10/2023



State of West Virginia
Department of Mines
Oil and Gas Division

Date October 22, 1985
Operator's Well No. JKS-1185
Farm Rasey
API No. 47 - 017 - 3467

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: 1134 Watershed Yeager Run
District: Central County Doddridge 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 Robert Rasey
ADDRESS 1033 Yorktown Drive Sunnyvale, CA 94087
MINERAL RIGHTS OWNER Same as surface
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood ADDRESS Rt. # 2, Box 114 Salem, WV 26426
PERMIT ISSUED 9/11/85
DRILLING COMMENCED 9/30/85
DRILLING COMPLETED 10/6/85
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"	211	211	100 sks.
9 5/8			
8 5/8	1707.85	1707.85	125 sks.
7			
5 1/2			
4 1/2	5944.30	5944.30	390 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Rhine St. Depth _____ feet
Depth of completed well 5992 feet Rotary / Cable Tools _____
Water strata depth: Fresh 1617 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 5912-22 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Combined Final open flow 622 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1425 psig (surface measurement) after 96 hours shut in
(If applicable due to multiple completion--)
Second producing formation Alexander, Benson & Riley Pay zone depth 4584-4610 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)

DODD 3467

11/10/2023

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

Riley: Perforations: 4584-4610 (14 holes)
 Fracturing: 350 sks. 20/40 sand: 500 gal. acid: 468 Bbls. fluid.
 Benson: Perforations: 4978-80 (8 holes)
 Fracturing: 350 sks. 20/40 sand: 500 gal. acid: 435 Bbls. fluid.
 Alexander: Perforations: 5266-78 (16 holes)
 Fracturing: 400 sks. 20/40 sand: 500 gal. acid: 470 Bbls. fluid.
 Devonian Shale: Perforations: 5912-22 (16 holes)
 Fracturing: 300 sks. 20/40 sand: 500 gal. acid: 440 Bbls. fluid.

BOTTOM HOLE PRESSURE Pf=PweXGLS

$$t=60 + (0.0075 \times 5944) + 459.7 = 564 \quad X = \frac{1}{53.35} \times 564 = \frac{1}{30104} = 0.000033 \quad Pf=1425 \times 2.72^{(0.000033)} (0.661$$

$$(52.53) (0.9) = 1425 \times 2.72^{0.1} = 1425 \times 1.1 \quad \text{WELL LOG}$$

Pf= 1568 psi

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Top soil & clay			0	10	
Red rock, shale & sand			10	65	Gas ck @ 2145 No show
Sand, shale & red rock			65	185	
Red rock, sand & shale			185	285	Gas ck @ 2487 NO show
Sand, shale & red rock			285	620	
Red rock, shale & sand			620	850	Gas ck @ 3508 6/10-1/2" w/water 15,200 cu.ft.
Red rock & shale			850	1060	
Dark shale			1060	1080	
Sand & shale			1080	1430	Gas ck @ 4627 No show
Sand & shale			1430	1730	
Shale & sand			1730	1990	Gas ck @ 5001 No show
Big Lime			1990	2040	
Big Injun			2040	2130	Gas ck @ 5309 NO show
Sand & shale			2130	3480	
Sand & shale			3480	4000	Gas ck @ T.D. 6/10-1/2" w/water 15,200 cu.ft.
Sand & shale			4000	4584	
Riley			4584	4610	
Sand & shale			4610	4978	
Benson			4978	4980	
Sand & shale			4980	5266	
Alexander			5266	5278	
Sand & shale			5278	5912	
Devonian Shale			5912	5922	
Sand & shale			5922	5992	
				T.D.	

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By:

Date: 10/22/85



11/10/2023

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
 encountered in the drilling of a well."

INSPECTOR'S PERMIT SUMMARY FORM

9-11-85

WELL TYPE Shallow - GAS
ELEVATION 1134'
DISTRICT Central
QUADRANGLE Pennsboro
COUNTY Dodd

API# 47-017 - 3467
OPERATOR JES
TELEPHONE _____
FARM ROBERT E. RASEY
WELL # JIC 1185

RECEIVED
DEPARTMENT OF L.
OIL AND GAS

JUN 3 1986

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION 9-16-85 NOTIFIED YFS. DRILLING COMMENCED 9-30-85

WATER DEPTHS Dusted, _____, _____, _____
COAL DEPTHS Pit shows some coal, some whorl ??

CASING

Ran 226' feet of 1 1/4" "pipe on 10-1-85 with 100-S. fill up H.B.
Ran 1722' feet of 8 5/8" "pipe on 10-3-85 with 125-S. fill up H.B.
Ran 5944' feet of 4 1/2" "pipe on 10-7-85 with 390-S. fill up H.B.
Ran _____ feet of _____ "pipe on _____ with _____ fill up _____

TD 5992 feet on 10-7-85.

PLUGGING

Type	From	To	Pipe Removed

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

Date Released 5-29-86.

Alfred Underwood 11/10/2023
Inspector's signature

API# 47 017 - 3454 -

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	9-16-85			check location O.K.
2	9-30-85			By check mover on location:
3	10-4-85			By check. 2764' and dusting.
4	10-7-85			of P. Report -
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

O.K TO Ral

RECEIVED
OCT 25 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1.0 API well number: (If not available, leave blank. 11 digits.)	47-017-3467			
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 deepest completion interval (Only show the last section 100 or 107 in 2.0 survey.)	5922 feet			
4.0 Name, address and code number of applicant (25 letters per line maximum. If code number not available, leave blank.)	J & J Enterprises, Inc. P.O. Box 697 Indiana Pa. 15701			009480 Serial Code
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (25 letters maximum for field name.)	Central Doddridge		WV State	
(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 (25 letters and digits maximum.)	JKS-1185			
(d) If code 4 or 5 in 2.0 above, name of the reservoir (25 letters maximum.)	N/A			
6.0 (a) Name and code number of the purchaser (25 letters and digits maximum. If code number not available, leave blank.)	Purchaser not yet designated			
(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 taking date. Complete (a) through (c).)	3 5 6 5	2 7 8	---	3 8 4 3
8.0 Maximum levelized rate (Actual taking date. Complete (a) through (c).)	3 5 6 5	2 7 8	---	3 8 4 3
9.0 Person responsible for this application	Richard J. Kline Secretary			
Approved by (Name) Date (Month/Day/Year) DCT 25 1985	Name: <u>Richard J. Kline</u> Signature: <u>[Signature]</u> Title: <u>Secretary</u> Date: <u>10-24-85</u> Phone Number: <u>(412) 349-6000</u>			

11/10/2023

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

35777-54

NOV 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Oct 24, 1985 24150

AGENCY USE ONLY

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

WELL DETERMINATION FILE NUMBER

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

851025 - 1030 - 017 - 3467

Gas Purchaser Contract No. _____

Use Above File Number on all
Communications Relating to This Well

Date of Contract _____
(Month, day and year)

First Purchaser: Purchaser not yet designated

Designated Agent: Richard Reddick

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

(City) (State) (Zip Code)

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

FERC Seller Code 009480

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

- 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
- X 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

RECEIVED
OCT 25 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

QUALIFIED 11/10/2023

Date Received

Determination Date

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

Date October 11, 1985
Operator's Well No. JKS-1155
API Well No. 47 - 017 - 3460
State - County - Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
MGA Section 103

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

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

LOCATION: Elevation 1134
Watershed Yeager Run
Dist. Central County Doddridge Quad Pennsboro

GAS PURCHASER Purchaser not yet designated
ADDRESS _____

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

* * * * *

Date surface drilling was begun: September 30, 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=PweXGLS

$t=60 + (0.0075 \times 5944) + 459.7 = 564$ $X = \frac{1}{53.35} \times 564 = 10.57$ $= 0.000033$ $Pf = 1425 \times 2.72 = 3876$ $(0.000033) (0.66) = 0.00002178$
 $(52.53) (0.9) = 47.277$ $= 1425 \times 2.72^{0.1} = 1425 \times 1.1 = 1567.5$

I, 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.

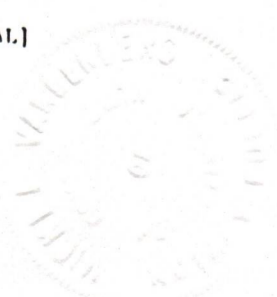
James H. McElwain

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 24 day of Oct, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 24 day of Oct, 1985.
My ~~COMMISSION~~ expires on the 23 day of January, 1988.
Commission

[NOTARIAL SEAL]



Vicki L. Vanderberg 11/10/2023
Notary Public

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

1.0 API well number (If not available, leave blank. 11 digits.)	47-017-3467			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	107 <small>Section of NGPA</small>	n/a <small>Category Code</small>		
3.0 Depth of the deepest completion location (Only use digits 103 or 107 in 2.0 column.)	5922 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. <hr/> P.O. Box 697 <hr/> Indiana, Pa. 15701 <hr/> City State Zip Code			009480 <hr/> Section Code
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Central <hr/> Field Name Doddridge WW <hr/> County State			
(b) For OCS wells:	N/A <hr/> Area Name Block Number <hr/> Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well (35 letters and digits maximum.)	JKS-1185			
(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.	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 (As of filing date. Complete in 3 decimal places.)	3 582	2 78	---	3 860
8.0 Maximum lease rate (As of filing date. Complete in 3 decimal places.)	3 582	2 78	---	3 860
9.0 Person responsible for this application	J. H. McElwain <hr/> Name <i>James H. McElwain</i> <hr/> Title Exec.V. President <hr/> Date of application is completed 11-22-85 (612) 349-6800 <hr/> Date of completion 11/10/2023			

NOV 25 1985

11/10/2023

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

DEC 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

851125 - 1073-017 - 3467

Use Above File Number on all
Communications Relating to This Well

Date: Nov 22, 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 to be Determined

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

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

FERC Seller Code 009480

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 _____
(City) _____ (State) _____ (Zip Code) _____
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

IGPA SECTION/SUBSECTION

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

- 03 New Onshore Production Well
- 103 New Onshore Production Well

- 07 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

11/10/2023

RECEIVED
NOV 25 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

te Received

Determination Date

DEVONIAN SHALE GAMMA RAY LOG ANALYSIS
APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: J & J Enterprises, Inc. Agent: Richard Reddecliff

Type Determination being sought - 107 (Devonian Shale)

API Well No.: 47-017-3467 Well Name: Williamson (JKS-1185)

West Virginia Office of Oil and Gas County: Doddridge

References: SJA File No.

Vol. Page Line

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 160 * API Units
2. Remarks:

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 112 * API Units
2. Calculation: $\frac{0.7 \text{ (GR Value at Base Line)}}{0.7 \text{ (} \underline{160} \text{ *)} = \underline{112} \text{ API Units}$

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2504'	5986'	3482'	26'

Total Devonian Interval 3482'

Total Less Than 0.7 (Shale Base) 26'

% Less Than 0.7 (Shale Base Line) = $\frac{0.0075}{0.0075} \times 100 = \underline{0.75} \%$ 11/10/2023

*Marked on log included with analysis.
 **Top of Devonian Section Recorded on First Interval in this Column.
 ***Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT Richard Reddecliff

ADDRESS P.O. Box 48
Buckhannon, West Virginia, 26201

LOCATION Elevation 1134
Watershed Yeager Run
Dist. Central County Doddridge Quad. Pennsboro

WELL OPERATOR J & J Enterprises, Inc.

ADDRESS P.O. Box 697
Indiana, PA 15701

Gas Purchase
Contract No. _____

GAS PURCHASER Not Yet Designated

Meter Chart Code _____

ADDRESS _____

Date of Contract _____

* * * * *

Date surface drilling began: September 30, 1985

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

in
pf

BOTTOM HOLE PRESSURE Pf=PweXGLS

$$=60 + (0.0075 \times 5944) + 459.7 = 564 \quad X = \frac{1}{53.35} \times 564 = \frac{1}{30104} = 0.000033 \quad Pf = 1425 \times 2.72^{(0.000033)} (0.66$$

$$52.53) (0.9) = 1425 \times 2.72^{0.1} = 1425 \times 1.1$$

AFFIDAVIT

I, James H. McElwain, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(1) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

James H. McElwain

STATE OF WEST VIRGINIA

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 22 day of Nov, 1985, has acknowledged the same before me, in my county aforesaid.

11/10/2023

Given under my hand and official seal this 22 day of Nov, 1985.
My term of office expires on the 23 day of January, 1984-88.

(NOTARIAL SEAL)

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

Under Pennsylvania's Section of Notaries
MY COMMISSION EXPIRES JAN. 23, 1988
INDIANA AERODROME BRADY COUNTY
ROBERT VANDERKAM, Notary Public



11/10/2023

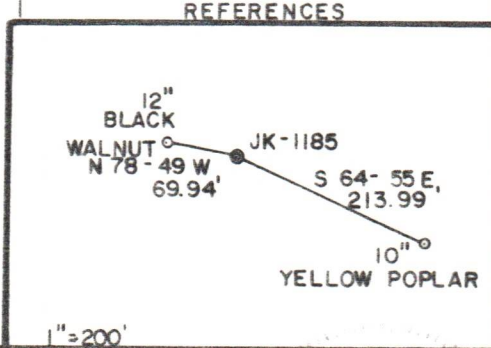
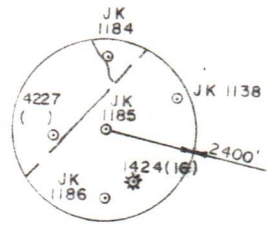
DOAK
LEASE

WELL NO.
JK-1185

176

ACRES ±

NORTH



SMITH LAND SURVEYING

FILE NO. 18-4
 DRAWING NO. M.P
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. = 1175'

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

PLACE SEAL HERE

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



DATE FEBRUARY 28, 19 85
 OPERATOR'S WELL NO. JK-1185
 API WELL NO. 47-017-3467
 STATE WEST VIRGINIA COUNTY DODDRIDGE PERMIT 176

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1134' WATER SHED YEAGER RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE PENNSBORO 7.5'
 SURFACE OWNER ROBERT RASEY, et. ux. ACREAGE 75.13
 OIL & GAS ROYALTY OWNER ROBERT RASEY, et. al. LEASE ACREAGE 176
 LEASE NO. JK-355
 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 RHINE STREET ESTIMATED DEPTH 5995'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

11/10/2023