



1) Date: March 7, 1983
 2) Operator's Well No. Mon. Power 5
 3) API Well No. 47 073 1604
 State West Virginia County Putnam Permit 1604

DRILLING CONTRACTOR:

Gene Stalnaker, Inc.
P.O. Box 178

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

OIL AND GAS WELL PERMIT APPLICATION

Glennville, WV 26351

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 912 Watershed: McElroy Run
 District: Grant County: Pleasants Quadrangle:
- 6) WELL OPERATOR Jenkins Energy Corp. 11) DESIGNATED AGENT Carlton Davis
 Address P.O. Box 980 Address P.O. Box 980
Bridgeport, WV 26330 Bridgeport, WV 26330
- 7) OIL & GAS ROYALTY OWNER Monongahela Power Co. 12) COAL OPERATOR None
 Address Fairmont, WV 26554 Address
 Acreage 1158.22
- 8) SURFACE OWNER Monongahela Power Co. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Fairmont, WV 26554 Name None
 Acreage 434.08 Address
 Name None
 Address
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip L. Tracy
 Address P.O. Box 173
Middlebourne, WV
- 15) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Marcellus
- 17) Estimated depth of completed well, 5100' feet
 18) Approximate water strata depths: Fresh, 40' feet; salt, 100' feet.
 19) Approximate coal seam depths: None Is coal being mined in the area? Yes / No X /

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MAR 8 - 1983

OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

20) 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				X	75'	All	CTS	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J-55		X		1012'		CTS	NEAT
Production	4 1/2	J-55		X		4975'		500 SK by	Depths set OR AS REQ. Rule 15-01
Tubing									Perforations:
Liners									Top Bottom

- 21) 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.) See Attachment

- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.

- 23) Required Copies (See reverse side.)
 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Patricia L. Moore
 My Commission Expires January 13, 1993

Signed: Carlton Davis
 Its: Designated Agent

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-073-1604 Date March 8, 1983

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. 10) 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.)
 November 8, 1983

Permit expires unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>10</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>1011</u>
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 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above 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 receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By _____

Its _____

Item 21

The lands to which this application applies are a part of a 1270.047 acre oil and gas lease, located in Pleasants Co. WV. The lands are a part of the Pleasants Power Station operated by Monongahela Power Company. The property is located in Grant District and lies southeast of State Route 2 on the waters of McElroy Run.

The lands to be developed are a part of that certain oil and gas lease by and between MONONGAHELA POWER COMPANY, an Ohio corporation, THE POTOMAC EDISON COMPANY, a Maryland and Virginia corporation, and WEST PENN POWER COMPANY, a Pennsylvania corporation, as lessors and GENE STALNAKER, INC. as lessee, recorded in Book 176, Page 88 in the County Clerks Office, Pleasants Co. WV. Said lease being further assigned to COLBURN ENERGY CORPORATION, a Delaware corporation which assignment of oil and gas lease is recorded in Book 178, Pages 526 to 552 in the County Clerks Office of Pleasants Co., WV.

JENKINS ENERGY CORPORATION rights to the leasehold estate are derived from a Drilling and Operating Agreement dated December 21, 1982. This agreement designates Jenkins Energy Corporation as operator of the property for and in behalf of Colburn Energy Corporation. This contract is not of record. Lessors retain 15.25% of the market value of all oil and gas produced as a royalty.

ITEM #21 EXTRACTION RIGHTS

CODE 22-4-11 (C)

Attachment to Form IV-2. (6/82)

Oil and Gas Well Permit Application

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MAR 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



DATE JULY 13, 1982

WELL NO. MON-POWER NO. 5

State of West Virginia

API NO. 47 - 073 - 1604

Department of Mines
Oil and Gas Division

#976

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Jenkins Energy Corp.

DESIGNATED AGENT Carlton Davis

Address P.O. BOX 980, BRIDGEPORT, W.V. 26330

Address P.O. BOX 980, BRIDGEPORT, W.V.

Telephone 622-3837

Telephone 622-3837

LANDOWNER MONONGAHELA POWER CO.

SOIL CONS. DISTRICT UPPER OHIO

Revegetation to be carried out by DAVID JENKINS

(Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections

and additions become a part of this plan:

8/4/82

(Date)

Kenneth R. Mason

(SCD Agent)

ACCESS ROAD
Structure DRAINAGE DITCH
Spacing N/A
Page Ref. Manual 2-12

(A)

LOCATION
Structure DIVERSION DITCH (1)
Material EARTHEN
Page Ref. Manual 2-12

Structure CROSS DRAIN
Spacing AS REQUIRED PER SECTION
Page Ref. Manual 2-1

(B)

Structure SEDIMENT BARRIER (2)
Material LOGS & BRUSH
Page Ref. Manual 2-16

Structure ROAD CULVERT
Spacing one 16"
Page Ref. Manual 2-7

(C)

Structure _____
Material _____
Page Ref. Manual _____

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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 & II
Lime _____ 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 35 lbs/acre
LADINO CLOVER 5 lbs/acre
_____ lbs/acre

XXXXXXXXXXXXXXXXXXXX
Treatment Area III
Lime _____ Tons/acre
or correct to pH _____
Fertilizer _____ lbs/acre
(10-20-20 or equivalent)
Mulch _____ Tons/acre
Seed* _____ lbs/acre
_____ lbs/acre
_____ 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

ADDRESS 111 SOUTH STREET

GLENVILLE W.V. 26351

PHONE NO. 462-5634

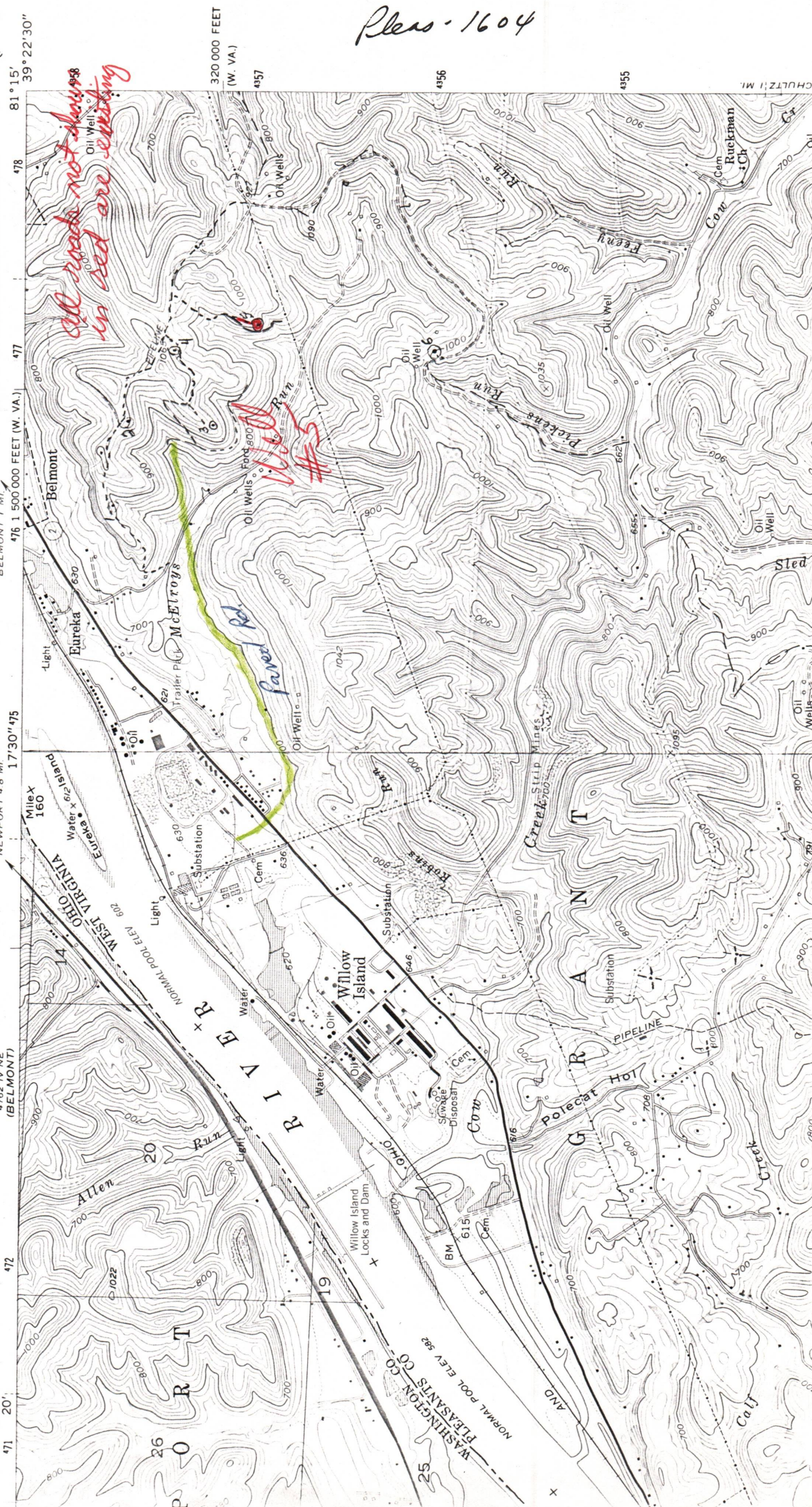
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

STATE OF WEST VIRGINIA
REPRESENTED BY THE
STATE OF WEST VIRGINIA GEOLOGICAL SURVEY
AND OTHER STATE AGENCIES

WILLOW ISLAND QUADRANGLE
WEST VIRGINIA—OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MARIETTA 15' QUADRANGLE

RAVEN ROCK
4752 NW

Plans - 1604



*Oil roads not shown
in red are existing*

320 000 FEET
(W. VA.)
4357

4356

4355

SCHULTZ, MI.

ST. MARYS 4 MI.
BELMONT 1 MI.

476 1 500 000 FEET (W. VA.)

81° 15' 39" 22' 30"

NEW MATAMORAS 17 MI.
NEWPORT 4.8 MI.

17° 30" 475

472

471

26

25

Mile X 9 Island
Eureka x 9 Island

Mile X 160
Eureka x 160

Normal Pool Elev 602

Normal Pool Elev 582

Normal Pool Elev 562

Normal Pool Elev 542

Light

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MAR 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



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DEC 13 1983

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Date March 28, 1983
Operator's
Well No. Monongahela Power #5
Farm Monongahela Power
API No. 47 - 073 - 1604

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OIL & GAS DIVISION

DEPT. OF MINES

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

LOCATION: Elevation: 912 Watershed McElroy Run of Ohio River
District: Grant County Pleasants Quadrangle Willow Island 7.5

COMPANY Jenkins Energy Corp.
ADDRESS P.O. Box 980, Bridgeport, W.va.
DESIGNATED AGENT Carlton Davis
ADDRESS P.O. Box 980, Bridgeport, W.va.
SURFACE OWNER Monongahela Power Co.
ADDRESS St. Marys, W.va.
MINERAL RIGHTS OWNER Monongahela Power Co.
ADDRESS St. Marys, W.va.
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS Middlebourne, W.va.
PERMIT ISSUED March 11, 1983
DRILLING COMMENCED March 13, 1983
DRILLING COMPLETED March 17, 1983
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"	75	75	to surface
9 5/8			
8 5/8	1129	1129	to surface
7			
5 1/2			
4 1/2			
3			
2	2030	2030	
Liners used			

GEOLOGICAL TARGET FORMATION Hamilton Shale Depth 4950 feet
Depth of completed well 2035 feet Rotary X / Cable Tools
Water strata depth: Fresh 80 feet; Salt 1075 feet
Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Gordon Sandstone Pay zone depth 2038 feet
Gas: Initial open flow 500 Mcf/d Oil: Initial open flow 20 Bbl/d
Final open flow Mcf/d 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
(If applicable due to multiple completion--)
Second producing formation Pay zone depth 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)

PLEASANTS 1604

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1604

Oil or Gas Well _____
(KIND)

Company <u>Jenkins Energy Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Bridgeport W. Va.</u>	Size			
Farm <u>monongahela power</u>	16			Kind of Packer _____
Well No. <u>5</u>	13			Size of _____
District <u>Grant</u> County <u>Jefferson</u>	10			Size of _____
Drilling commenced <u>3-14-83</u>	8 1/4	<u>1130</u>	<u>1130</u>	Depth set _____
Drilling completed _____ Total depth <u>1458</u>	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs _____ hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>1130</u> No. FT. <u>316-83</u> Date			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Howaco</u>			
Fresh water <u>10.5</u> feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water <u>9.25</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Cemented with 260 SKS cement
Little oil 1140

3-17-83

DATE

R.A. Lowther

DISTRICT WELL INSPECTOR

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

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MAR 28 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1604

Oil or Gas Well _____
(KIND)

Company Jenkins Energy
 Address Bridgeport, W. Va.
 Farm Monongahela power
 Well No. 5
 District Grant County Pleasant
 Drilling commenced _____
 Drilling completed 3-19-83 Total depth 2038
 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 Est 100 bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Frank Amos Tool pusher
Gene Stalnsaker Contractor
 Remarks: oil at 2032

3-23-82
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR



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JUN 27 1984

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
June 6, 1984

COMPANY Jenkins Energy Corporation
P. O. Box 980
Bridgeport, West Virginia 26330

PERMIT NO 073-1596 (2-83)
FARM & WELL NO Monongahela Power #2
DIST. & COUNTY Grant/Pleasants

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing	✓	
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strenght	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R. A. Lowther
DATE June 26, 1984

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. v. B.
Administrator-Oil & Gas Division

July 23, 1984

DATE



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
NOTICE OF VIOLATION

RECEIVED

MAR 9 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit Number no permit

Company Jenkins Energy Corp

Address P.O. Box 980

Street

Bridgeport

City

W. Va. 26330

State

Responsible Agent Carl Davis

Address same

Farm monongahela power Acres 434

Location of Well (Waters) mc Gray Run

Company Well No. 5

District Craig

County pleasant

The above described well is being posted this 7 day of march, 1983. A copy of this violation notice has this day been posted at the well site and either delivered personally or sent by Registered Mail, (return receipt requested) to the above address in accordance with the provisions of Chapter 22, Article 4, Section 1g of the Official Code of West Virginia for the following violation.

Chapter 22, Article 4, Section 1k

Administrative Regulation Rule No. 2 _____

Detailed description of violation:
Failure to obtain permit before doing permitted work. all work will cease until a permit is obtained

You are hereby granted until _____, 19____ to totally abate the above described violation.

Failure to comply with this order will prompt action by the Oil and Gas Division under Chapter 22, Article 4, Section 17, Offenses, Penalties, or Chapter 22, Article 4, Section 18, Injunctive Relief of the West Virginia Code.

Signed R.A. Lowther
Oil and Gas Inspector

Date 3-7-83

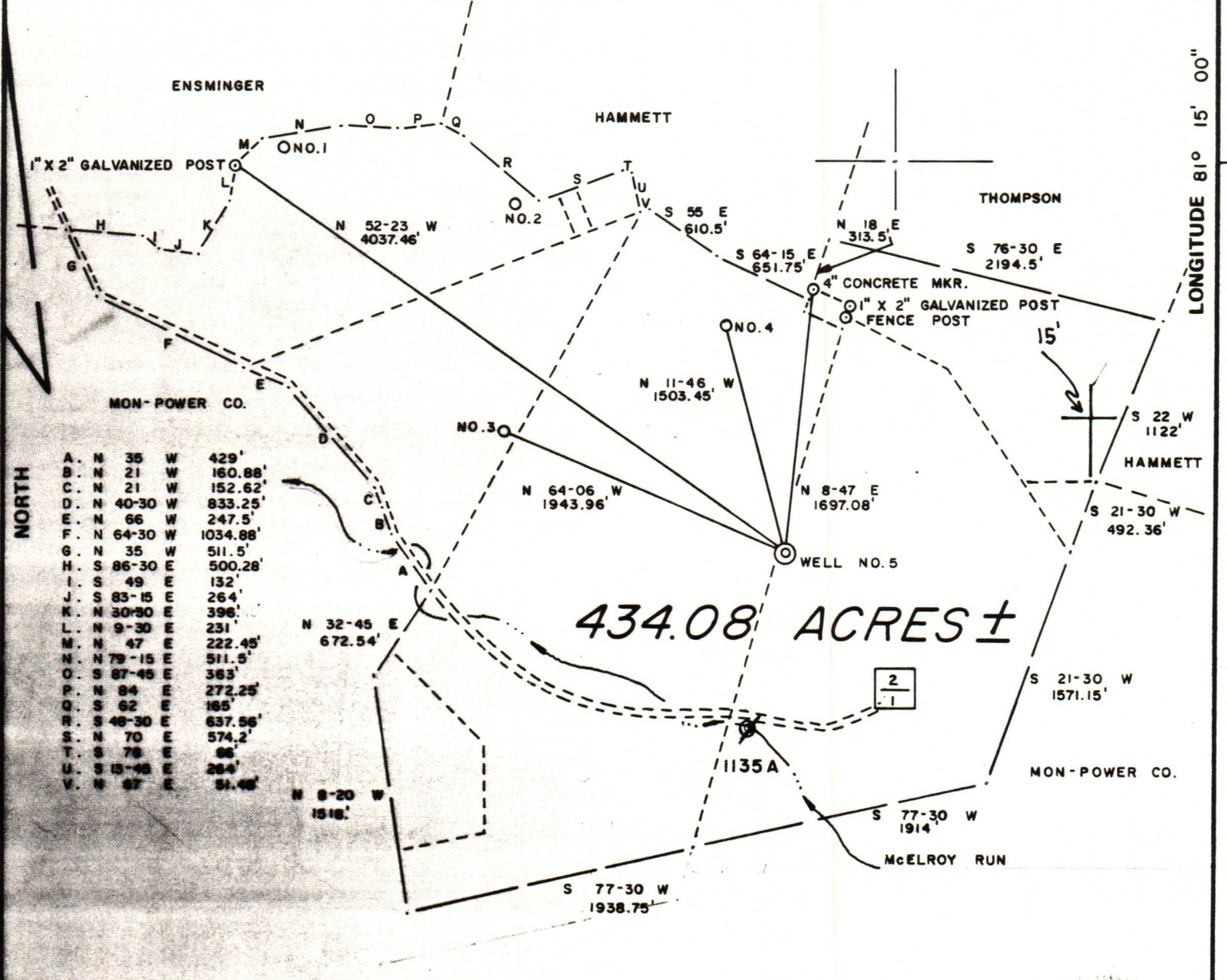
posted 3/12/83

3-8-83

4110'

LATITUDE 39° 22' 30"
39° 25' 00"

MON-POWER LEASE WELL NO.5



NORTH

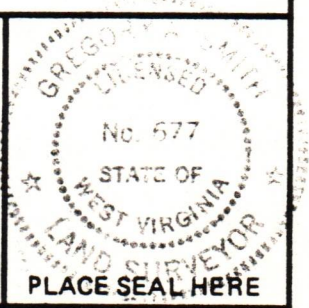
LONGITUDE 81° 15' 00"

A.	N	35	W	429'
B.	N	21	W	160.88'
C.	N	21	W	152.62'
D.	N	40-30	W	833.25'
E.	N	66	W	247.5'
F.	N	64-30	W	1034.88'
G.	N	35	W	511.5'
H.	S	86-30	E	500.28'
I.	S	49	E	132'
J.	S	83-15	E	264'
K.	N	30-30	E	396'
L.	N	9-30	E	231'
M.	N	47	E	222.45'
N.	N	79-15	E	511.5'
O.	S	87-45	E	363'
P.	N	84	E	272.25'
Q.	S	62	E	165'
R.	S	48-30	E	637.56'
S.	N	70	E	574.2'
T.	S	78	E	86'
U.	S	15-48	E	264'
V.	N	87	E	51.45'

434.08 ACRES ±

FILE NO. B-1
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION T.B.M. MON-POWER CO. ELEV. 826.61'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



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



DATE JULY 21, 1982
 OPERATOR'S WELL NO. 5
 API WELL NO. _____
47 - 073 - 1604
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE X DEEP SHALLOW X
 LOCATION: ELEVATION 912' WATER SHED McELROY RUN
 DISTRICT GRANT COUNTY PLEASANTS
 QUADRANGLE WILLOW ISLAND 7.5'
 SURFACE OWNER MONONGAHELA POWER COMPANY ACREAGE 434.08
 OIL & GAS ROYALTY OWNER MONONGAHELA POWER COMPANY LEASE ACREAGE 1158.22
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 MARCELLUS ESTIMATED DEPTH 4975
 WELL OPERATOR JENKINS ENERGY CORP. DESIGNATED AGENT CARLTON DAVIS
 ADDRESS P.O. BOX 980 ADDRESS P.O. BOX 980
BRIDGEPORT, W.V. 26330 BRIDGEPORT, W.V. 26330