



1) Date: December 20, 1982
 2) Operator's Well No. Mercer #1
 3) API Well No. 47 073 1578
 State County Permit

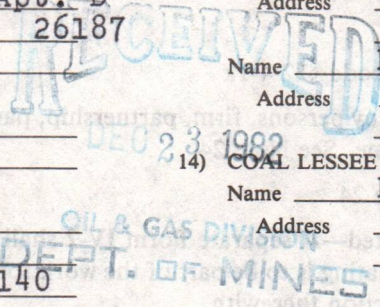
DRILLING CONTRACTOR:

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

Union Drilling, Inc.
P.O. Drawer 40
Buckhannon, WV 26201

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1031' Watershed: Mudlick Run
 District: McKim County: Pleasants Quadrangle: Ellenboro 7.5
- 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 Glenn E. Mercer 12) COAL OPERATOR None
 Address 611 4th. Street Address
St. Marys, WV 26170
- 8) SURFACE OWNER Jerry W. Johnson 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 204 E. 9th. St. Apt. D Name None
Williamstown, WV 26187 Address
 Acreage 21 Name None
- 9) FIELD SALE (IF MADE) TO: Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Lowther Address
 Address General Delivery Address
Middlebourne, WV 26140
- 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, Devonian Shale
- 17) Estimated depth of completed well, 5200' feet
- 18) Approximate water strata depths: Fresh, 90', 231 feet; salt, 1500' feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes / No X



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	<u>11 3/4</u>				<u>X</u>	<u>75'</u>	<u>75'</u>		Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>	<u>J-55</u>		<u>X</u>			<u>1550'</u> To <u>Surface</u>		
Production	<u>4 1/2</u>	<u>J-55</u>		<u>X</u>			<u>5200'</u> <u>550 sks.</u>		Depths set
Tubing									
Liners									Perforations: 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.)

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: Indra Reese
 My Commission Expires 8-21-91

Signed: Carlton Davis
 Its: Designated Agent

OFFICE USE ONLY

Permit number 47-073-1578 **DRILLING PERMIT** Date December 28 19 82

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.)

Permit expires August 28, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>M.S.</u>	Casing: <u>M.S.</u>	Fee: <u>1177</u>
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Fred B. Smith
 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 _____

Pleasant

North

21

Estelle Owens

Estelle Owens

Tom Owens

J. P. Singleton

112 of 8/3/82

Stocks Petroleum Parkersburg, W.V.

More



1101

IV-9
(Rev 8-81)

DATE December 16, 1982
WELL NO. Johnson/Mercer #1
API NO. 47 - 073 - 1578

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Jenkins Energy
Address 338 1/2 Washington Ave. Clarksburg, WV
Telephone 304-622-3837

DESIGNATED AGENT Carlton Davis
Address 308 Professional Bldg. Clarksburg, WV
Telephone 304-623-5371

LANDOWNER Jerry W. Johnson
Revegetation to be carried out by Jenkins Energy

SOIL CONS. DISTRICT Upper Ohio
Carlton Davis (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: 12/21/82 (Date)
Kenneth R. Mason (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Cross Drain</u> (A)	Structure _____ (1)
Spacing <u>9'0" - 6'9"</u>	Material _____
Page Ref. Manual <u>2-4</u>	Page Ref. Manual _____
Structure <u>Broad Base Dip</u> (B)	Structure _____ (2)
Spacing <u>As Shown</u>	Material _____
Page Ref. Manual <u>2-3</u>	Page Ref. Manual _____
Structure <u>Drainage Ditch</u> (C)	Structure _____ (3)
Spacing <u>As Shown</u>	Material _____
Page Ref. Manual <u>2-15</u>	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 As determined by Ph test Tons/acre
or correct to pH 6.5

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

Mulch Hay or Straw 2 Tons/acre

Seed* KY 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

Treatment Area II

Lime As determined by Ph test Tons/acre
or correct to pH 6.5

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

Mulch Hay or Straw 2 Tons/acre

Seed* KY 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre


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


PLAN PREPARED BY Davis Associates
ADDRESS 308 Professional Bldg. Clarksburg, WV 26301
PHONE NO. 304-623-5371

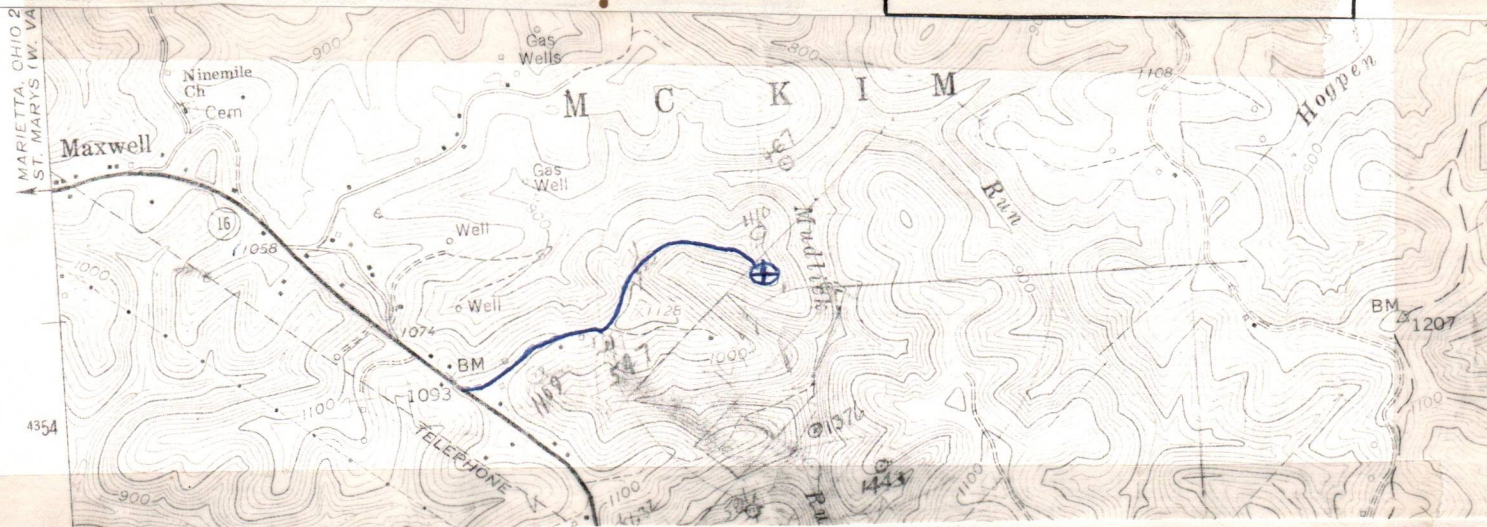
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Ellenboro 75

LEGEND

Well Site 













Access Road 



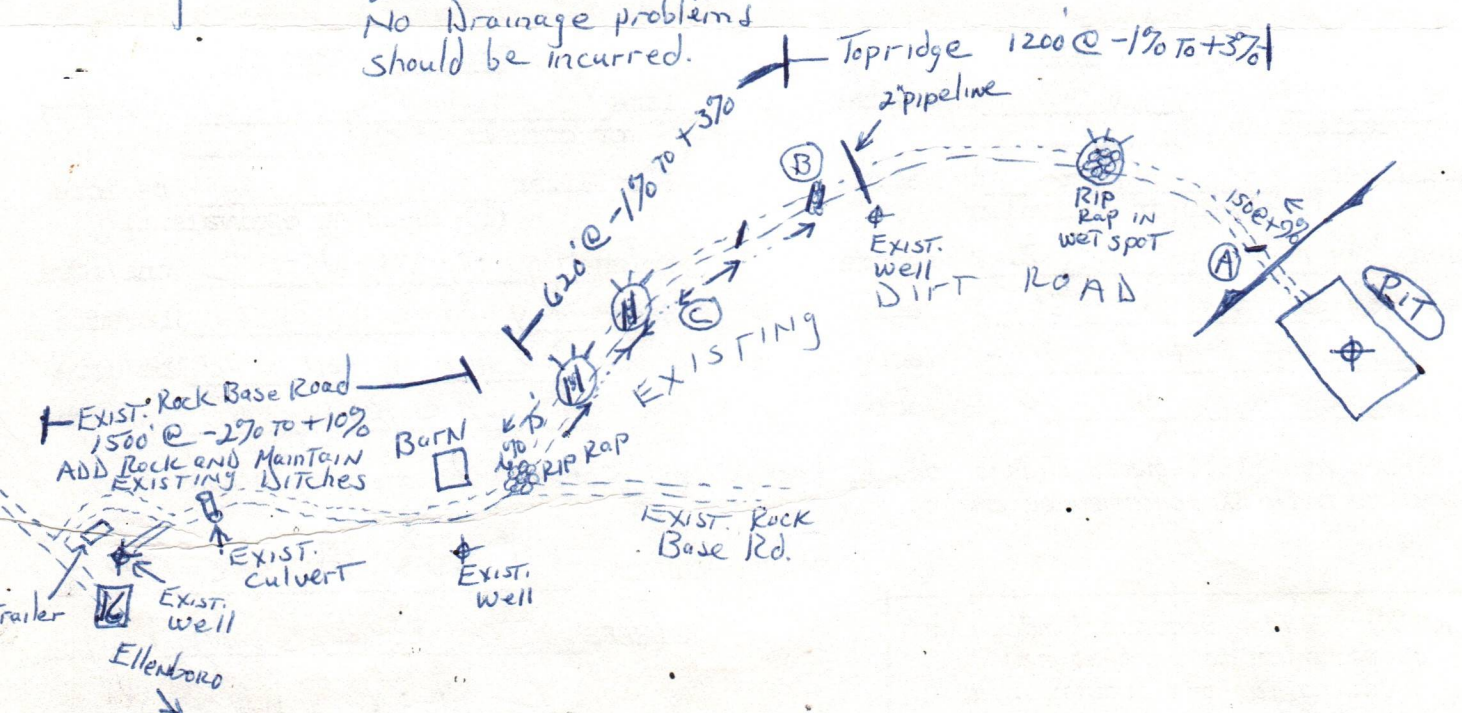
WELL SITE PLAN

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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

Note: There is existing Road from ST. RT. 16 TO THE location. No Timbering will be necessary. Rock will be placed where needed and Ditches will be maintained. Location is ON a point where No Drainage problems should be incurred.



A S S I G N M E N T

THIS ASSIGNMENT, Made this 11th day of November, 1982, by and between STOCKADE PETROLEUM CORPORATION, party of the first part, Assignor, and H. Davis Jenkins, party of the second part, Assignee.

WITNESSETH: That for and in consideration of the sum of TEN (\$10.00) DOLLARS, cash in hand paid and other good and valuable consideration, this day paid to the party of the first part, by the party of the second part, the receipt of which is hereby acknowledged, the said party of the first part does hereby sell, assign, transfer, set over and convey unto the said party of the second part all their right, title and interest in and to that certain lease for oil and gas purposes, situate in McKim District, Pleasants County, West Virginia and more particularly described as follows:


That certain lease for oil and gas purposes, dated Aug. 18, 1982, by and between Glenn E. Mercer, et ux, as Lessor, to Stockade Petroleum Corporation, as Lessee, of record in the Office of the Clerk of the County Court of Pleasants County, West Virginia in Deed Book 176, at Page 611, said original lease containing twenty-one (21) acres, more or less.

Bounded on the North by lands of Estella Owens;
Bounded on the East by lands of Estella Owens;
Bounded on the South by lands of Tom Gregg;
Bounded on the West by lands of J. W. Shingleton;

It is specifically understood and agreed that the party of the first part does hereby reserve from this assignment a one thirty-second (1/32nd) of the 8/8ths in and to the entire leasehold.

This assignment is made subject to all the royalties, terms, provisions and conditions set out in, and being a part of, the original oil and gas lease and intervening assignments.

WITNESS, the following signature and seal.


Raymond W. Edmonds, President
STOCKADE PETROLEUM CORPORATION

STATE OF WEST VIRGINIA,

COUNTY OF WOOD, To-wit:

I, Betty Schneid, a Notary Public in and for the County and State aforesaid, do hereby certify that Raymond W. Edmonds, whose name is signed to the foregoing writing, as President of STOCKADE PETROLEUM CORPORATION, bearing date the 11th day of November, 1982, has this day acknowledged the same before me in my said County.

Given under my hand and seal this 11th day of November, 1982.

Betty Schneid
Notary Public

My commission expires: 1/3/89

This instrument prepared by: Ray Edmonds

Page Two Assignment
Stockade Petroleum Corp. to H. Davis Jenkins
Mercer, 21 Ac., McKim/Pleasants

RECEIVED
DEC 23 1982
OIL & GAS DIVISION
DEPT. OF MINES



RECEIVED

MAR 26 1984

IV-35
(Rev 8-81)

OIL & GAS DIVISION
Date March 12, 1983
Operator's DEPT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Well No. One (1)
Farm Mercer
API No. 47 - 073 - 1578

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1031 Watershed Mudlick Run
District: McKim County Pleasants Quadrangle Ellenboro 7.5

COMPANY Jenkins Energy Corp.
ADDRESS P.O. Box 980 Bridgeport, W.va. 26330
DESIGNATED AGENT Carlton Davis
ADDRESS P.O. Box 980 Bridgeport, W.va. 26330
SURFACE OWNER J. C. Mercer Heirs
ADDRESS St. Marys, W.va.
MINERAL RIGHTS OWNER J. C. Mercer Heirs
ADDRESS St. Marys, W.va.
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS General Delivery, Middlebourne, W.va.
PERMIT ISSUED December 16, 1982
DRILLING COMMENCED January 6, 1983
DRILLING COMPLETED January 13, 1983

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1723	1723	to surface
7			
5 1/2			
4 1/2		5680	600 sacks
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 5,900 feet
Depth of completed well 5,817 feet Rotary X / Cable Tools
Water strata depth: Fresh 80 feet; Salt 1,350 feet
Coal seam depths: N/A Is coal being mined in the area? N/A

OPEN FLOW DATA
Producing formation Hamilton Shale Pay zone depth 5648 feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow -- Bbl/d
Final open flow 750,000 Mcf/d Final open flow -- Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 875 psig (surface measurement) after 4 hours shut in
(If applicable due to multiple completion--)
Second producing formation Harrell Shale Pay zone depth 4760 feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow -- Bbl/d
Final open flow 500,000 Mcf/d Oil: Final open flow 2 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure -- psig (surface measurement) after 4 hours shut in

(Continue on reverse side)

PLEAS. 1578

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

3 stage completion 750,000 SCF of N₂ per stage with 40 holes per stage

1st Stage - Perf 5509 to 5633, 40 holes.

2nd Stage - Perf 4077 to 4724, 40 holes.

3rd Stage - Perf 3856 to 66, 40 holes.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Surface Clay, Sand, Shale & Limestone			0	1,690	
Big Lime			1,690	1,804	
Greenbrier Sandstone			1,802	1,920	Gas
Pocono Sand			1,964	2,040	Gas & Oil
Berea Cap			2,400		
Gantz Sand			2,514	2,524	Gas
Fifth Sand			2,818	2,826	Gas
Brallier Shale			2,954	4,080	Gas & Oil
Harrell Shale			4,080	5,100	Gas
Hamilton Shale			5,100	5,817	Gas

(Attach separate sheets as necessary)

Jenkins Energy Corporation

Well Operator

By:

Date:

John Mitchell
11-10-83

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

INSPECTOR'S WELL REPORT

Permit No. 073-1578

Oil or Gas Well _____
(KIND)

Company Jenkins Energy
 Address Bridgeport W. Va.
 Farm Glenn Mercer
 Well No. 1
 District McKim County Pleasant
 Drilling commenced Jan 6 83
 Drilling completed _____ Total depth 215
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10 <u>11 3/4</u>	<u>74</u>	<u>74</u>	Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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

RECEIVED

Drillers' Names _____ JAN 11 1983

Remarks: 11 3/4 cemented with 15 SKS cement by Hand

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

1-7-83
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 17 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1578

Oil or Gas Well _____
(KIND)

Company <u>Jenkins Energy</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Bridgesport w. Va.</u>	Size			
Farm <u>Jerry Johnson</u>	16			Kind of Packer _____
Well No. _____	13			
District <u>McKim</u> County <u>Pleasant</u>	10			Size of _____
Drilling commenced _____	8 1/4	1725	1725	
Drilling completed _____ Total depth <u>2150</u>	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>1725</u> No. FT. <u>1-9-83</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>nowisco</u>			
Salt water <u>1240</u> feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: 1899 6/10 Gas 1 1/4" H2O

1-10-83
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR



RECEIVED
MAY 29 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
April 2, 1984

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

PERMIT NO 073-1578
FARM & WELL NO Mercer #1
DIST. & COUNTY McKim/Pleasants

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

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

SIGNED R.A. Lowther
DATE May 23, 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. r. B.
Administrator-Oil & Gas Division

DATE _____



State of West Virginia
 Department of Mines
 Oil and Gas Division
 Charleston 25305
 May 30, 1984

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

Jenkins Energy Corporation
 P.O. Box 980
 Bridgeport, W.Va. 26330

In Re: PERMIT NO: 073-1578
 FARM: Glenn E. Mercer
 WELL NO: One
 DISTRICT: McKim
 COUNTY: Pleasants
 ISSUED: 12-28-82

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

 The well designated by the above permit number has been released under your Blanket Bond.

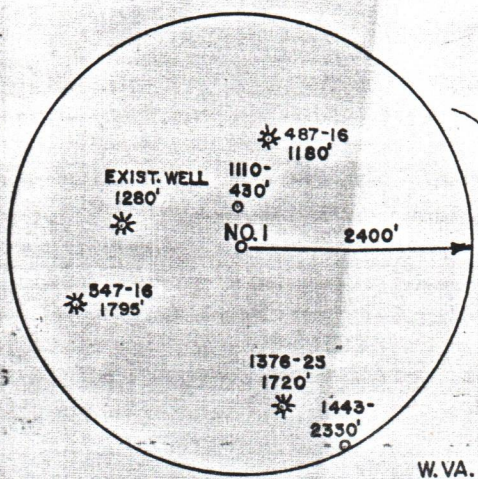
 Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

Theodore M. Streit, Administrator
 Office of Oil & Gas - Dept. Mines

NORTH



EXIST. WELL 1280'

* 487-16 1180'

* 547-16 1795'

1378-25 1720'

* 1443-2330'

NO. 1 2400'

TO PANTHER RUN

STONE IN RUN

N 49° 50' E 923.22'

S 25° E 264'

W.VA. PULP AND PAPER

OWENS

S 40° 07' W 908.29'

STAKE

GLENN E. MERCER 21 AC.

N 50° 30' W 155.69'

N 49° 50' E 685.53'

LOCANTON

MUDLICK RUN

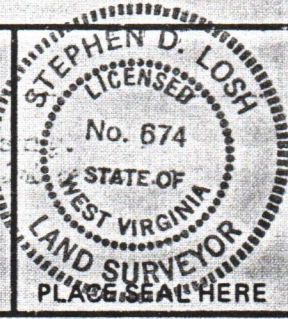
RIGGS

GREGG

PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200'
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV. - 1128'

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) *Stephen D. Losh*
 R.P.E. _____ L.L.S. 674



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE DECEMBER 16, 19 82
 OPERATOR'S WELL NO. MERCER NO. 1
 API WELL NO. 47 - 073 - 1578
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1031' WATER SHED MUDLICK RUN
 DISTRICT MCKIM COUNTY PLEASANTS
 QUADRANGLE ELLENBORO 7.5 min.
 SURFACE OWNER JERRY W. JOHNSON ACREAGE 21
 OIL & GAS ROYALTY OWNER GLENN E. MERCER LEASE ACREAGE 21
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5200'
 WELL OPERATOR JENKINS ENERGY CORP. DESIGNATED AGENT CARLTON DAVIS
 ADDRESS 338 1/2 WASHINGTON AVE. ADDRESS 308 PROFESSIONAL BLDG.
 CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

PIEAS. - 1578