



1) Date: December 6, 1982, 19__
 2) Operator's Well No. Maston #1
 3) API Well No. 47 073 1564
 State County Permit

DRILLING CONTRACTOR:

Union Drilling, Inc.

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

Drawer 40,
Buckhannon, WV 26201

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 906' Watershed: Sharps Run
 District: Jefferson County: Pleasants Quadrangle: Schultz 7.5min
- 6) WELL OPERATOR Jenkins Energy Corp. 11) DESIGNATED AGENT Carlton Davis
 Address 338 1/2 Washington Ave. PO Box 980 Address 308 Professional Bldg.
Clarksburg, WV 26301 Clarksburg, WV 26301
- 7) OIL & GAS ROYALTY OWNER James W. Maston, et.al. 12) COAL OPERATOR None
 Address Box 103 Address _____
Belmont, WV 26134
- 8) SURFACE OWNER James W. Maston 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Box 103 Name None
Belmont, WV 26134 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 26149
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5900' 4450 feet
- 18) Approximate water strata depths: Fresh, None feet; salt, 1580' feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes / No

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 | | Kinds |
| Fresh water | | | | | | | | | Sizes |
| Coal | | | | | | | | | Depths set |
| Intermediate | 8 5/8 | | | X | | 850' | All | CTS | |
| Production | 4 1/2 | | | X | | 4450 | | 3000' | |
| 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.)
- 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: Andra Sese
 My Commission Expires Aug 21, 1991

Signed: Carlton Davis
 Its: Designated Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 047-073-1564 12-8 1982
 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. 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 7-8-83 unless drilling is commenced prior to that date and prosecuted with due diligence.

| | | | | |
|----------------------|--------------------|-----------------|-------------------|------------------|
| Bond: <u>Blanket</u> | Agent: <u>M.J.</u> | Plat: <u>28</u> | Casing: <u>28</u> | Fee: <u>1163</u> |
|----------------------|--------------------|-----------------|-------------------|------------------|

[Signature]
 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.
- X 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
- X 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 _____

Missants

Jefferson

87.50

Westaco, Theodore Bros.
Stellar
WV Pulp & Paper
Horsens

1/2
1/2

Poston Acres, 300 Mountain Dr. Salem, WV
James W. Easton, Box 103, Belmont, WV



IV-9
(Rev 8-81)

DATE DECEMBER 6, 1982
WELL NO. Maston #1
API NO. 047 - 073 - 1564

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.
Telephone CLARKSBURG WV 26301
304-622-3837

DESIGNATED AGENT Carlton Davis
Address 308 Professional Bldg.
Telephone Clarksburg, WV 26301
304-623-5371

LANDOWNER James W. Maston

SOIL CONS. DISTRICT Upper Ohio

Revegetation to be carried out by Jenkins Energy, Carlton Davis (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: 12/7/82 (Date)

Renneth K Mason
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drain (A)
Spacing 12' to 72' (none needed)
Page Ref. Manual 2-4

Structure Diversion Ditch (1)
Material Earthed
Page Ref. Manual 2-12

Structure Culvert (42") (B)
Spacing As shown
Page Ref. Manual 2-7, 2-8

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. * All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Line As Determined by pH Test Tons/acre
or correct to pH 6.5

Line As Determined by pH Test 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 or Straw 2 Tons/acre

Mulch Hay or Straw 2 Tons/acre

Seed* Ky 31 Fescue 35 lbs/acre

Seed* Ky 31 Fescue 35 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Domestic Rye 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

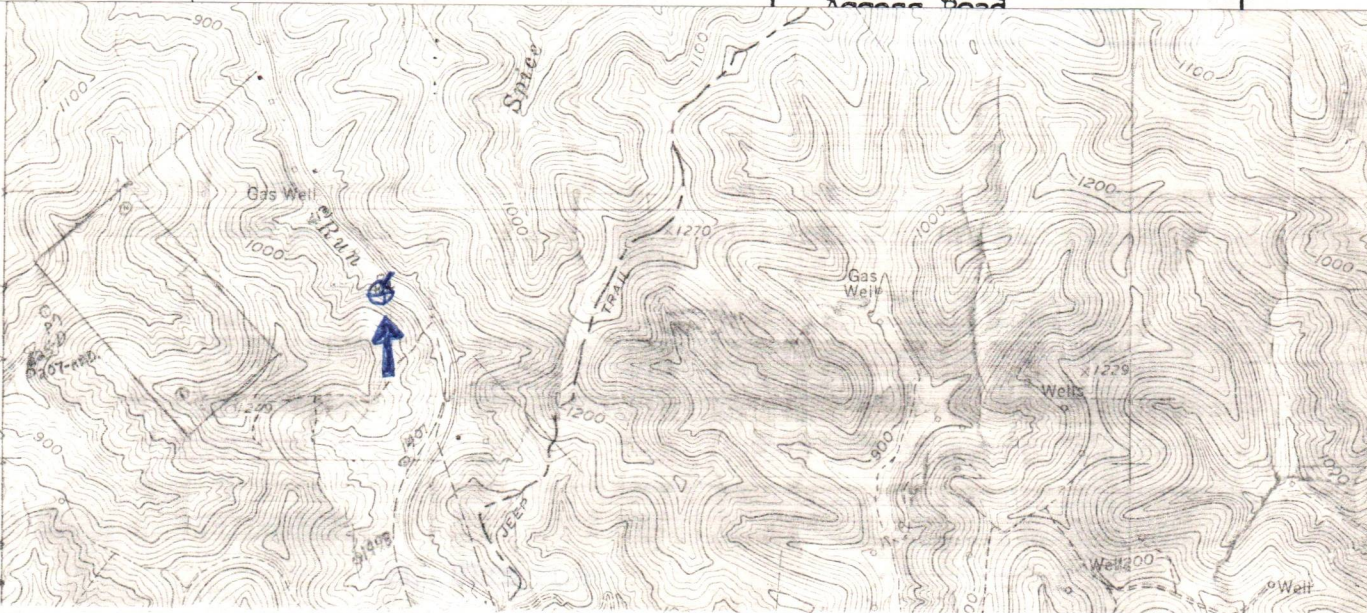
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPIED SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Schultz 7.5'

LEGEND

Well Site ⊕

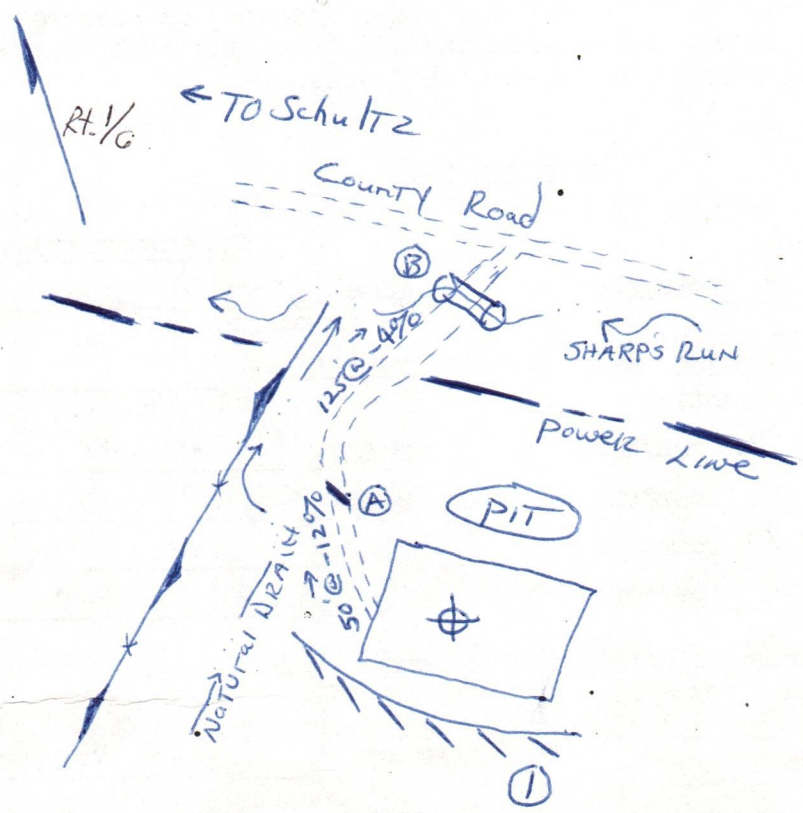
Access Road



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 | |



STATE OF WEST VIRGINIA,

COUNTY OF WOOD, To-wit:

BOOK 179 PAGE 295

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
Maston 67.5 Ac., Jefferson/Pleasants



STATE OF WEST VIRGINIA, COUNTY OF PLEASANTS, TO-WIT:
OFFICE OF THE CLERK OF THE COUNTY COURT OF PLEASANTS COUNTY.

The foregoing paper writing was this day 11/16/82, at 4:10 pm presented for record in my office, and thereupon, together with the certificate thereto annexed, is admitted to record.

Teste: Juda W. Hammett Clerk,
County Court of Pleasants County

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

NOWSCO Nitrogen fracture, with 900,000 scf of N₂ per stage

RECEIVED
 JAN 19 1983
 OIL & GAS DIVISION
 DEPT. OF MINES


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 & Lime | | | 0 | 1,450 | |
| Big Lime | | | 1,450 | 1,610 | |
| Keener Sand | | | 1,610 | 1,669 | Gas |
| Big Injun | | | 1,669 | 1,750 | Oil, Gas & Water |
| Berea Cap | | | 2,133 | | |
| Gordon Sand | | | 2,400 | 2,432 | Gas |
| Fifth Sand | | | 2,848 | 2,858 | Gas |
| Brallier Shale | | | 3,070 | 3,942 | Oil and Gas |
| Harrell Shale | | | 3,942 | 4,848 | Oil and Gas |
| Hamilton Shale | | | 4,848 | 5,200 TD | Gas |

(Attach separate sheets as necessary)

JENKINS ENERGY CORP.

Well Operator _____

By:  _____

Date: 21 FEB 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. 073-1564

Oil or Gas Well _____
(KIND)

Company Jenkins Energy
 Address Bridgeport w. Va
 Farm J. W. Maston ET AL
 Well No. 1
 District Jefferson County Pleasant
 Drilling commenced _____
 Drilling completed _____ Total depth 670
 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 112 feet _____ feet
 Salt water _____ feet _____ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|----------------------|------------------|--------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | |
| 10 11 3/4 | 209 | 209 | 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 11 3/4 SIZE 209 No. FT. 12-15-82 Date
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: cemented by Hand with 20SKS class A Cement

RECEIVED

RECEIVED

DEC 20 1982

DEC 20 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

12-16-82
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

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

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DEC 23 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1564

Oil or Gas Well _____
(KIND)

Company Jenkins Energy
 Address Bridgeport w.v.
 Farm J.W. Maston ET AL
 Well No. 1
 District Jefferson County Pleasant
 Drilling commenced 12-15-82
 Drilling completed 12-17 Total depth 1360
 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 | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | | | Size of |
| 8 1/4 | 1337 | 1337 | |
| 6 5/8 | | | Depth set |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED 8 5/8 SIZE 1337 No. FT 1276 Date 12-16-82
 NAME OF SERVICE COMPANY Nowisco
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____
 Remarks: Contractor, Union Drilling
Cemented with 326 SKS Cement

12-17-82
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

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. 073-1564

Oil or Gas Well _____
(KIND)

| | | | | |
|--|---|------------------|--------------|----------------|
| Company <u>Jenkins Energy</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
| Address <u>Bridgeport w. Va.</u> | Size | | | |
| Farm <u>James Maston</u> | 16 | | | Kind of Packer |
| Well No. <u>1</u> | 13 | | | Size of |
| District <u>Jefferson</u> County <u>Pleasant</u> | 10 | | | |
| Drilling commenced _____ | 8 1/4 | | | Depth set |
| Drilling completed <u>12-21-82</u> Total depth <u>5217</u> | 6 5/8 | | | |
| Date shot _____ Depth of shot _____ | 5 3/16 | <u>4 1/2</u> | <u>5155</u> | <u>5155</u> |
| 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>4 1/2</u> SIZE <u>5155</u> No. FT <u>12-21-82</u> Date | | | |
| Fresh water _____ feet _____ feet | NAME OF SERVICE COMPANY <u>Halliburton</u> | | | |
| Salt water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names _____

Remarks: _____

12-21-82

DATE

R.A. Lowther

DISTRICT WELL INSPECTOR

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

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MAY 31 1983

INSPECTOR'S WELL REPORT

Permit No. 073-1564

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

| | | | | |
|---|---|------------------|--------------|----------------------|
| Company <u>Jenkins Energy</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
| Address _____ | Size | | | |
| Farm <u>James maston</u> | 16 | | | Kind of Packer _____ |
| Well No. <u>1</u> | 13 | | | |
| District <u>Jefferson</u> County <u>pleasant</u> | 10 | | | Size of _____ |
| Drilling commenced _____ | 8 1/4 | | | |
| Drilling completed _____ Total depth _____ | 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 _____ SIZE _____ No. FT. _____ Date _____ | | | |
| Fresh water _____ feet _____ feet | NAME OF SERVICE COMPANY _____ | | | |
| Salt water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names _____

Remarks: Checking violation venting of gas
Co Has abated violation
violation no identification not abated

5-26-83
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR



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SEP 25 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
February 3, 1984

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

PERMIT NO 073-1564 (12-8-82)
FARM & WELL NO James Maston #1
DIST. & COUNTY Jefferson/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 Strenght | <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.H. Foulcher

DATE Sept 21, 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.B.
Administrator-Oil & Gas Division

October 9, 1984

DATE

TMS/chm

FERC-121

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|--|---|-----------------|---|----------------------------|--|----------------------|-----------|-------------|---|--------------------|-------------------------------|--------------------------|------|--------------|--------------|-------------------------------|--------------------------|-----------------------|------------------|--|--|--|-----------------------|--|
| 1.0 API well number: (If not available, leave blank. 14 digits.) | <u>47-073-1564</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.0 Type of determination being sought: (Use the codes found on the front of this form.) | <u>103</u> Section of NGPA | | Category Code | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | <u>5,162</u> feet | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.) | <table style="width:100%; border: none;"> <tr> <td colspan="4" style="text-align: center;"><u>JENKINS ENERGY CORP.</u></td> </tr> <tr> <td style="border: none;">Name</td> <td colspan="2" style="border: none;"><u>P. O. Box 980</u></td> <td style="border: none; text-align: right;">Seller Code</td> </tr> <tr> <td style="border: none;">Street</td> <td colspan="3" style="border: none;"><u>Bridgeport,</u></td> </tr> <tr> <td style="border: none;">City</td> <td style="border: none; text-align: center;"><u>WV</u></td> <td style="border: none; text-align: center;"><u>26330</u></td> <td style="border: none; text-align: right;">Zip Code</td> </tr> </table> | | | | <u>JENKINS ENERGY CORP.</u> | | | | Name | <u>P. O. Box 980</u> | | Seller Code | Street | <u>Bridgeport,</u> | | | City | <u>WV</u> | <u>26330</u> | Zip Code | | | | | | | | |
| <u>JENKINS ENERGY CORP.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | <u>P. O. Box 980</u> | | Seller Code | | | | | | | | | | | | | | | | | | | | | | | | | |
| Street | <u>Bridgeport,</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City | <u>WV</u> | <u>26330</u> | Zip Code | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | <table style="width:100%; border: none;"> <tr> <td colspan="4" style="text-align: center;"><u>Jefferson District</u></td> </tr> <tr> <td style="border: none;">Field Name</td> <td colspan="3" style="border: none;"><u>Pleasants</u></td> </tr> <tr> <td style="border: none;">County</td> <td colspan="3" style="border: none; text-align: center;"><u>WV</u></td> </tr> </table> | | | | <u>Jefferson District</u> | | | | Field Name | <u>Pleasants</u> | | | County | <u>WV</u> | | | | | | | | | | | | | | |
| <u>Jefferson District</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Field Name | <u>Pleasants</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| County | <u>WV</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) For OCS wells: | <table style="width:100%; border: none;"> <tr> <td style="border: none;">Area Name</td> <td colspan="3" style="border: none;">Block Number</td> </tr> <tr> <td colspan="4" style="text-align: center;">Date of Lease:</td> </tr> <tr> <td style="border: none; text-align: center;"> <table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;">OCS Lease Number</td> </tr> </table> </td> <td colspan="3" style="border: none;"></td> </tr> </table> | | | | Area Name | Block Number | | | Date of Lease: | | | | <table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;">OCS Lease Number</td> </tr> </table> | | | | | | | Mo. | Day | Yr. | OCS Lease Number | | | | | |
| Area Name | Block Number | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date of Lease: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mo. | Day | Yr. | OCS Lease Number | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | <u>James Maston #1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | <table style="width:100%; border: none;"> <tr> <td colspan="4" style="text-align: center;"><u>Consolidated Gas Supply Corporation</u></td> </tr> <tr> <td style="border: none;">Name</td> <td colspan="3" style="border: none;"></td> <td style="border: none; text-align: right;">Buyer Code</td> </tr> </table> | | | | <u>Consolidated Gas Supply Corporation</u> | | | | Name | | | | Buyer Code | | | | | | | | | | | | | | | |
| <u>Consolidated Gas Supply Corporation</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | | | | Buyer Code | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Date of the contract: | <table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;"></td> </tr> </table> | | | | | | | | | | Mo. | Day | Yr. | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mo. | Day | Yr. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Estimated annual production: | <u>48</u> MMcf. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) | (a) Base Price (\$/MMBTU) <u>2.732</u> | (b) Tax --- | (c) All Other Prices [Indicate (+) or (-).] --- | (d) Total of (a), (b) and (c) --- | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) | --- | --- | --- | --- | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 Person responsible for this application: | <table style="width:100%; border: none;"> <tr> <td style="border: none; text-align: center;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">Agency Use Only</td> </tr> <tr> <td style="text-align: center; padding: 2px;">Date Received by Juris. Agency APR 4 1983</td> </tr> <tr> <td style="text-align: center; padding: 2px;">Date Received by FERC</td> </tr> </table> </td> <td colspan="3" style="border: none; vertical-align: top;"> <table style="width:100%; border: none;"> <tr> <td style="border: none;">Name</td> <td colspan="2" style="border: none;"><u>DONALD C. KESTERSON</u></td> <td style="border: none; text-align: right;">Title</td> </tr> <tr> <td style="border: none;">Signature</td> <td colspan="3" style="border: none;"> </td> </tr> <tr> <td style="border: none;">Date Application is Completed</td> <td colspan="2" style="border: none; text-align: center;"><u>February 21, 1983</u></td> <td style="border: none; text-align: right;">Phone Number</td> </tr> <tr> <td style="border: none;"></td> <td colspan="2" style="border: none;"></td> <td style="border: none; text-align: right;"><u>(304) 485-9111</u></td> </tr> </table> </td> </tr> </table> | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">Agency Use Only</td> </tr> <tr> <td style="text-align: center; padding: 2px;">Date Received by Juris. Agency APR 4 1983</td> </tr> <tr> <td style="text-align: center; padding: 2px;">Date Received by FERC</td> </tr> </table> | Agency Use Only | Date Received by Juris. Agency APR 4 1983 | Date Received by FERC | <table style="width:100%; border: none;"> <tr> <td style="border: none;">Name</td> <td colspan="2" style="border: none;"><u>DONALD C. KESTERSON</u></td> <td style="border: none; text-align: right;">Title</td> </tr> <tr> <td style="border: none;">Signature</td> <td colspan="3" style="border: none;"> </td> </tr> <tr> <td style="border: none;">Date Application is Completed</td> <td colspan="2" style="border: none; text-align: center;"><u>February 21, 1983</u></td> <td style="border: none; text-align: right;">Phone Number</td> </tr> <tr> <td style="border: none;"></td> <td colspan="2" style="border: none;"></td> <td style="border: none; text-align: right;"><u>(304) 485-9111</u></td> </tr> </table> | | | Name | <u>DONALD C. KESTERSON</u> | | Title | Signature | | | | Date Application is Completed | <u>February 21, 1983</u> | | Phone Number | | | | <u>(304) 485-9111</u> | |
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| Signature | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | <u>(304) 485-9111</u> | | | | | | | | | | | | | | | | | | | | | | | | | |

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

| <u>Section of NGPA</u> | <u>Category Code</u> | <u>Description</u> |
|------------------------|----------------------|---|
| 102 | 1 | New OCS Lease |
| 102 | 2 | New onshore well (2.5 mile test) |
| 102 | 3 | New onshore well (1,000 feet deeper test) |
| 102 | 4 | New onshore reservoir |
| 102 | 5 | New reservoir on old OCS Lease |
| 103 | - | New onshore production well |
| 107 | - | High cost natural gas |
| 108 | - | Stripper well |

Other Purchasers/Contracts:

| <u>Contract Date</u> (Mo. Day Yr.) | <u>Purchaser</u> | <u>Buyer Code</u> |
|---------------------------------------|------------------|-------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Remarks:

[Handwritten signature and date APR 1983]

DATE: SEP 19 1983

BUYER-SELLER CO

PARTICIPANTS:

WELL OPERATOR: Jenkins Energy Corp
FIRST PURCHASER: Consolidated Gas Supply
OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
83-04-04 - 103-073 = 1564
Use Above File Number on all Communications
Relating to Determination of this Well

1500'
~~2242' by mean plate (5' - 1450')~~
~~Frac. 1200'~~
~~Formation~~
QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. 7.0 bed 8.0 all
- 2. IV-1 Agent Carter Davis
- 3. IV-2 Well Permit
- 4. IV-6 Well Plat
- 5. IV-35 Well Record Drilling Deepening
- 6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced? Ratio
- 7. IV-39 Annual Production years
- 8. IV-40 90 day Production Days off line: _____
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - (54) - 55 - 56 - 57 - 58 Complete? Affidavit Signed
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
Gas Analyses _____

- (5) Date commenced: 12-27-82 Date completed 1-3-83 Deepened
- (5) Production Depth: 4840 - 5200 3100 - 3940
- (5) Production Formation: Hamilton Bralliers
- (5) Final Open Flow: 400 mcf 200 mcf
- (5) After Frac. R. P. 550 # 4hr 430 # 4hr
- (6) Other Gas Test: -
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Rep _____
- (5) Oil Production: _____ From Completion Report _____

10-17. Does lease inventory indicate enhanced recovery being done No
10-17. Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? Yes

Additional information _____ Does computer program confirm? _____

Was Determination Objected to _____ By Whom? _____

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

Date February 21, 19 83

Operator's Well No. #1 James Maston

API Well No. 47 - 073 - 1564
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. _____
(If Applicable)

WELL OPERATOR JENKINS ENERGY CORP.

DESIGNATED AGENT CARLTON DAVIS

ADDRESS P. O. Box 980

ADDRESS P. O. Box 980

Bridgeport, WV 26330

Bridgeport, WV 26330

Gas Purchase Contract No. N/A and Date N/A
(Month, day and year)

Meter Chart Code N/A

Name of First Purchaser N/A

(Street or P. O. Box)

(City) (State) (Zip Code)

FERC Seller Code _____

FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA 103 Category Code _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

DONALD C. KESTERSON PETROLEUM GEOLOGIST
Name (Print) Title

[Signature]
Signature

P. O. Box 2036
Street or P. O. Box

Parkersburg, WV 26102
City State (Zip Code)

(304) 485-9111
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request, for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1975 (NGPA); or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the _____ day of _____, 19____, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

APR 4 1983

Date received by _____
Jurisdictional Agency

By [Signature]
Title _____

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

Date February 21 19 83

Operator's Well No. James Maston #1

API Well No. 47 - 073 - 1564
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT CARLTON DAVIS

ADDRESS P. O. Box 980
Bridgeport, WV 26330

WELL OPERATOR JENKINS ENERGY CORP.

ADDRESS P. O. Box 980
Bridgeport, WV 26330

LOCATION: Elevation 906'
Watershed Cow Creek of Ohio River
Dist. Jefferson County Pleasants Quad. Schutz 7.5'

GAS PURCHASER N/A

ADDRESS _____

Gas Purchase Contract No. N/A

Meter Chart Code N/A

Date of Contract N/A

* * * * *

Date surface drilling was begun: 12/27/82

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

$BHP = P_1 + P_1 \left(e^{\frac{GL}{53.34T}} - 1 \right) = 618.43 \text{ Plus } 1,200 \text{ lbs of Fluid Waste}$

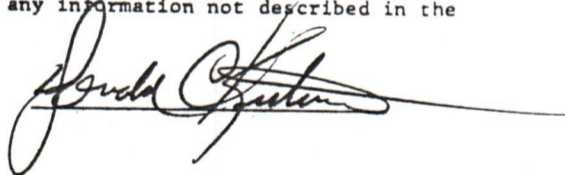
$P_1 = 550$

$G = .69$

$L = 5,164$

AFFIDAVIT

I, DONALD C. KESTERSON, 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.



STATE OF WEST VIRGINIA,

COUNTY OF Wood, TO WIT:

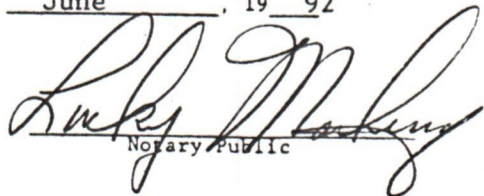
I, Lucky L. Matheny, a Notary Public in and for the state and county aforesaid, do certify that DONALD C. KESTERSON, whose name is signed to the writing above, bearing date

the 21st day of February, 19 83, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 21st day of February, 19 83.

My term of office expires on the 8th day of June, 19 92

[NOTARIAL SEAL]



IV-27
11/23/81



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: May 24, 1983
Well No: 1
API NO: 47-073-1564
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil / Gas Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow /
LOCATION: Elevation: 906 Watershed: Sharps Run
District: Jefferson County: Pleasants Quadrangle: Schully
WELL OPERATOR Jenkins Energy Corp DESIGNATED AGENT Carl Davis
Address P.O. Box 980 Address P.O. Box 980
Bridgeport W.Va. 26330 Bridgeport W.Va. 26330

The above well is being posted this 24 day of May, 1983, for a violation of Code 22-4-14 and/or Regulation 22-4-7.03, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*wasting Gas By Venting
no Identification on well*

RECEIVED

MAY 26 1983

OIL & GAS DIVISION
DEPT. OF MINES

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until May 26, 1983 to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Robert A. Louther
Oil and Gas Inspector

Address Middlebourne W. Va.

Telephone: 758-4764



1123381
1V-27

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division NOTICE OF VIOLATION

Date: May 24 1983
Well No: 1
API NO: 47-473-1524
State County Permit

WELL TYPE: 011 Gas Liquid Injection Waste Disposal
Of "Gas" - Production Storage Deep Shallow
LOCATION: Elevation: 900 Watershed: Thompson Run
District: Jefferson County: Jefferson Quadrangle: Belleville
WELL OPERATOR: Jefferson Designated Agent: Carl Travis
Address: P.O. Box 180 Address: Jefferson
Jefferson

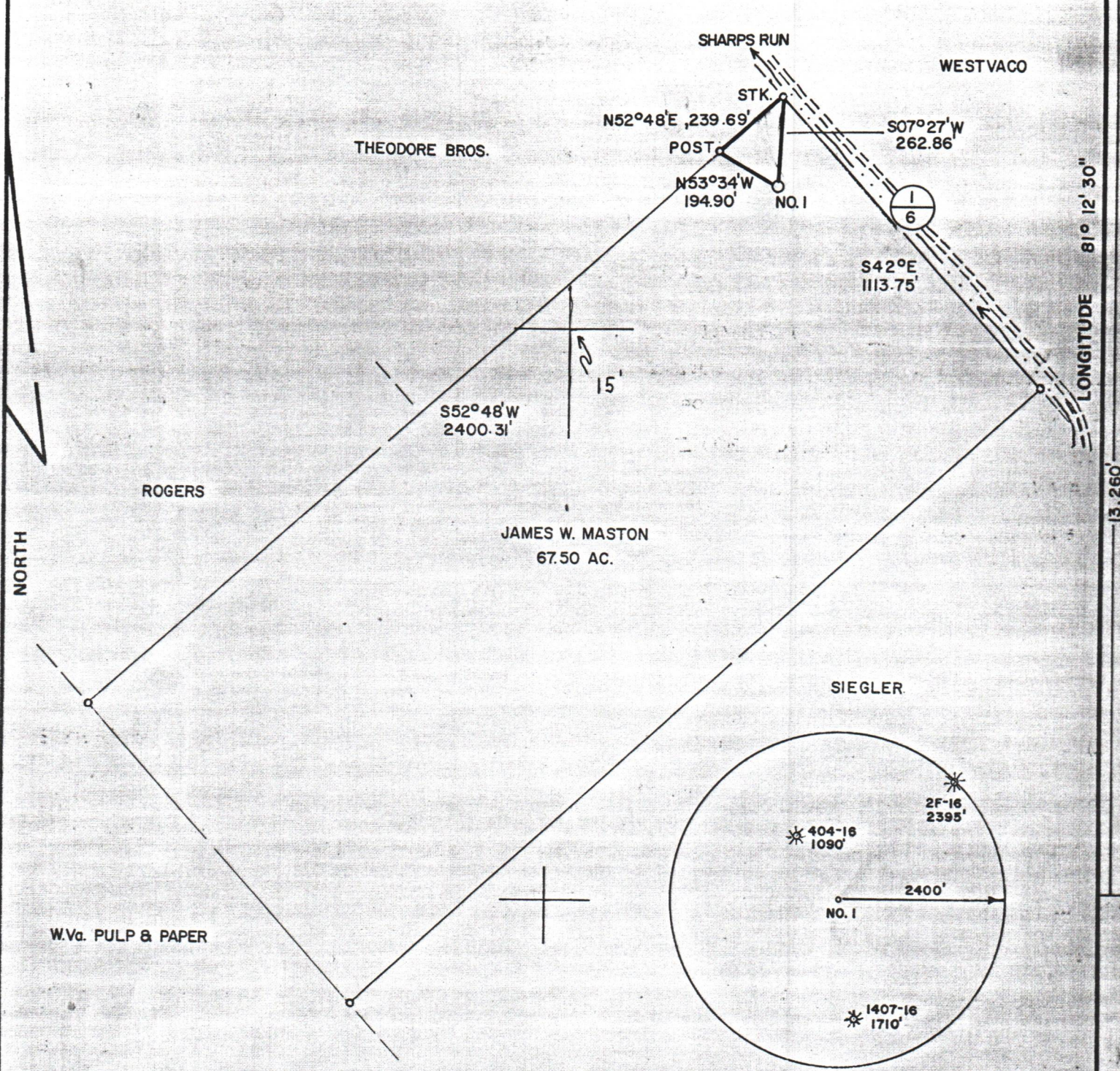
The above well is being posted this 24 day of May, 1983, for a violation of Code 22-4-14 and/or Regulation 22-4-13, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*no identification on well
venting gas by venting*

DEPT. OF MINES
OIL & GAS DIVISION
MAY 26 1983

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.
You are hereby granted until May 26, 1983, to abate this violation.
Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Address: Jefferson
Oil and Gas Inspector: Robert A. [Signature]
Telephone: 758-4714



LONGITUDE 81° 12' 30"

092' 1"

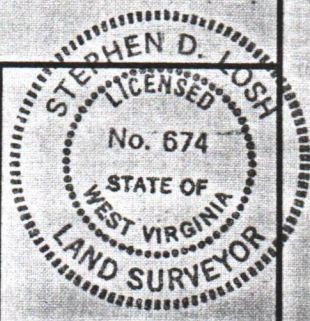
PLEASANTS, 1564

PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION EXIST. WELL NO. 404
ELEV. - 852'

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



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE DECEMBER 6, 19 82

OPERATOR'S WELL NO. MASTON NO. 1

API WELL NO. _____

47-073-1564

STATE COUNTY PERMIT

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

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___

(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 906' WATER SHED SHARPS RUN

DISTRICT JEFFERSON COUNTY PLEASANTS

QUADRANGLE SHULTZ 7.5 min.

SURFACE OWNER JAMES W. MASTON ACREAGE 67.50

OIL & GAS ROYALTY OWNER JAMES W. MASTON, et. al. LEASE ACREAGE 67.50

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 SHALE ESTIMATED DEPTH 3000' 4450'

WELL OPERATOR JENKINS ENERGY CORP. DESIGNATED AGENT CARLTON DAVIS

ADDRESS 338 1/2 WASHINGTON AVENUE ADDRESS 308 PROFESSIONAL BLDG.

CLARKSBURG, WV 26301 CLARKSBURG, WV 26301