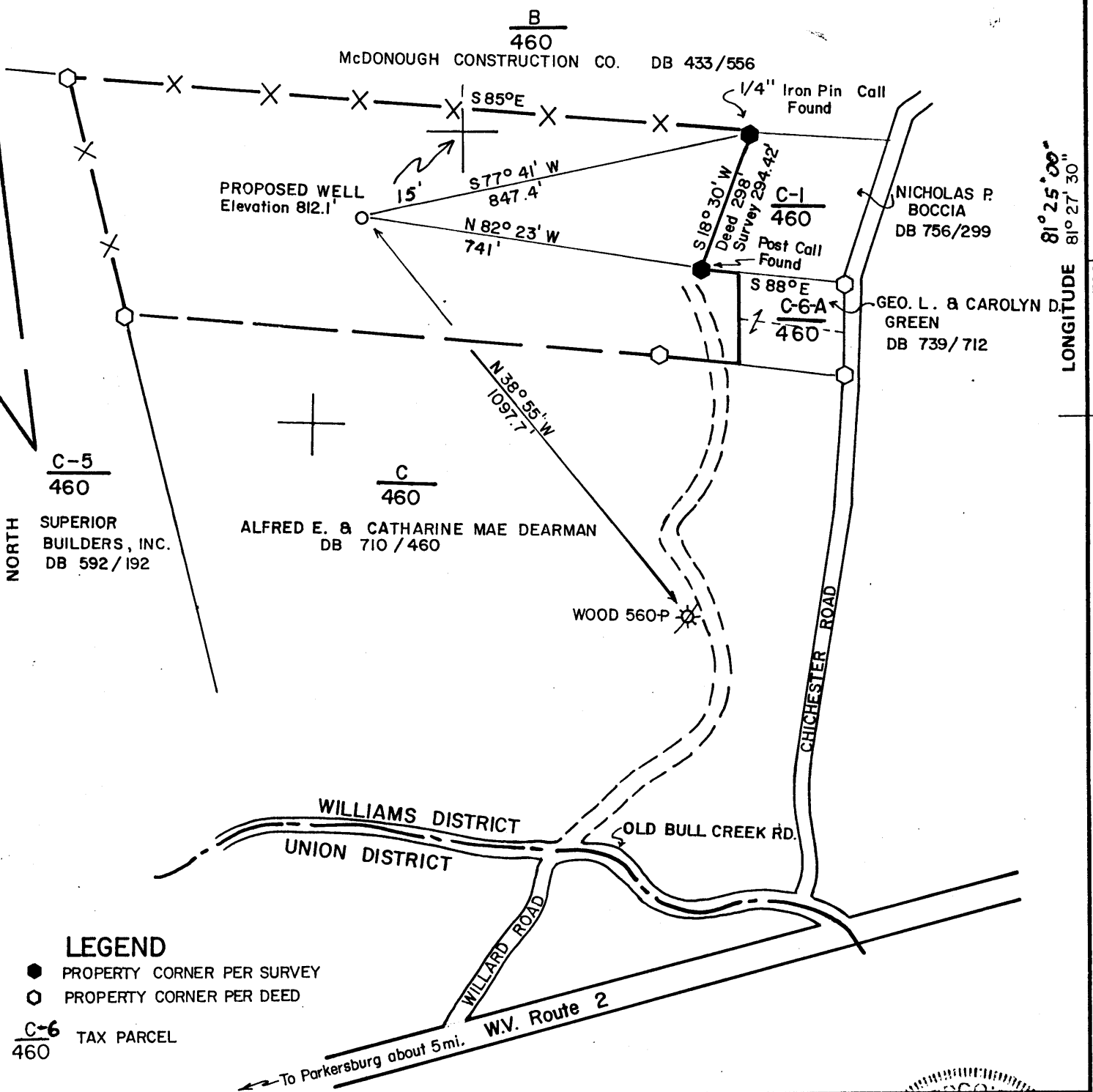


4-11-83

10,990

LATITUDE 39° 20' 00"



LONGITUDE 81° 25' 00"  
81° 27' 30"

6729

**LEGEND**

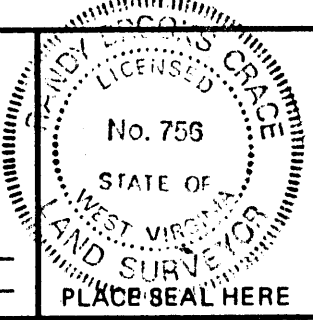
- PROPERTY CORNER PER SURVEY
- PROPERTY CORNER PER DEED

C-6 TAX PARCEL  
460

FILE NO. 8-8301  
DRAWING NO. 1 OF 1  
SCALE 1" = 300'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION WELL WOOD 560-P  
ELEVATION 907.8'

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) Randy Brooks  
R.P.E. \_\_\_\_\_ L.L.S. WVA. 756



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

DATE 2-4, 19 83  
OPERATOR'S WELL NO. 1  
API WELL NO. 47-107-1248-Res.  
STATE COUNTY PERMIT Cancelled

(+) 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 812.1 WATER SHED BRANCH OF POND RUN OF OHIO RIVER  
DISTRICT WILLIAMS COUNTY WOOD  
QUADRANGLE VALLEY MILLS 7 1/2'  
SURFACE OWNER PAUL E. & TILISTA C. BRAND ACREAGE 15.87 Ac.  
OIL & GAS ROYALTY OWNER PAUL E. & TILISTA C. BRAND LEASE ACREAGE 15.87 Ac.  
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 FIFTH SAND ESTIMATED DEPTH 3035'  
WELL OPERATOR PHOENIX OIL & GAS EXPL., INC. DESIGNATED AGENT RICHARD SCHARF  
ADDRESS 655 3rd AVENUE ADDRESS P.O. BOX 8440  
NEW YORK, NEW YORK, 10017 SOUTH CHARLESTON, WVA, 25303

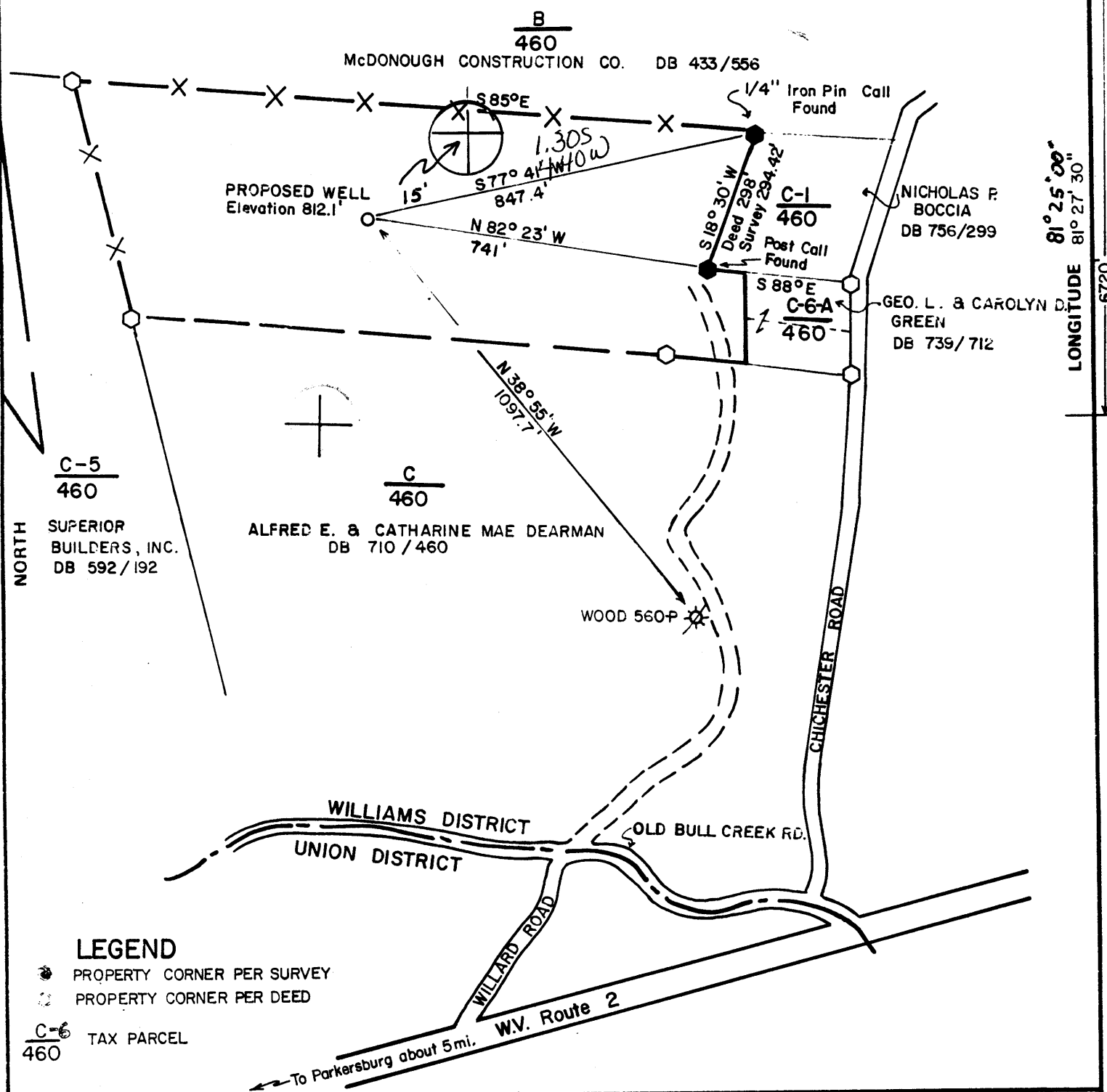
AUG 4 1986

Wood 1248

4-11-83 Plot Card CSD

10,990

LATITUDE 39° 20' 00"



LONGITUDE 81° 25' 00" 81° 27' 30"

**LEGEND**

- PROPERTY CORNER PER SURVEY
- PROPERTY CORNER PER DEED

C-6/460 TAX PARCEL

FILE NO. 8-8301  
 DRAWING NO. 1 OF 1  
 SCALE 1" = 300'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION WELL WOOD 560-P  
ELEVATION 907.8'

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) Nancy Brinkman  
 R.P.E. \_\_\_\_\_ L.L.S. WVA. 756

PLACE SEAL HERE

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



DATE 2-4, 1983  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-107-1248  
 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 812.1 WATER SHED BRANCH OF POND RUN OF OHIO RIVER  
 DISTRICT WILLIAMS COUNTY WOOD  
 QUADRANGLE VALLEY MILLS 7 1/2' maretta 15' SW  
 SURFACE OWNER PAUL E. & TILISTA C. BRAND ACREAGE 15.87 Ac.  
 OIL & GAS ROYALTY OWNER PAUL E. & TILISTA C. BRAND LEASE ACREAGE 15.87 Ac.  
 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 FIFTH SAND ESTIMATED DEPTH 3035'  
 WELL OPERATOR PHOENIX OIL & GAS EXPL., INC. DESIGNATED AGENT RICHARD SCHARF  
 ADDRESS 655 3rd AVENUE ADDRESS P.O. BOX 8440  
NEW YORK NEW YORK 10017 SOUTH CHARLESTON, WVA. 25303

APR 18 1983

WOOD 1248

FILE COPY

RENEW



1) Date: December 22, 1983  
 2) Operator's Well No. Band #1  
 3) API Well No. 47 107 1248-Ren  
 State County Permit  
 (FORMERLY)

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil        / Gas X /  
 B (If "Gas", Production X / Underground storage        / Deep        / Shallow X)  
 5) LOCATION: Elevation: 812.1 ft Watershed: Br Pond Run of Ohio River  
 District: Williams County: Wood Quadrangle: Valley Mills, 75'  
 6) WELL OPERATOR Phoenix Gas + Oil Expl, Inc 7) DESIGNATED AGENT Richard Scharf  
 Address 655 Third Ave Address PO Box 3440  
New York, N.Y. 10017 South Charleston, WV, 2530  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name        Name (Unknown)  
 Address        Address         
 10) PROPOSED WELL WORK: Drill X / Drill deeper        / Redrill        / Stimulate         
 Plug off old formation        / Perforate new formation         
 Other physical change in well (specify)         
 11) GEOLOGICAL TARGET FORMATION, Fifth Sands OIL & GAS DIVISION  
 12) Estimated depth of completed well, 3035 feet DEPT. OF MINES  
 13) Approximate strata depths: Fresh, 80 feet; salt, 1,840 feet.  
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes        / No X

RECEIVED  
 DEC 23 1983

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4			X		200'	200'	To Surface	KIAW NEAT
Fresh water									
Coal									Sizes
Intermediate	8 5/8			X		2075'	2075'	To Surface	
Production	4 1/2			X		3035'	3035'	as required	Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-107-1248-Ren January 26, 1984  
 Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires January 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>ls</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>394</u>
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T. Williams  
 Administrator, Office of Oil and Gas



1) Date: Feb. 19, 19      
 2) Operator's Well No. Brand 47  
 3) API Well No. 47 State      County      Permit     

DRILLING CONTRACTOR:  
    

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil      / Gas X /  
 B (If "Gas", Production X / Underground storage      / Deep      / Shallow     )
- 5) LOCATION: Elevation: 812.1 Watershed: Branch of Pond Run of Ohio River  
 District: Williams County: Wood Quadrangle: Valley Mills
- 6) WELL OPERATOR Phoenix Gas & Oil Explor. Inc. 11) DESIGNATED AGENT Richard Benart  
 Address 513 Third Ave Address P. O. Box 3640  
New York, N. Y. 10017 So. Ches. W. V. 25902
- 7) OIL & GAS ROYALTY OWNER Paul E. Brand 12) COAL OPERATOR none  
 Address 2439 Willard Rd. Address       
Parkersburg, W. V. 26101
- 8) SURFACE OWNER Same as 7 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address      Name Mc - Mrs. P. E. Brand  
     Address 2439 Willard Rd.  
     Parkersburg, W. V. 26101  
 Name       
 Address
- 9) FIELD SALE (IF MADE) TO:  
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name Deo Mace Name none  
 Address Rt 1 Box 5 Address       
Sandridge, W. V. 25274/1-655-7398
- 15) PROPOSED WORK: Drill X / Drill deeper      / Redrill      / Fracture or stimulate X  
 Plug off old formation      / Perforate new formation       
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Fifth Sands
- 17) Estimated depth of completed well, 3035 feet
- 18) Approximate water strata depths: Fresh, 80 feet; salt, 1,840 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	11 3/4"			X		150	150	To Surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8"			X		2075	2075	To Surface	
Production	4 1/2"			X		3035	3035	as required	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:     

Signed:     

My Commission Expires     

Its: VP Field operations

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 67-107-1368

Date April 11, 19    

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

Bond:	Agent:	Plat:	Casing	Fee
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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 \_\_\_\_\_