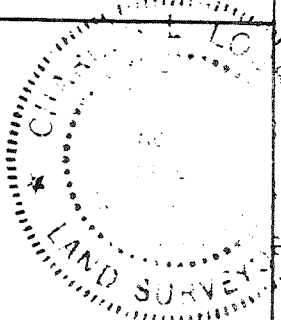


Surface & Minerals  
**CHESTER M. & VIRGINIA JENKINS**  
 188/650 205 Ac.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION B.M. on Patterson Creek Bridge

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) *C. S. [Signature]*  
 R.P.E. \_\_\_\_\_ L.L.S. 69



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

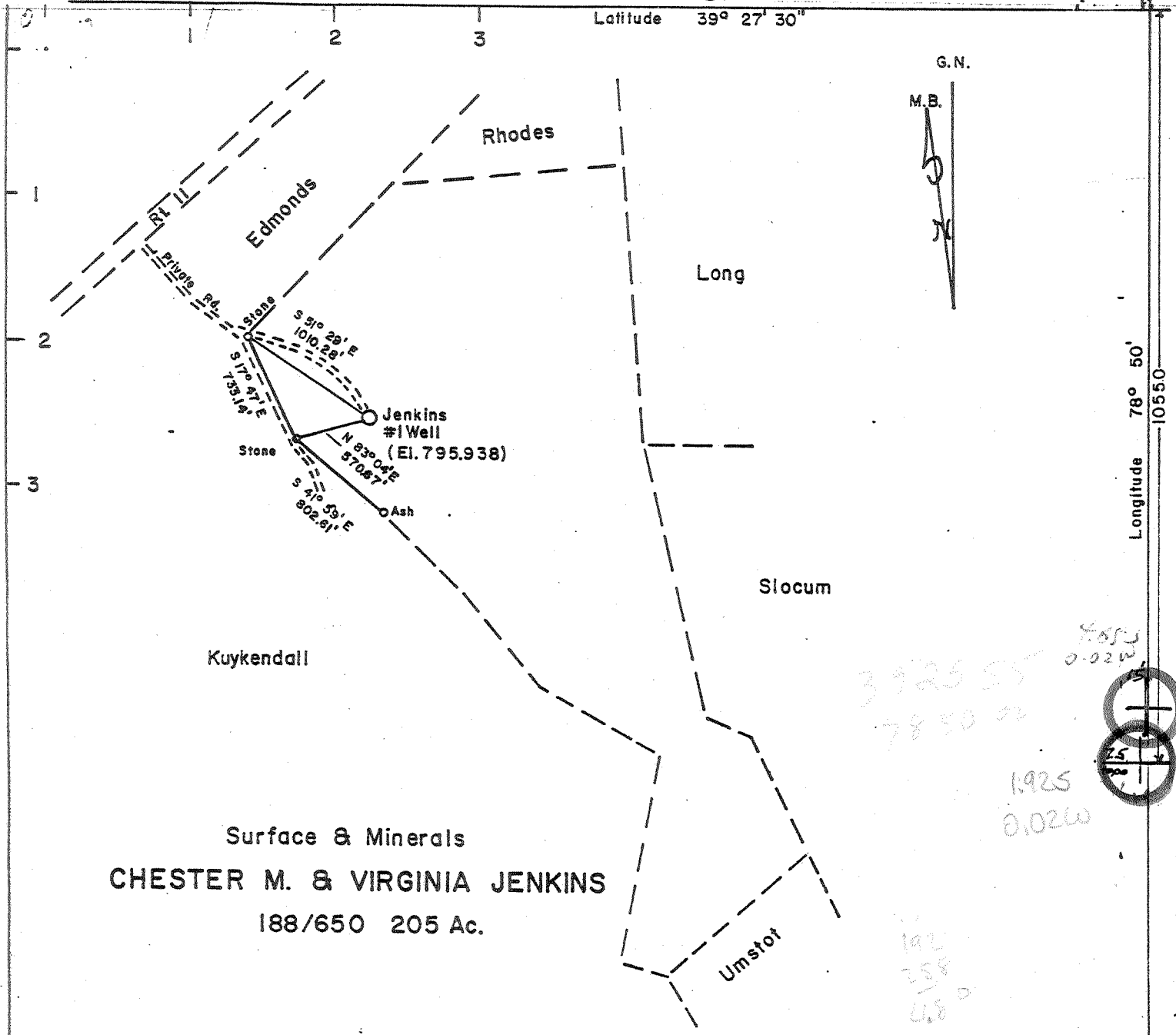
DATE Oct. 14, 1980  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_  
 WV - Mineral - 057 - 0055-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 795.938 WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville KEYSER 15  
 SURFACE OWNER Chester & Virginia Jenkins ACREAGE 205  
 OIL & GAS ROYALTY OWNER Chester & Virginia Jenkins LEASE ACREAGE 205  
 LEASE NO. 207/596  
 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 Oriskany Sand ESTIMATED DEPTH T.D. 2400 ±  
 WELL OPE Upland Resources, Inc. DESIGNATED AGENT Huntley & Huntley  
 ADDRESS c/o Westvaco Corporation ADDRESS 1700 Benedum - Trees Building  
 299 Park Avenue Deepwell

AUG 16 1982

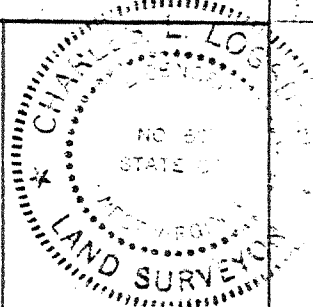


Surface & Minerals  
**CHESTER M. & VIRGINIA JENKINS**  
 188/650 205 Ac.

*Handwritten notes:*  
 3925 55  
 7850 02  
 1925  
 0.02W  
 1925  
 358  
 480

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION B.M. on Patterson Creek Bridge

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) *C. L. Ryden*  
 R.P.E. \_\_\_\_\_ L.L.S. 69



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

DATE Oct. 14, 1980  
 OPERATOR'S WELL NO. 1  
 APIWELL NO. \_\_\_\_\_  
 WV - 057 Mineral - 0055  
 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 \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 795.938 WATERSHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville KEYSER 15 NC  
 SURFACE OWNER Chester & Virginia Jenkins ACREAGE 205  
 OIL & GAS ROYALTY OWNER Chester & Virginia Jenkins LEASE ACREAGE 205  
 LEASE NO. 207/596  
 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 Oriskany Sand ESTIMATED DEPTH T.D. 2400 ±  
 WELL OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley  
 ADDRESS 1700 Benedum - Trees Building ADDRESS 1700 Benedum - Trees Building  
Pittsburgh, Pa. 15222 Pittsburgh, Pa. 15222

*Handwritten:* 6-4 Headsville North (335) Deep Well 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Quadrangle Headsville

Permit No. 47-0570055

Rotary \_\_\_\_\_ Oil \_\_\_\_\_  
Cable XXX Gas XXX  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company <u>Upland Resources</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>c/o Westvaco, 299 Park Ave., NY, NY 10017</u>				
Farm <u>Jenkins</u> Acres <u>205</u>	Size			
Location (waters) <u>Patterson Creek</u>	20-16			
Well No. <u>1</u> Elev. <u>759</u>	Cond.			
District <u>Cabin Run</u> County <u>Mineral</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>Chester &amp; Virginia Jenkins</u>	8 5/8	400'	400'	Cement to Surface
Address <u>6000 Kalb Flesh Rd., Middletown, OH</u>	7			
Mineral rights are owned by <u>Same as above</u>	5 1/2			
Address _____	4 1/2		2119'	120 sks
Drilling Commenced _____	3			
Drilling Completed <u>July 1, 1981</u>	2			
Initial open flow <u>0</u> cu. ft. <u>0</u> bbls.	Liners Used			
Final production <u>1000MCF</u> cu. ft. per day <u>0</u> bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Perforated 1980-1997, 12 shots

Fractured by B.J. Hughes; 1 MMCF N2

1,600 MCF

Coal was encountered at No Coal Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 60' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Needmore Shale Depth 1980-1997

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	1300'		
Marcellus Shale			1300'	1724'		
Purcell Member of the Marcellus Shale			1724'	1812'		
Lower Marcellus Shale			1812'	1880'		
Tioga Bentonite			1880'	1890'		
Needmore Shale			1890'	2011'		
Oriskany Sandstone ✓			2011'	2145'		
T.D.			2145'			

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SEP 21 1981

OIL AND GAS DIVISION  
DEPARTMENT OF MINES

SEP 21 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	• Remarks

Date August 18, 19 81

APPROVED Upland Resources Owner  
 Geological Consultants, Agent

*Harry White*

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil \_\_\_\_\_ Gas XXX  
(If "Gas", Production \_\_\_\_\_ Underground storage \_\_\_\_\_ Deep XXX Shallow \_\_\_\_\_  
LOCATION: Elevation: 759 Watershed: Patterson Creek  
District: Cabin Run County: Mineral Quadrangle: Headsville

WELL OPERATOR Upland Resources  
Address 1700 Benedum-Trees Bldg.  
Pittsburgh, Pa. 15222

DESIGNATED AGENT Troy A. Brady, Jr.  
Address 116 East St. Box 429  
Keyser, W. Va. 26726

OIL & GAS ROYALTY OWNER Chester & Virginia Jenkins  
Address 6000 Kalbflesh Rd.  
Middleton, Oh 45042

COAL OPERATOR No Coal  
Address \_\_\_\_\_

Acres 205  
SURFACE OWNER Same as Royalty owner  
Address \_\_\_\_\_  
Acres \_\_\_\_\_

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert S. Stewart  
Address P.O. Box 345  
Jane Lew, W. Va. 26378

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_\_\_/ lease XXX/ other contract \_\_\_\_\_/ dated Dec 7, 1976, to the undersigned well operator from Chester & Virginia Jenkins

[If said deed, lease, or other contract has been recorded:]  
Recorded on October 24, 1977, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Keyser Book 207 at page 596. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill deeper \_\_\_\_\_/ Redrill \_\_\_\_\_/ Fracture or stimulate \_\_\_\_\_/ Plug off old formation \_\_\_\_\_/ Perforate new formation \_\_\_\_\_/ Other physical change in well (specify): \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

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 § 22-2-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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.

PLEASE SWEEP COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 343-3190

*Robert Stewart*

By Robert S. Stewart  
For President- Huntley & Huntley, Inc.

BLANKET BOND

PERMITS FOR DRILLING

THIS IS AN ESTIMATE ONLY.  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR IF KNOWN: Talkington-Brady, Inc  
Address 116 East St. Box 429  
Keyser, W.Va. 26726

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 2200 feet Rotary \_\_\_\_\_ Casing tools XX  
Approximate water strata depths: Fresh 60,200 feet; salt, \_\_\_\_\_ feet.  
Approximate coal seam depths: No Coal Is coal being mined in the area? Yes \_\_\_\_\_ No XX

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Casing feet	PACKERS
	Size	Grade	Weight per ft.	New	Used	For tripping	Left in well		
Open water	8 5/8	H	24.7	XX		400	400	to surface	Kinds
Steel									Sizes
Intermediate									
Production	4.5	K	10.01	XX			2200'	to surface	Depths set
Logging									
Mineral									Perforations:
									Top Bottom

**NOTE:** Regulation 2.00 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 18, or in lieu thereof the other security allowed by Code § 20-4-2, (iii) Form IV-3, "Reclamation Plan", applicable to the reclamation required by Code § 20-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 20-4-12a, and (v) if applicable, the permits required by Code § 20-4-1a from the owner of any water well or drilling within 20 feet of the proposed well.

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 listed as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 9-8-81.

J. J. Murray  
Deputy Director - Oil & Gas Division

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DEC 19 1980

OIL & GAS DIVISION  
DEPT. OF MINES

The following action must be completed by the coal operator and by any other owner in coal leases who has executed a Declaration under Code § 20-4-01, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I T E R

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

By \_\_\_\_\_  
Its \_\_\_\_\_

*Sanvey*

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APR 5 - 1983

FORM IV-38  
(Affidavit of Plugging)

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

None  
Coal Operator or Owner

Upland Resources, Inc. c/o Westvaco Corp  
Name of Well Operator

Address

299 Park Avenue New York, NY 10171  
Complete Address

Coal Operator or Owner

Jenkins No. 1 19  
WELL AND LOCATION

Address

Cabin Run District

Chester & Virginia Jenkins  
Lease or Property Owner

Mineral County

6000 Kalbflesh Road, Middleton, OH 45042  
Address

WELL NO. 47-057-0055 - (No. 1)

Jenkins Farm

STATE INSPECTOR SUPERVISING PLUGGING Robert Stewart

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Mineral

ss:

Joseph V. Paddy and Ralph Webb

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Upland Resources, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5 day of October, 19 82, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSO PULLED LEFT IN	CSO LEFT IN
Sand & Shale 0-1300	gel & cement	squeeze perf at		
Marcellus 1300-1724		1980'-1997' with		
Purcell 1724-1812		2% CaCl for 200'		400'-8 5/8"
Marcellus 1812-1880		of well above and	951'-	
Tioga 1880-1890		including perf.	4 1/2"	1168'-4 1/2"
Needmore 1890-2011		Set 100' cement		
Oriskany 2011-		plug over 4 1/2"		
		casing left in		
T-D- 2145		hole. Set 100'		
		cement plug at		
		bottom of 8 5/8".		
		Set 100' plug to		
		surface.		
Coal Seams	Description of Monument			
(Name) None	8 5/8" casing 30" or more			
(Name)	above ground.			
(Name)	Well No - stenciled			
(Name)				

and that the work of plugging and filling said well was completed on the 15 day of December, 19 82.

And further deponents saith not.

Sworn to and subscribed before me this 29 day of March, 19 83.

*Joseph V. Paddy*  
*Ralph Webb*  
*John Marsh*  
Notary Public

My commission expires:  
April 3, 1991

Permit No. 47-057-0055

M.I.N. - 0055