

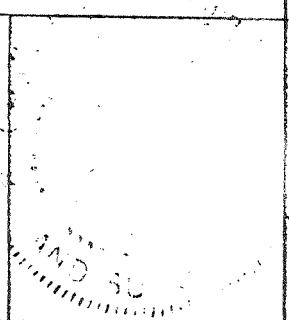
Surface & Minerals  
**RAY H. & MARGARET UMSTOT**

*75' loc*  
*2523 39°27'30"*  
*0.47W 78°50'*  
*Calc 15' loc*  
*5.405*  
*0.47W loc 3/4/2010*

Topo. 7.5 Min.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Intersection of Patterson Creek Rd & Cabin Rd.

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



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

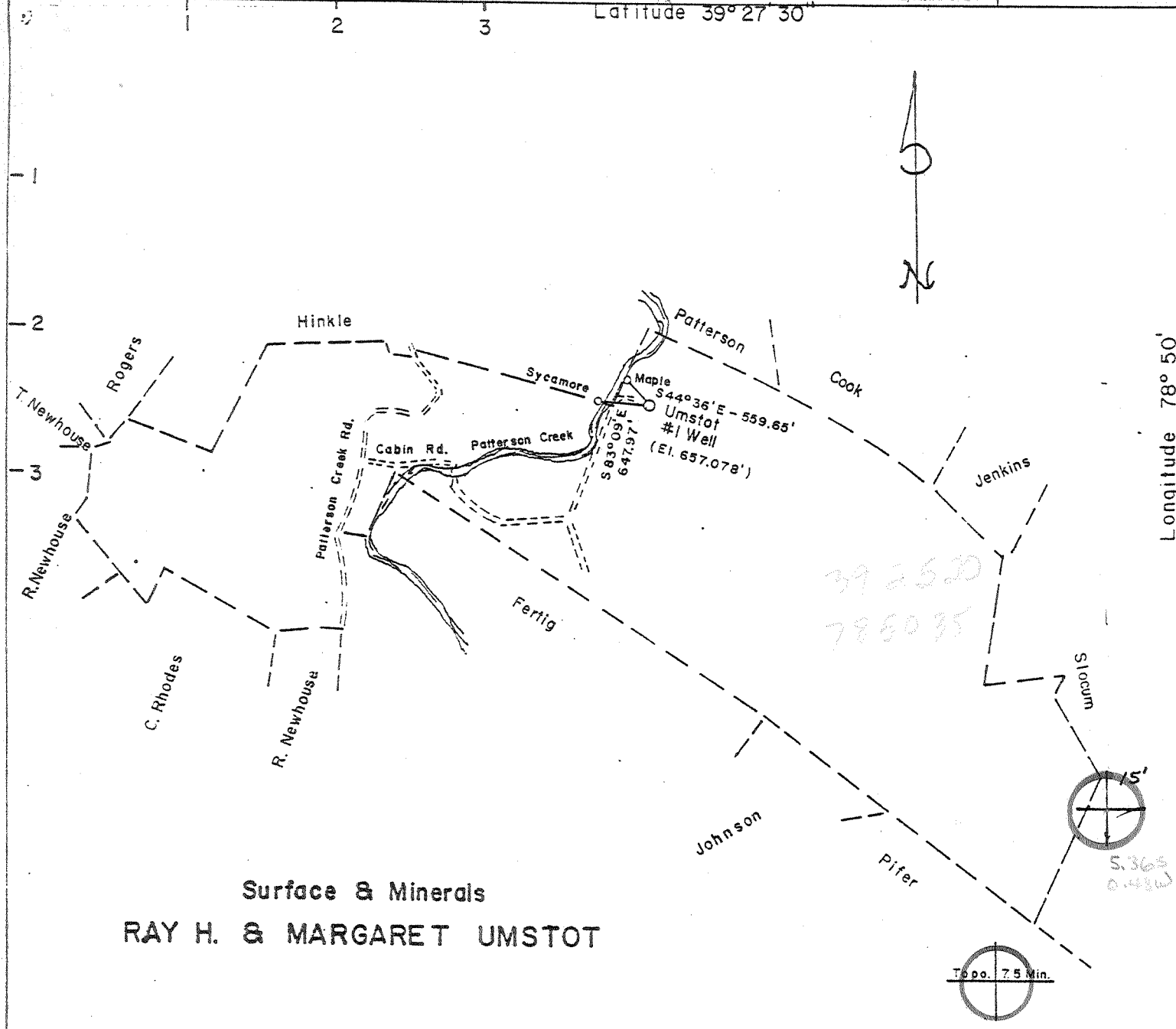
DATE Oct. 14, 1980  
 OPERATOR'S WELL NO. One  
 API WELL NO. \_\_\_\_\_  
 WV - Mineral - 0052-P  
 STATE COUNTY PERMIT

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 657.078 WATERSHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville KS 15  
 SURFACE OWNER Ray H. & Margaret Umstot ACREAGE 685.20  
 OIL & GAS ROYALTY OWNER Ray H. & Margaret Umstot LEASE ACREAGE 685.20  
 LEASE NO. 212/128  
 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. GNATED AGENT Huntley & Huntley  
 ADDRESS c/o Westvaco Corporation ADDRESS 1700 Benedum - Trees Building  
299 Park Avenue Pittsburgh, Pa. 15222  
New York, N.Y. 10171  
*DEEP WELL*  
*(355)*

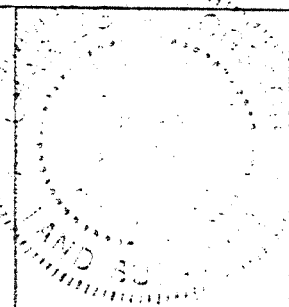
**AUG 16 1982**



Surface & Minerals  
**RAY H. & MARGARET UMSTOT**

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
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 MINIMUM DEGREE OF ACCURACY 1 in 200  
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 (SIGNED) [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. One  
 API WELL NO. 057  
 STATE WV - Mineral - 0052  
 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 657.078 WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville KS 15 NC  
 SURFACE OWNER Ray H. & Margaret Umstot ACREAGE 685.20  
 OIL & GAS ROYALTY OWNER Ray H. & Margaret Umstot LEASE ACREAGE 685.20  
 LEASE NO. 212/128  
 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 Pittsburgh, Pa. 15222 ADDRESS 1700 Benedum - Trees Building Pittsburgh, Pa. 15222

Deep Well 6-6 Headsville North (335)

JAN 21 1981



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

Quadrangle Headsville  
Permit No. 47-057-0052

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

Company Upland Resources  
Address c/o Westvaco, 299 Park Ave., NY, NY 10017  
Farm Umstot Acres 851  
Location (waters) Patterson Creek  
Well No. 1 Elev. 657'  
District Cabin Run County Mineral  
The surface of tract is owned in fee by \_\_\_\_\_  
Ray Umstot  
Address Rt. 1, Keyser, WV  
Mineral rights are owned by Same as above  
Address \_\_\_\_\_  
Drilling Commenced \_\_\_\_\_  
Drilling Completed June 22, 1981  
Initial open flow 0 cu. ft. 0 bbls.  
Final production 1 MCF cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			Cement to Surface  150 sks
Cond. 13-10"			
9 5/8			
8 5/8	400'	400'	
7			
5 1/2			
4 1/2		1780'	
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.  
Perforated 1663-68, 6 shots; 1704-09, 6 shots 1,000 MCF?  
Fractured by Halliburton & B.J. Hughes  
Water Foam Frac, 180 bbls. Tophole Fluid  
300 sks, 20/40 sand

Coal was encountered at No Coal Feet \_\_\_\_\_ Inches \_\_\_\_\_  
 Fresh water 30' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Oriskany Sandstone Depth 1662'-1709'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sandstone & Shale			0	1100'		
Marcellus Shale			1100'	1368'		
Purcell Member of the Marcellus Shale			1368'	1452'		
Lower Marcellus Shale			1452'	1523'		
Tioga Bentonite			1523'	1534'		
Needmore Shale			1534'	1658'		
Oriskany Sandstone			1658'	1794'		
T.D.				1794'		

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AUG 28 1981

OIL AND GAS DIVISION  
WV 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

*Handwritten signature*

[68-70]

Operator's Well No. \_\_\_\_\_  
API Well No. 057 - 0052  
State County Permit

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil \_\_\_\_\_ Gas XX  
 (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ Deep XX Shallow \_\_\_\_\_)

LOCATION: Elevation: 657' Watershed: Patterson Creek  
 District: Cabin Run County: Mineral Quadrangle: Headsville  
UPLAND RESOURCES, INC.

WELL OPERATOR Huntley & Huntley, Inc. DESIGNATED AGENT Troy A. Brady, Jr.  
 Address 1700 Benedum-Trees Bldg. Address P. O. Box 371  
Pittsburgh, Penna. 15222 Buckhannon, W. Va. 26201

OIL & GAS ROYALTY OWNER Ray & Margaret Umstot COAL OPERATOR None  
 Address Rt. 1, Box 197 Address \_\_\_\_\_  
Keyser, W. Va. 26726

ACREAGE 685 COAL OWNER(S) WITH DECLARATION ON RECORD \_\_\_\_\_  
 SURFACE OWNER Ray & Margaret Umstot Name \_\_\_\_\_  
 Address Same as above Address \_\_\_\_\_  
 Acreage \_\_\_\_\_ Name \_\_\_\_\_

FIELD SALE (IF MADE) TO: \_\_\_\_\_ Address OIL & GAS DIVISION  
 Name \_\_\_\_\_ DEPT. OF MINES  
 Address \_\_\_\_\_ COAL LESSEE WITH DECLARATION ON RECORD: \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

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

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NOV 10 1980

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_\_\_ / lease XX / other contract \_\_\_\_\_ / dated Sept. 5, 1978, to the undersigned well operator from Ray & Margaret Umstot

[If said deed, lease, or other contract has been recorded:]

Recorded on Sept. 6, 1978, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Keyser Book 212 at page 129. 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 SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
 WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
 1615 WASHINGTON STREET EAST  
 CHARLESTON, WV 25311  
 TELEPHONE: (304) 3-2-3095

HUNTLEY & HUNTLEY, Inc., Agent for:  
 Upland Resources, Inc.

*Tracy Bartholomew, II*

By Tracy Bartholomew, II  
 Vice President - Operations

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) TALKINGTON-BRADY, INC.  
Address P. O. Box 371  
Buckhannon, W. Va. 26201

GEOLOGICAL TARGET FORMATION, Oriskany  
Estimated depth of completed well, 2400 ± feet Rotary      Cable tools XX  
Approximate water strata depths: Fresh, 40-200 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 (Cubic Feet)	PACKERS
	Size	Grade	Weight per Ft	New	Used	For drilling		
Conductor								Kinds
Fresh water	8-5/8" H		24.7#	XX		400'	400'	To Surface
Coal								Sizes
Intermediate	4-1/2" K		10.01#	XX			2400'	To Surface
Production								Depths set
Lining								
Liners								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 10, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-3, "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 § 22-4-2a from the owner of any water well or dwelling within 200 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 or 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.

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 8-23-81.

*J. H. Haggerty*  
Deputy Director of Gas Division

The following waiver must be completed by the coal operator and by the 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:

W A I V E R

The undersigned coal operator      owner      / lessee      of the coal under this well have 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.

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

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APR 5 - 1983

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  
Address  
Coal Operator or Owner  
Address  
Ray Umstot  
Lease or Property Owner  
Route 1 Box 197, Keyser WY 26726  
Address

Upland Resources, Inc. c/o Westvaco Corp  
Name of Well Operator  
299 Park Avenue, New York, NY 10171  
Complete Address  
Umstot No. 1 19  
WELL AND LOCATION  
Cabin District  
Mineral County  
WELL NO. 47-057-0052 - (No. 1)  
Umstot Farm

STATE INSPECTOR SUPERVISING PLUGGING Robert Stewart

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Mineral

ss:

Joseph V. Peddy 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 19 day of August, 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	
			CSG PULLED	CSG LEFT IN
Sandstone & Shale 0-1100	gel & cement	squeeze perf at 1662'-1718' with 2% CaCl for 200' of well above and including perf.	335'	8 5/8"
Marcellus 1100-1368		Set 100' cement plug over 4 1/2" casing left in hole. Set 100' cement plug at bottom of 8 5/8".	4 1/2"	445'
Purcell 1368-1452		Set 100' cement plug to surface.		
Marcellus 1452-1523				
Tioga 1523-1534				
Needmore 1534-1658				
Oriskany 1658-1794				
T-D-1794				
Coal Seams		Description of Monument		
(Name) None		8 5/8" casing 30" or more above surface.		
(Name)		Well No - stenciled.		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 5 day of October, 19 82.

And further deponents saith not.

Sworn to and subscribed before me this 28 day of March, 19 83.

Joseph V. Peddy  
Ralph C. Webb  
John Marshall  
Notary Public

My commission expires:  
April 3, 1991

Permit No. 47-057-0052

M.N. 0052