

7.5' loc  
 1545 39°22'30"  
 1.59W 78°52'30"  
 Wc 15' loc 4425  
 382W

Surface & Minerals  
 PAUL H. MICHAEL  
 146/103 294 Ac.

(15') 78° 50'  
 Longitude 78° 52' 30"

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

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) Charles L. Loden  
 R.P.E. \_\_\_\_\_ L.L.S. 69

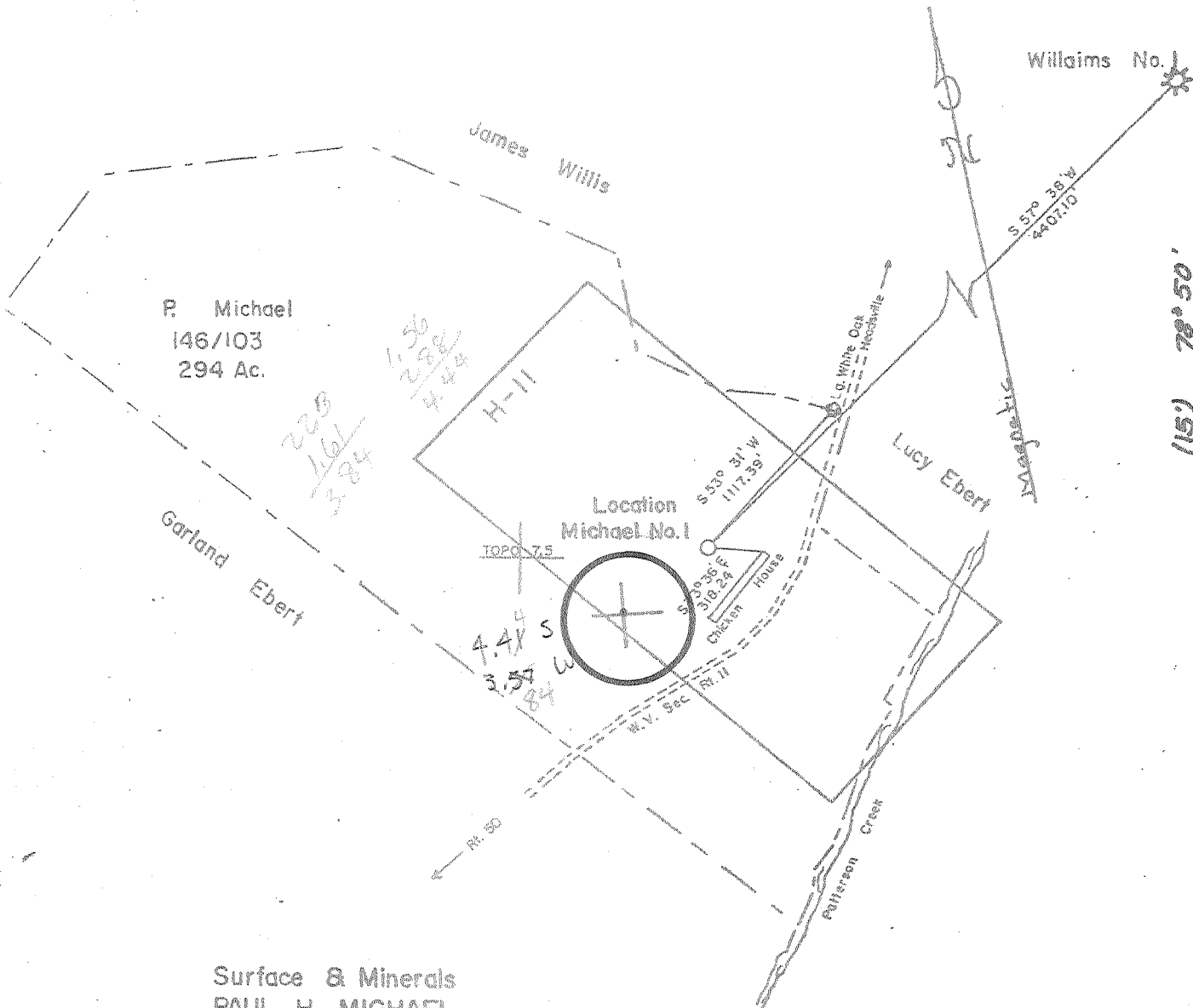
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 DATE Dec. 17, 1979  
 OPERATOR'S WELL NO. (1)  
 API WELL NO. 47-057-0033-P  
 STATE COUNTY PERMIT

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 825.73 WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Burlington 7 1/2, KEYSER 15'  
 SURFACE OWNER Paul H. Michael ACREAGE 294  
 OIL & GAS ROYALTY OWNER Paul H. Michael LEASE ACREAGE 294  
 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 REFLUG \_\_\_  
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH TD 2400±  
 WELL OPERATOR Upland Resources, Inc. DESIGNATED AGENT TROY A BRADY JR  
 ADDRESS 1700 Benedum-Trees Building ADDRESS P.O. BX 371  
Pittsburgh Pa. 15222 BUCKHANNON WV. 26201  
 DEEP WELL 6-0 Headsville (302)

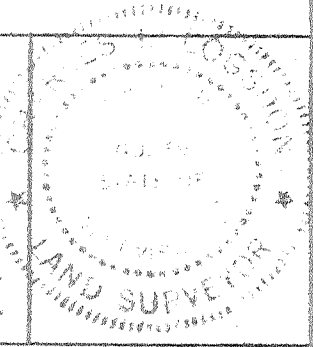
MAY 17 1982



Surface & Minerals  
 PAUL H. MICHAEL  
 146/103 294 Ac.

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 DRAWING NO. \_\_\_\_\_  
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 (SIGNED) Elmer P. Linder  
 R.P.E. \_\_\_\_\_ I.L.S. 69



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 DATE Dec 17, 1979  
 OPERATOR'S WELL NO. 0  
 API WELL NO. 47-057-0033  
 STATE COUNTY PERMIT \_\_\_\_\_

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
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 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH TD 2400'  
 WELL OPERATOR Upland Resources, Inc. DESIGNATED AGENT TEBY A BRADY JR  
 ADDRESS 1700 Benedum - Trees Building ADDRESS P.O. Box 971  
Pittsburgh Pa. 15222 BUCKHANNON WV 26201

# DRILLER'S RECORD

Previously Requested, but NOT  
AVAILABLE

DATE: \_\_\_\_\_

057  
COUNTY

33  
PERMIT



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: 825.73' Watershed: Patterson Creek  
District: Cabin Run County: Mineral Quadrangle: Burlington

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

OIL & GAS ROYALTY OWNER Paul H. Michael COAL OPERATOR No Coal  
Address Burlington, W.Va. Address \_\_\_\_\_

Acresage 294 COAL OWNER(S) WITH DECLARATION ON RECORD:  
SURFACE OWNER Same Name NA  
Address \_\_\_\_\_

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

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

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

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 May 16, 1978, to the undersigned well operator from Paul H. Michael & Laraine Michael

[If said deed, lease, or other contract has been recorded:]  
Recorded on May 18, 1978, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Keyser Book 210 at page 355. 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 § 20-2-3 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.

Huntley & Huntley, Inc. agents for  
Upland Resources, Inc.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WY 25311  
TELEPHONE: (304) 349-3192

Troy A. Brady Jr., Vice President  
Well Operator

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

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY.  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-15 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Talkington-Brady, Inc.  
Address P.O. Box 371  
Buckhannon, W.Va. 26201

GEOLOGICAL TARGET FORMATION, Oriskany Formation

Estimated depth of completed well, 2400' feet Rotary  Cable tools  XX  
Approximate water strata depths: Fresh, 50' feet; salt, \_\_\_\_\_ feet.  
Approximate coal seam depths: NO Coal Is coal being mined in the area? Yes \_\_\_\_\_ No  X

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	A		X		400'	400'	Cement to Surface
Coal								Sizes
Intermediate								
Production	4.5"		10.5	X		2400'	2400'	Cement to surface
Tubing								
liners								Perforations:
								Top Bottom

NOTE: Regulation 7.08 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 plan 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 § 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 § 22-4-13a, and (v) if applicable, the consent required by Code § 22-4-1a 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 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.

**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 9-2-80.

Robert H. [Signature]  
Deputy Director - Oil & Gas Division

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 § 22-4-27, 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 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 \_\_\_\_\_

**RECEIVED**  
APR 5 - 1983

FORM IV-38  
(Affidavit of Plugging)

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

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

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  
Paul H. Michael  
Lease or Property Owner  
Burlington, WV  
Address

Upland Resources, Inc  
Name of Well Operator  
c/o Westvaco Corp. 299 Park Ave New York 10171  
Complete Address  
Michael No. 1 19  
WELL AND LOCATION  
Cabin Run District  
Mineral County  
WELL NO. 47-057-0033 (No. 1)  
Michael 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 25 day of May, 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 APT IN	CSO LEFT IN
Sand & Shale 0- 648	Gel & cement	squeeze perf to	470'	
Selinsgrove Limestone 648- 748		1178'-1313' with	4 1/2"	400'-
Marcellus Shale 748- 816		25 sks of 2% CaCl		8 5/8"
Tioga Metabenite 816- 840		cement for 200'		856'-
Onondoga Limestone 840- 856		of well above and	4 1/2"	
Tioga Limestone 856- 876		including perf.		
Selinsgrove Limestone 876- 898		Set 100' cement		
Marcellus Shale 898-1000		plug over 4 1/2"		
Tioga Metabenite 1000-1037		casing left in		
Onondoga Limestone 1037-1051		hole. Set 100'		
Needmore Shale 1051-1172		cement plug at		
Oriskany Sandstone 1172-1294		bottom of 8 5/8".		
Helderburg Limestone 1294		Set 100' cement		
		plug to surface.		
T-D-1362				
Coal Seams		Description of Monument		
(Name) None		8 5/8" dia casing		
(Name)		30" or more above ground		
(Name)		Well No - stenciled		
(Name)				

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

And further deponents saith not.

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

J. V. Peddy  
Ralph Webb  
Notary Public

My commission expires:  
April 3, 1991

Permit No. 47-057-0033

M.I.N. 0033