



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1 in 200'  
 Source of Elevation Spot elev. - BR-718, 2300' NE of Location along W.Va. Co. Rte. # 10.  
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia." Rexford L. Ostrander

Company 340 Huntley & Huntley Inc. Upland Resources, Inc.  
 Address 201 - 4th Ave., Broomfield - Trades Bldg. P.O. Box 98, Penna. 15222  
 Farm William D. Spoomaker  
 Tract      Acres 83 Lease No.       
 Well (Farm) No. Spoomaker #1 Serial No.       
 Elevation (Spirit Level) 931.0'  
 Quadrangle Rooney, KEYSER 15'  
 County Mineral District Cabin Run  
 Engineer Rexford L. Ostrander  
 Engineer's Registration No. LLS # 555  
 File No. 0-205-01 Drawing No. DR-10  
 Date 19 March '79 Scale 1" = 1000'

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

**WELL LOCATION MAP**  
 FILE NO. 47-058-0023  
47-057-0023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

APR 1 0 1979

Deep Well 2300' distance 64 Headsville South (302)



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

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

Quadrangle ROMNEY 7-1/2'  
Permit No. MIN-23

Company <u>UPLAND RESOURCES, INC., c/o HUNTLEY &amp; HUNTLEY, INC.</u>	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>1700 Benedum-Trees Bldg., Pittsburgh, Pa.</u>			
Farm <u>Wm. O. &amp; Carole L. Shoemaker Acres 83 (15222)</u>			
Location (waters) <u>Beaver Run</u>			
Well No. <u>1</u> Elev. <u>931' S.L.</u>	Size		
District <u>Cabin Run</u> County _____	<u>20-16</u>		
The surface of tract is owned in fee by <u>William O. and Carole L. Shoemaker</u>	Cond.		
Address <u>Route 1, Box 82, Burlington, W. Va. 26710</u>	<u>13-10"</u>		
Mineral rights are owned by <u>SAME</u>	<u>9 5/8</u>	<u>403'</u>	<u>403'</u> Cemented to surface
Drilling Commenced <u>June 25, 1979</u>	<u>8 5/8</u>		
Drilling Completed <u>July 18, 1979</u>	<u>7</u>		
Initial open flow <u>2264 MCF</u> cu. ft. --- bbls.	<u>5 1/2</u>		
Final production <u>2264 Mcu. ft.</u> per day --- bbls.	<u>4 1/2</u>		
Well open <u>6</u> hrs. before test <u>475#</u> RP.	<u>3</u>		
	<u>2</u>		
	Liners Used		

Well treatment details: Attach copy of cementing record.  
Halliburton cemented 403' of 8-5/8" casing to surface  
Well blew in 2264 MCF naturally upon encountering the top of the Oriskany Formation and was shut in (for safety reasons). No attempt at completion is anticipated, well was not logged.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 120' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany Formation Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
DRILLER'S LOG:						
SAND & SHALE			0'	1405'	Fresh Water @ 120'	
MUDLOGGER'S REPORT:						
(Starting @ 1405' in MARCELLUS)						
MARCELLUS SHALE			?	1655'		
TIOGA METABENTONITE			1655'	1684'		
NEEDMORE SHALE			1684'	1793'		
ORISKANY SANDSTONE			1793'	1793'		Well blew in upon encountering Oriskany FM. @ 1793'
TOTAL DEPTH				1793'		

(over)

\* Indicates Electric Log tops in the remarks section.

AUG 13 1979



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED  
MAR 23 1979  
OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

Surface Owner Wm. O. and Carole L. Shoemaker  
Address Rt. 1, Box 82, Burlington, W. Va. 26710  
Mineral Owner Same as above  
Address \_\_\_\_\_  
Coal Owner No Coal  
Address \_\_\_\_\_  
Coal Operator Not Applicable  
Address \_\_\_\_\_

DATE March 21, 1979  
Company Upland Resources, Inc.  
c/o Huntley & Huntley, Inc.  
Address 1700 Benedum-Trees Bldg., Pgh., Pa. 15222  
Farm Wm. & Carole Shoemaker Acres 83  
Location (waters) Beaver Run  
Well No. -1- Elevation 931 S.L.  
District Cabin Run County Mineral  
Quadrangle Romney

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 11-26-79.

INSPECTOR  
TO BE NOTIFIED Robert S. Stewart  
ADDRESS P. O. Box 345, Jane Lew, W. Va. 26378  
PHONE (304)-884-7782

[Signature]  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated April 11, 1977 by Wm. O. and Carole L. Shoemaker made to Upland Resources, Inc. and recorded on the 11 day of November 1977, in Mineral County, Book 207 Page 844

XXX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

W. VA. OIL & GAS CONSERVATION COMMISSION  
1613 WASHINGTON STREET, EAST  
CHARLESTON, WEST VIRGINIA 25311

Address  
of  
Well Operator

Very truly yours,  
(Sign Name) [Signature]  
Well Operator President  
1700 Benedum-Trees Building  
Street  
Pittsburgh  
City or Town  
Pennsylvania 15222  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-057-0023 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]

**THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Talkington-Brady, Inc. NAME Troy A. Brady, Jr.  
 ADDRESS P.O. Box 371, Buckhannon, W.Va. 26201 ADDRESS P.O. Box 371, Buckhannon, W.Va. 26201  
 TELEPHONE (304)-472-4677 TELEPHONE (304)-472-4677  
 ESTIMATED DEPTH OF COMPLETED WELL: 2,300' ROTARY \_\_\_\_\_ CABLE TOOLS XXX  
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XXX COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	400	400	Cement to Surface
7			
5 1/2			
4 1/2	2,200	2,200	Cement thru Onandaga
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 165 & 255 FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS None  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

**TO DRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

**TO DRILL DEEPER OR REDRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

**TO FRACTURE - STIMULATE:**

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title