



Note: Boundary plotted by deed reference. Deed call S18°E was found to be S6°59'W. That the bearing was measured along a boundary line fence.

7.5' loc  
 1.325 35° 27' 30"  
 0.77W 78° 50'  
 calc 15' loc 4.205 78° 22' 30"  
 0.77W 2010

Minimum Error of Closure 1 in 200  
 Source of Elevation Bench mark at bridge at Reeses Mill Crossing Patterson Creek. El. = 657'  
 "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 Upland Resources, Inc.  
 Address 1780 Benedum - Trees Bldg. Pittsburgh, Penna. 15222  
 Farm John L. Smith Tract  
 Tract \_\_\_\_\_ Acres 371.5 Lease No. \_\_\_\_\_  
 Well (Farm) No. Smith No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 710 feet NC  
 Quadrangle Headsville (West Keiser 15 min.)  
 County Mingo District Cabin Run  
 Engineer Rexford L. Ostrander, LLS  
 Engineer's Registration No. LLS No. 555  
 File No. 0-205.01 Drawing No. UR-1  
 Date 19 Oct., 1977 Scale 1"=1000'

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

WELL LOCATION MAP  
 FILE NO. MIN-13

+ 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.

47-057 NOV 7 1977



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Headsville

Permit No. MIN-13

Company <u>Upland Resources, Inc. c/o Huntley-Huntley</u> <small>(casing and tubing)</small>	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>1700 Benedum Trees Bldg. Pitts. Pa.</u>			
Farm <u>John &amp; Gertrude Smith</u> Acre <u>371.5</u>			
Location (waters) <u>Patterson Creek</u>			
Well No. <u>#1</u> Elev. <u>710'</u>	Size		
District <u>Cabin Run</u> County <u>Mineral</u>	20-16		
The surface of tract is owned in fee by <u>Same</u>	Cond.		
<u>as above</u>	13-10"		
Address _____	9 5/8		
Mineral rights are owned by <u>John &amp; Gertrude Smith</u>	8 5/8	<u>226'</u>	cemented
Address <u>Rt. 1, Burlington, W. VA</u>	7	<u>1705'</u>	
Drilling Commenced <u>Nov. 4, 1977</u>	5 1/2		
Drilling Completed <u>Dec. 13, 1977</u>	4 1/2		
Initial open flow <u>5</u> cu. ft. _____ bbls.	3		
Final production <u>1,007,000</u> cu. ft. per day _____ bbls.	2		
Well open <u>72</u> hrs. before test _____ RP.	Liners Used		
Well treatment details: <u>None</u>			

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 85 Feet 270'-280' Salt Water None Feet None  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Slale & Lime			0	1640		
Shale, Black			1640	1785		Blowout at 1730'
Lime			1785	1901		
Sand			1901			Oriskany Hard, show of gas 1902' to 1906', gas blew tools up hole 150 ft. at 1915'-1919'.
Total Depth			1920			

*Cabot sent this record to us 7-28-97*



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
OCT 24 1977

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 20, 1977

Surface Owner John L. & Gertrude E. Smith

Company Upland Resources, Inc.  
c/o Huntley & Huntley, Inc.

Address Rt. 1, Burlington, W. VA 26710

Address 1700 Benedum-trees Bldg., Pgh., Pa.

Mineral Owner SAME

Farm John L. & Gertrude E. Smith Acres 371.5

Address SAME

Location (waters) Patterson Creek

Coal Owner No Coal

Well No. #1 Elevation 710'

Address \_\_\_\_\_

District Cabin Run County Mineral

Coal Operator Not Applicable

Quadrangle Headsville

Address \_\_\_\_\_

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 2-26-78.

Bill Hatfield

304-472-4268 P. O. Box 385, Buckhannon  
INSPECTOR TO BE NOTIFIED W. VA 26201

PH: \_\_\_\_\_ ADDRESS \_\_\_\_\_

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 October 13, 1976 by John L. and G.E. Smith made to Upland Resources, Inc. and recorded on the 24 day of October 1977, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

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.

Very truly yours, Huntley & Huntley, Inc. Agent For  
Upland Resources, Inc.  
(Sign Name) [Signature]  
Well Operator President

Address 1700 Benedum-Trees Building  
of Street  
Well Operator Pittsburgh  
City or Town  
Pennsylvania 15222  
State

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:  
W. VA. OIL & GAS CONSERVATION COMMISSION  
1613 WASHINGTON STREET, EAST  
CHARLESTON, WEST VIRGINIA 25311

BLANKET BOND

\*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.

Min-13 PERMIT NUMBER  
47-057

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

PROPOSED WORK ORDER TO 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 ADDRESS P. O. Box 371, Buckhannon, W. VA  
 TELEPHONE 304-472-4677 TELEPHONE 304-472-4677  
 ESTIMATED DEPTH OF COMPLETED WELL: 2000' ROTARY \_\_\_\_\_ CABLE TOOLS   
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  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	50' ft.		
9 - 5/8			
8 - 5/8	200 ft.		cement to surface
7			
5 1/2			
4 1/2	2000 ft.		
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS No Coal \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? N/A

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 N/A 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