

Refer to deed book 59/267
for boundary description.
William R. Leatherman
(R Fenced)

New Location
Drill Deeper
Abandonment

Minimum Error of Closure 1 in 200
Source of Elevation B.M. 686 east of Headsville.

"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*

Upland Resources, Inc.
P.O. Box 429
Keyser, wva. 26726-0429

Farm William R. Leatherman

Tract Acres 243 Lease No.

Well (Farm) No. one Serial No.

Elevation (Spirit Level) 892.5'

Quadrangle Keyser, wva., 7 1/2

County Mineral District Cabin Run

Surveyor Engineer Rexford L. Ostrander

Surveyor's Engineer's Registration No. 44555

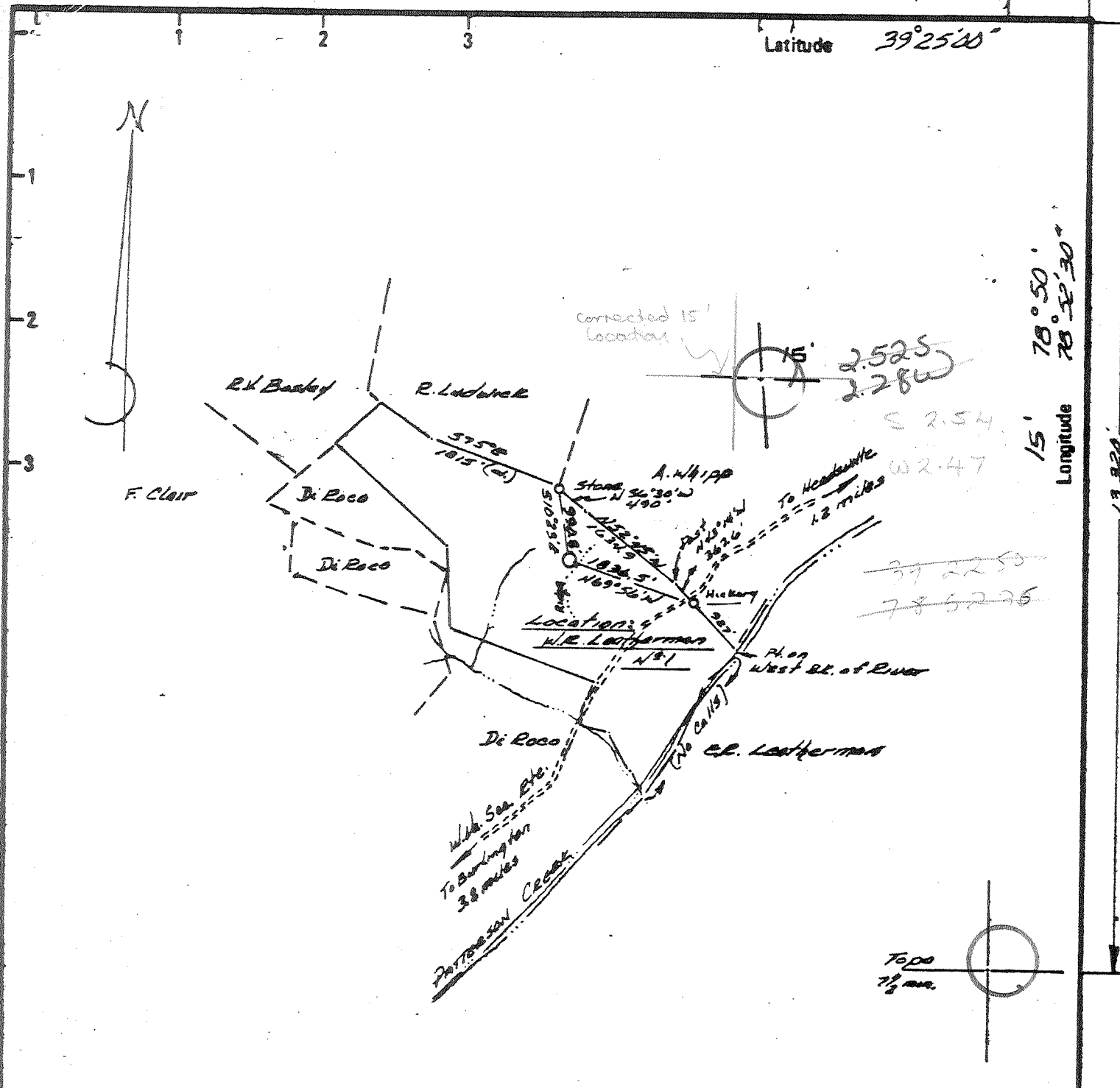
File No. D-205.01 Drawing No. UR-4

Date 1 July 1998 Scale 1" = 2000'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
NITRO, WEST VIRGINIA 25143

WELL LOCATION MAP
CPD Well 76 47-059-00017 P
Well Drilled 8/1/79 to 2/1/79
to 2308' TD.
Production from Redmoor Shale
and Marcellus. 1445'-1985'

JUL 2 1998



Refer to deed book 59/267
 For boundary Description.
 William R. Leatherman
 (R. Fenced)

New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>1 in 200</u> Source of Elevation <u>B.M. 626 east of Headsville</u> "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." <u>Richard L. Ostrander</u>
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Company	<u>UPLAND RESOURCES, INC.</u>	
Address	<u>1700 Benedum - Times Bldg. Pittsburgh, Penna. 15222</u>	
Farm	<u>William R. Leatherman</u>	
Tract	<u>—</u> Acres <u>243</u>	Lease No. <u>—</u>
Well (Farm) No.	<u>one</u>	Serial No. <u>—</u>
Elevation (Spirit Level)	<u>892.5'</u>	
Quadrangle	<u>Keyser, W.Va., 7 1/2 15 C</u>	
County	<u>Mineral</u>	District <u>Cabin Run</u>
Surveyor	<u>Richard L. Ostrander</u>	
Engineer's Registration No.	<u>22555</u>	
File No.	<u>0-205.01</u>	Drawing No. <u>UR-4</u>
Date	<u>1 July 1978</u> Scale <u>1" = 200'</u>	

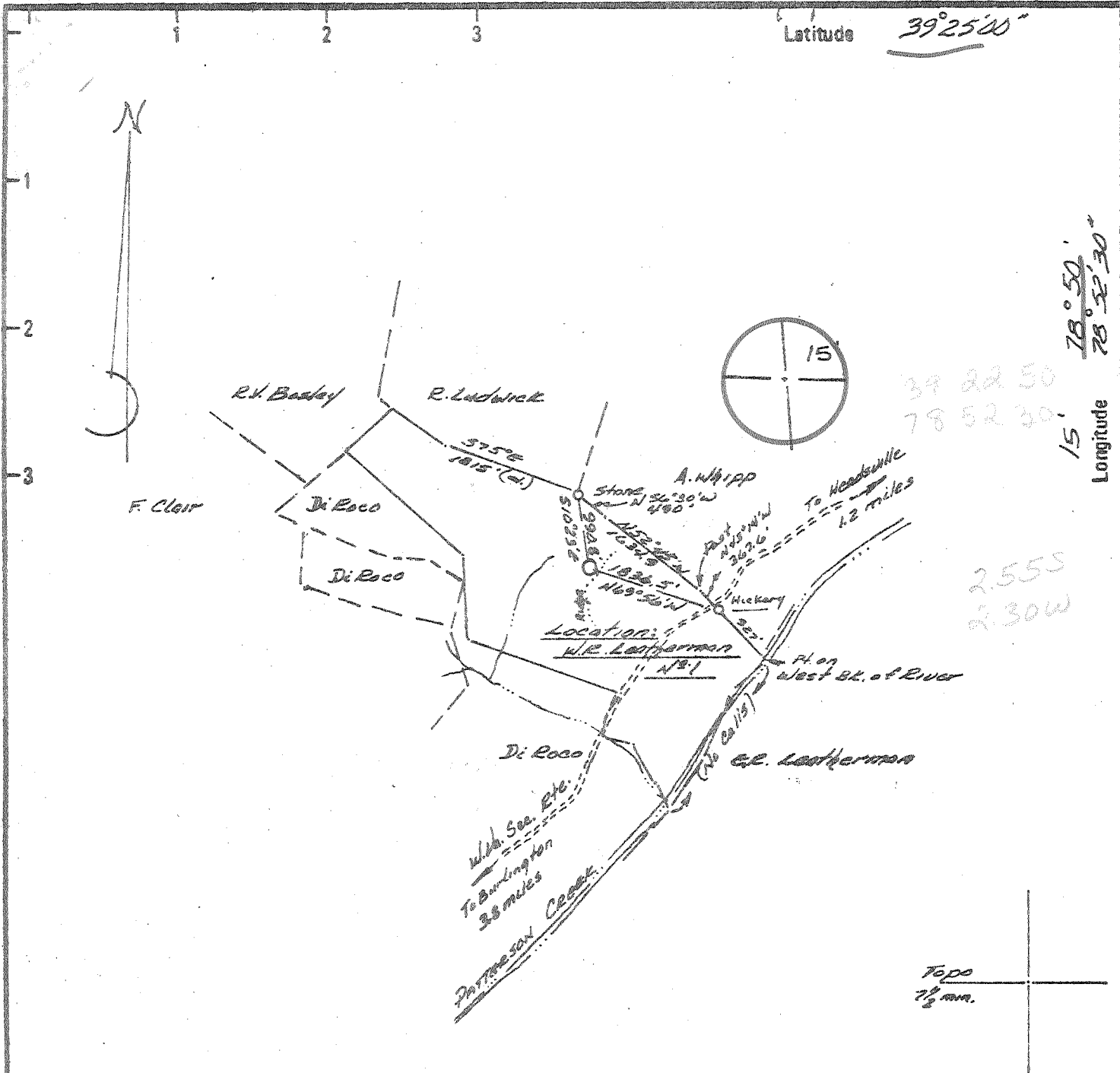
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MIN-17-Frac.
057

+ 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



Latitude 39°25'00"

Longitude 78°52'30"

39 22 50
78 52 30

2.55S
2.30W

Refer to dead book 59/267
for boundary description
William R. Leatherman
(R Fenced)

Minimum Error of Closure 1 in 200
Source of Elevation BM-686 east of Headsville.

"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*

New Location
 Drill Deeper
 Abandonment

Company UPLAND RESOURCES, INC.
 Address 1700 Benedum - Taces Bldg. Pittsburgh, Penna. 15222
 Farm William R. Leatherman
 Tract — Acres 243 Lease No. —
 Well (Farm) No. one Serial No. —
 Elevation (Spirit Level) 892.5'
 Quadrangle Keyser, W.Va. 7 1/2 15
 County Mineral District Cabin Run
 Surveyor Rexford L. Ostrander
 Engineer's Registration No. WV-555
 File No. D-205.01 Drawing No. UR-4
 Date 1-4-1978 Scale 1" = 2000'

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

WELL LOCATION MAP
 FILE NO. MIN-17

+ 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 JUL 31 1978
 Tape 5 File 20

Deep Well 2050' River Run 66 Headsville (302)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED
JUL - 9 1979
47-057-0017
OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Keyser

Permit No. MIN-017
(057)

Rotary _____ Oil _____
Cable XX Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Upland Resources, Inc.
Address 1700 Benedum-Trees Bldg., Pgh, PA 15222
Farm William R. Leatherman Acres _____
Location (waters) Patterson Creek
Well No. -1- Elev. 892.5'
District Cabin Run County Mineral
The surface of tract is owned in fee by William R. Leatherman
Address Rt. 1, Box 110, Burlington, W.V. 26710
Mineral rights are owned by SAME
Address _____
Drilling Commenced 8-7-78
Drilling Completed 2-1-79
Initial open flow 25 MCF cu. ft. _____ bbls.
Final production 133 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			
Cond. 13-10"			
9 5/8			
8 5/8	418'7"	418'7"	Cemented to surface (8/16/78)
7			
5 1/2			
4 1/2		2290'	105 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforations: 2142' - 2146' 5 shots; 2148' - 2156' 9 shots; 2158' 1 shot Oriskany FM.
Fraced performed by Halliburton; Reworked by Dowell

Coal was encountered at NONE Feet _____ Inches _____
Fresh water 370' - 380'; 750' Feet _____ Salt Water NONE Feet _____
Producing Sand ORISKANY FORMATION Depth 2142-58

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
ELECTRIC LOG RECORD:						
HAMILTON FM			0	1423'	FRESH WATER	370 - 380'
MARCELLUS SHALE			1423'	1787'		750'
TIOGA MENTABENTONITE			1787'	1808'		
ONANDAGA			1808'	1820'		
NEEDMORE SHALE			1820'	1972'		
ORISKANY SANDSTONE			1972'	2196'		
HELDERBERG LIMESTONE			2196'	2308'		
TOTAL DEPTH			2308'		TOTAL DEPTH 2308'	

RECEIVED
JUL 18 1979
OIL & GAS DIVISION
DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUL 10 1978
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner William R. Leatherman
Address Route 1, Box 110, Burlington, W.Va. 26710
Mineral Owner SAME
Address _____
Coal Owner NO COAL
Address _____
Coal Operator NOT APPLICABLE
Address _____

DATE July 5, 1978
Company Upland Resources, Inc.
c/o Huntley & Huntley, Inc.
Address 1700 Benedum-Trees Bldg., Pgh. PA 15222
Farm William R. Leatherman Acres 243
Location (waters) Patterson Creek
Well No. -1- Elevation 892.5'
District Cabin Run County Mineral
Quadrangle Keyser

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 11-17-78

Deputy Director - Oil & Gas Division

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

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 January 23 1975 by William R. Leatherman made to Columbia Gas Trans. Corp. and recorded on the 20th day of February 1975, in Mineral County, Book 195 Page 703

XXXX 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 *Original signed by* GEOPHYSICAL LOGS DIRECTLY TO: *Very truly yours, Huntley & Huntley, Inc., Agent for Upland Resources, Inc.*

(Sign Name) Robert S. Stewart President
Well Operator President
1700 Benedum-Trees Bldg.
221 Fourth Avenue

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

Address of Well Operator
Street Pittsburgh
City or Town
State Pennsylvania 15222

*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

"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 _____

MIN-17 PERMIT NUMBER
47-057

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

PROPOSED WORK ORDER TO XXXX 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: 2050' ROTARY _____ CABLE TOOLS XXXX
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XXXX 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	60 feet	60 feet	cement to surface
9 - 5/8			
8 - 5/8	300 feet	300 feet	cement to surface
7	900 feet		
5 1/2			
4 1/2	2050 feet		
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75 FEET _____ SALT WATER 275 FEET _____
 APPROXIMATE COAL DEPTHS NO COAL
 IS COAL BEING MINED IN THE AREA? NOT APPLICABLE BY WHOM? NOT APPLICABLE

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 NOT APPLICABLE 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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 26, 1981

Surface Owner William R. Leatherman
Address Rt. 1, Box 110, Burlington, WV
Mineral Owner Same as above
Address _____
Coal Owner N/A
Address _____
Coal Operator N/A
Address _____

Company Upland Resources, c/o Westvaco
Address 299 Park Ave., NY, NY 10017
Farm William R. Leatherman Acres 243
Location (waters) Patterson Creek
Well No. 1 Elevation 892.5'
District Cabin Run County Mineral
Quadrangle Keyser 7 1/2

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 fracturing. This permit shall expire if operations have not commenced by 5-10-82.

INSPECTOR TO BE NOTIFIED Robert Stewart

ADDRESS P.O. Box 345, Jane Lew, WV

PHONE 884-7782

J. J. Murray
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 On File 19 by made to and recorded on the day of 19 , in County, Book Page

 NEW WELL DRILL DEEPER REDRILL XXX 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, Upland Resources
Geological Consultants, Agent

(Sign Name)
Well Operator

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 -348-3092 348-3096

Address of Well Operator

Street

City or Town

State

RECEIVED

AUG 28 1981

*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.

"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

47-057-0017 - Frac PERMIT NUMBER

Blanket Bond Number on File

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XXX FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME _____
 ADDRESS _____ ADDRESS _____
 TELEPHONE _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS XXX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT CHUTE OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	418'	418'	Cement to Surface
7			
5 1/2			
4 1/2		2290'	105 sks <u>229</u> SKS
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 380 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS No. Coal
 IS COAL BEING MINED IN THE AREA? _____ 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



IV-35
(Rev 8-81)

RECEIVED

OCT 13 1981 State of West Virginia

OIL AND GAS DIVISION Department of Mines
WV DEPARTMENT OF MINES Oil and Gas Division

Date October 9, 1981

Operator's

Well No. 1

Farm Leatherman

API No. 47 - 057 - 0017

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 893' Watershed Patterson Creek
District: Cabin Run County Mineral Quadrangle Keyser

COMPANY Upland Resources %Westvaco
ADDRESS 299 Park Ave., N.Y., N.Y. 10017
DESIGNATED AGENT T. Brady
ADDRESS P.O. 1016, Keyser, W.Va. 26726
SURFACE OWNER William R. Leatherman
ADDRESS Rt. 1, Box 110, Burlington, W.Va. 26710
MINERAL RIGHTS OWNER Same as above
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK _____
R. Stewart ADDRESS Jane Lew, W.Va.
PERMIT ISSUED _____
DRILLING COMMENCED 8/7/78
DRILLING COMPLETED 2/1/79
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	419	419	surface
7			
5 1/2			
4 1/2		2290	105 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Sandstone Depth 1972 feet
Depth of completed well 2308 feet Rotary ___ / Cable Tools XXX
Water strata depth: Fresh 380'; 750 feet; Salt ___ feet
Coal seam depths: No Coal Is coal being mined in the area? ___

OPEN FLOW DATA

Producing formation Marcellus & Needmore Shale Pay zone depth 1445-1985 feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 15 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests -- hours
Static rock pressure -- psig (surface measurement) after -- hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

OCT 29 1981

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Bridge Plug at 1999'
 Perforated at 1828-1985; 22 shots; 1st stage
 1445-1653; 20 shots; 2nd stage
 Fractured 1st stage with a 15% acid foam frac of 140 bbls. of top hole
 fluid and 240 sacks of 20/40 sand.
 Fractured 2nd stage with an 8% acid foam frac of 100 bbls of top hole
 fluid and 160 sacks of 20/40 sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Hamilton Formation			0	1423	
Marcellus Shale			1423	1534	
Purcell Member of the Marcellus Shale			1534	1686	
Lower Marcellus Shale			1686	1787	
Tioga Bentonite			1787	1808	
Needmore Shale			1808	1972	
Oriskany Sandstone			1972	2196	
Shriver Chert			2196	2308	
T.D.			2308		

(Attach separate sheets as necessary)

Upland Resources
 Well Operator
 Agent: Energy Omega
 By: *Mary White*
 Date: October 9, 1981

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

Permitting
Office of Oil & Gas AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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.

Farm name: LEATHERMAN, W.E. MRS. Operator Well No.: LEATHERMAN #1

LOCATION: Elevation: 892.50 Quadrangle: HEADSVILLE
District: CABIN RUN County: MINERAL
Latitude: 13320 Feet South of 39 Deg. 25 Min. 0 Sec.
Longitude 1280 Feet West of 78 Deg. 52 Min. 30 Sec.

Well Type: OIL _____ GAS x

Company: Upland Resources Coal Operator NA
PO Box 429 or Owner _____
Keyser, WV 26726 _____

Agent: William A. Amtower Coal Operator _____
or Owner _____

Permit Issued: 06/04/96

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur ss:

R. L. Wharton and Don Elmer 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 the above named well operator, and participated in the work of plugging and filling the above well, and Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 8th day of July, 1996, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	2308	1750		
Gel	1750	1400		
Cement	1400	1300		
Gel	1300	850		
Cement	850	750		
Gel	750	500		
Cement	500	400		
Gel	400	50		
Cement	50	0		

[Handwritten signature] 7/19/96

Description of monument:
and that the work of plugging and filling said well was completed on the _____ day of July, 1996.

And further deponents saith not.

Sworn and subscribed before me this 12 day of July, 1996

My commission expires 11-03-03
OFFICIAL PUBLIC
STATE OF WEST VIRGINIA
ILENE MURRAY
13 EAGLE ST.
BUCKHANNON, WV 28201
My Commission Expires Nov. 3, 2007

[Handwritten signature: R. L. Wharton]
[Handwritten signature: Don Elmer]
[Handwritten signature: Ilene Murray] Notary Public
[Handwritten signature: Phillip Tracy]
Oil and Gas Inspector: _____



SEP 20 1996