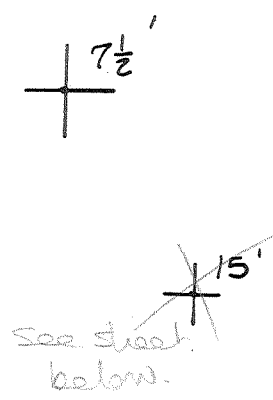
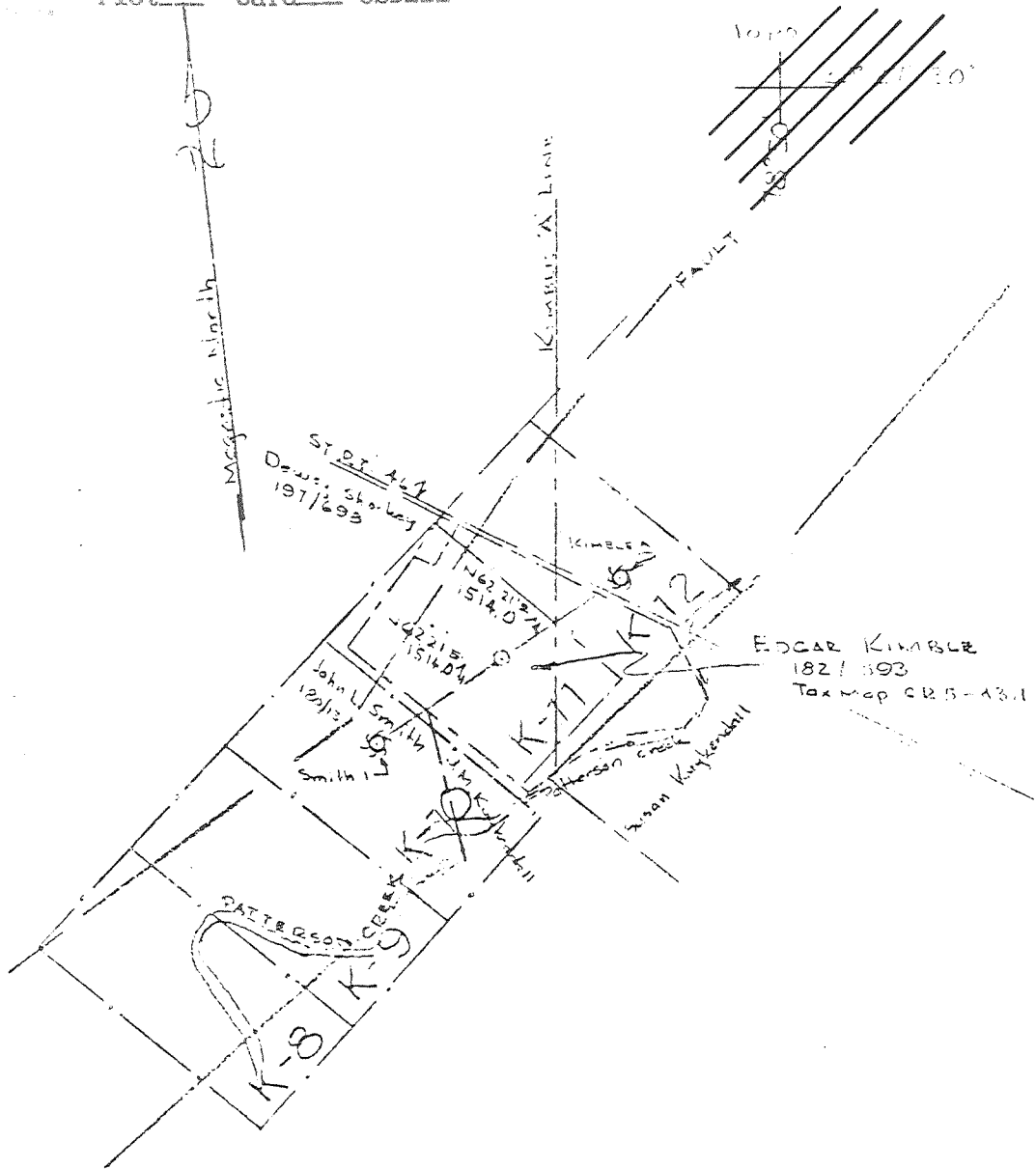


39° 27' 30"
7/9/79 R



7.5' loc
117.5 39° 27' 30"
0.53 W 78° 50'

Property lines
Drilling unit

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION BM 657 on Bridge

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) E. P. Ryden
R.P.E. _____ U.S. 69

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



DATE June 26, 1979
OPERATOR'S WELL NO. _____
API WELL NO. _____
47 STATE 057 COUNTY 0027 PERMIT -Fract

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 641.95 WATER SHED Patterson Creek
DISTRICT Frankfort COUNTY Mineral
QUADRANGLE Headville W.V. / KEYSER 15' nc
SURFACE OWNER Edgar P. & Mary L. Kimble ACREAGE 102
OIL & GAS ROYALTY OWNER Edgar P. & Mary L. Kimble LEASE ACREAGE 102
LEASE NO. _____

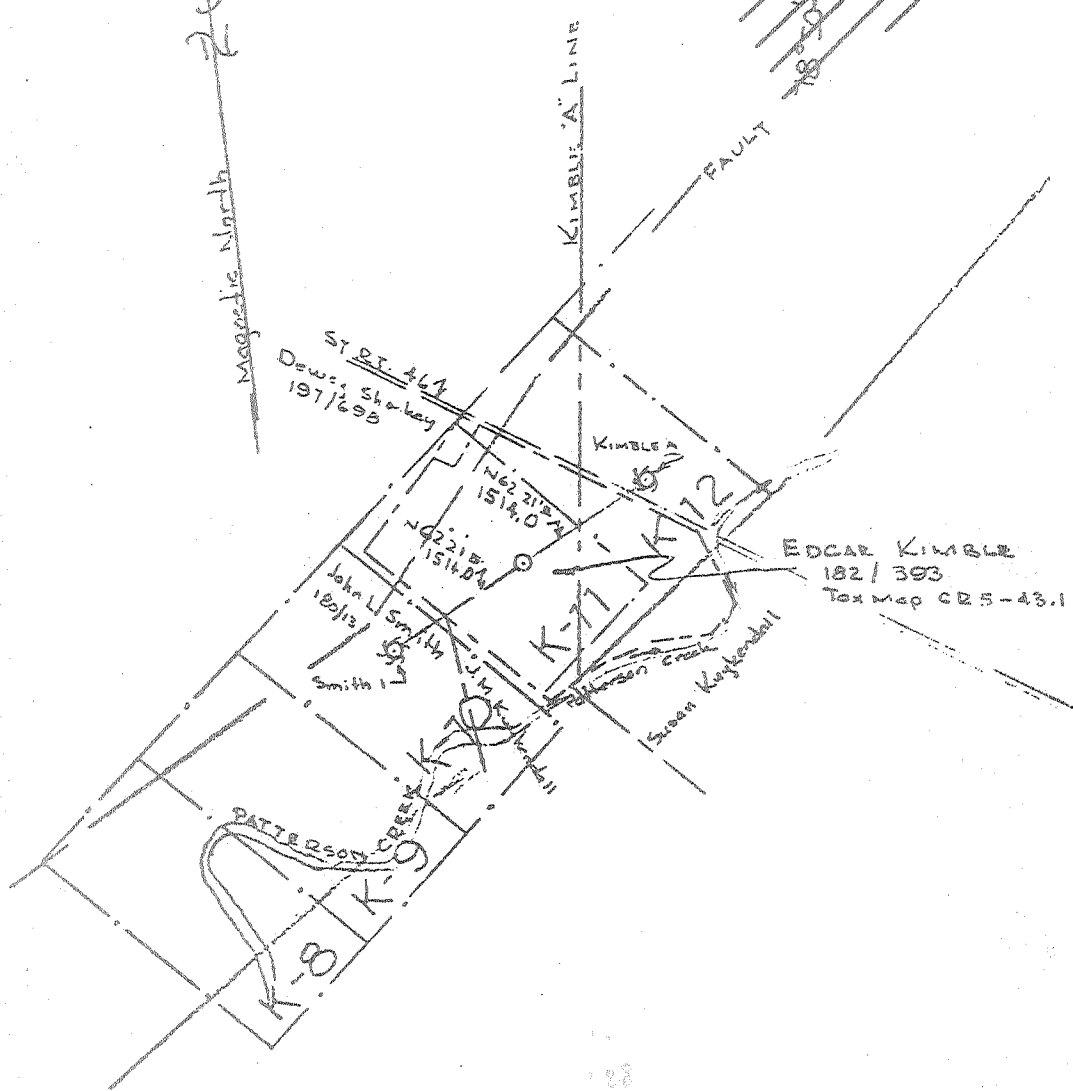
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Oriskany ESTIMATED DEPTH TD 2400 ±
WELL OPERATOR Upland Resources Inc DESIGNATED AGENT Huntley & Huntley Troy Brady
ADDRESS Board of T...

SEP 22 1981
deep

78° 50'

Plot Log Card CSD W Toro 39° 27' 30"
7/9/79 R

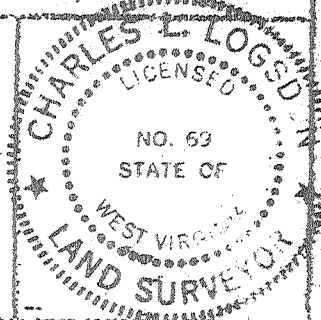


392625
78 50 50
1287
0.57 10
7 1/2
2800 W
 Connected location
15'
4.215
0.70 W
S 4.06
W 0.52
39 26 25
78 50 50

--- Property Lines
 --- Drilling Unit

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Bm 657 on Bridge

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) C. P. Lynch
 R.P.E. _____ L.L.S. 69



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



DATE June 26, 1979
 OPERATOR'S WELL NO. 1
 API WELL NO. _____
47 - 057 - 0027
 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 X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 691.95 WATER SHED Patterson Creek
 DISTRICT Frankfort COUNTY Mineral
 QUADRANGLE Headsville W.V., KEYSER 15'
 SURFACE OWNER Edgar P. & Mary L. Kimble ACREAGE 102
 OIL & GAS ROYALTY OWNER Edgar P. & Mary L. Kimble LEASE ACREAGE 102
 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) _____
 AUG 1 1979

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Oriskany ESTIMATED DEPTH TD 2400 ±
 WELL OPERATOR Upland Resources DESIGNATED AGENT Tracy Brady
 ADDRESS Deep Well 6-6 Headsville South (3235) OW No later (6-0)



RECEIVED

FEB 26 1980

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
Oil and Gas Division
 OIL & GAS DIVISION
 DEPT. OF MINES
WELL RECORD

Quadrangle Headsville
 Permit No. 47-057-0027

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

Company <u>UPLAND RESOURCES, % HUNTLEY & HUNTLEY, INC.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>1700 Benedum-Trees Bldg., Pittsburgh, Pa. 15222</u>				
Farm <u>Edgar Kimble</u> Acres <u>102</u>				
Location (waters) <u>Patterson Creek</u>				
Well No. <u>1</u> Elev. <u>691 G.L.</u>				
District <u>Frankfort</u> County <u>Mineral</u>				
The surface of tract is owned in fee by <u>Edgar Kimble</u>				
Address <u>Keyser, W. Va. 26726</u>				
Mineral rights are owned by <u>Same</u>				
Address _____				
Drilling Commenced <u>8/1/79</u>	Size <u>20-16</u>			
Drilling Completed <u>9/4/79</u>	Cond. <u>13-10"</u>			
Initial open flow <u>0</u> cu. ft. <u>0</u> bbls.	<u>9 5/8</u>			
Final production <u>836 M</u> Cu. ft. per day <u>0</u> bbls.	<u>8 5/8</u>	<u>400'</u>	<u>400'</u>	All Cemented to Surface
Well open <u>275#</u> hrs. before test _____ RP.	<u>7</u>	<u>1010'</u>	<u>1010'</u>	
Well treatment details:	<u>5 1/2</u>			
	<u>4 1/2</u>	<u>1100'</u>	<u>1100'</u>	
	<u>3</u>			
	<u>2</u>			
	Liners Used _____			

Attach copy of cementing record.

Fraced - Halliburton

836 MCF

Coal was encountered at No Coal Feet _____ Inches _____
 Fresh water 95 Feet _____ Salt Water _____ Feet _____
 Producing Sand Oriskany Depth 1795-1963

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
SAMPLE DEPTHS:						
Brallier			0'	834'		
Harrell			834'	880'		
Mahantango			880'	1495'		
Marcellus			1495'	1660'		
Tioga Metabentonite			1660'	1678'		
Onondaga			1678'	1708'		
Needmore			1708'	1795'		
Ridgely-Oriskany			1795'	1963'	Gas @ 1874'	
Shriver			1963'	2024'	Gas @ 1990'	
Helderberg Limestone ✓			2024'	---		
Total Depth				2112'	Log	

(over)

* Indicates Electric Log tops in the remarks section.

MAR 10 1980

SEV



RECEIVED

JUN 28 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Edgar Kimble
Address Keyser, W. VA. 26726
Mineral Owner Edgar Kimble
Address _____
Coal Owner NO COAL
Address _____
Coal Operator NOT APPLICABLE
Address _____

DATE May 23, 1979
Upland Resources, Inc.
Company c/o HUNTLEY & HUNTLEY, INC.
Address 1700 Benedum-Trees Bldg., 221 Fourth Ave.
Farm Edgar Kimble Acres _____ Unit Lse _____
Location (waters) Patterson Creek
Well No. Kimble # 1 Elevation 691-95
District Frankfort County Mineral
Quadrangle Headsville 7 1/2' Keyser 15'

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 3-13-80

INSPECTOR
TO BE NOTIFIED ROBERT S. STEWART
ADDRESS P.O. BOX 345, JANE LEW., W.VA. 26378
PHONE 884-7782

Robert S. Stewart
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 June 11 1979 by Edgar Kimble made to Upland Resources, Inc. and recorded on the 11th day of June 1979, in Mineral County, Book 192 Page 393
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 N/A day _____ before, or on the same day with the mailing or delivery of this copy 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 GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours, Robert S. Stewart
(Sign Name) Robert S. Stewart
Well Operator (President)
1700 Benedum-Trees Building
221 Fourth Avenue
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 of 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.

47-057-0027 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 Robert S. Stewart

**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: 2200' 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'	Cemented to surface
7			
5 1/2			
4 1/2	2200'	2200'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 85 FEET 270-280 SALT WATER NONE FEET
 APPROXIMATE COAL DEPTHS NONE
 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 _____ 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 Edgar Kimble
Address Keyser, WV 26726
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 Kimble #1 Acres 102
Location (waters) Patterson Creek
Well No. 1 Elevation 691
District Frankfort County Mineral
Quadrangle Headsville

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
or 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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

Very truly yours, Upland Resources Geological Consultants, Agent
(Sign Name) _____
Well Operator

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

RECEIVED
Address of Well Operator

AUG 28 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Street _____
City or Town _____
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.

"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]*

47-057-0027 - 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	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	400'	400'	CTS
7	1010'	1010'	CTS
5 1/2			
4 1/2		2024'	202 SKS of mt
3			Perf. Top 7"
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95 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

 Official Title



Date October 8, 1981
 Operator's Well No. 1
 Farm Edgar Kimble
 API No. 47-057-0027

RECEIVED State of West Virginia

OCT 13 1981 Department of Mines
 OIL AND GAS DIVISION Oil and Gas Division
 WV DEPARTMENT OF MINES

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: 763 Watershed Patterson Creek
 District: Cabin Run County Mineral Quadrangle Headsville

COMPANY Upland Resources %Westvaco
 ADDRESS 299 Park Ave., N.Y., N.Y. 10017
 DESIGNATED AGENT T. Brady
 ADDRESS P.O. Box 1016, Keyser, W.Va. 26726
 SURFACE OWNER Edgar Kimble
 ADDRESS Keyser, W.Va. 26726
 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 8/1/79
 DRILLING COMPLETED 9/4/79
 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	400'	400'	surface
7		1010'	
5 1/2			
4 1/2		2100'	
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Sandstone Depth 1795 feet
 Depth of completed well 2112 feet Rotary ___ / Cable Tools XXX
 Water strata depth: Fresh 40 feet; Salt ___ feet
 Coal seam depths: No Coal Is coal being mined in the area? ___

OPEN FLOW DATA

Producing formation Needmore Shale Pay zone depth 1594-1845 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

OCT 29 1981

(Continue on reverse side)

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

Frac plug at 1856'
 Perforated at 1594-1845; 20 shots
 Fractured with a 5% acid foam of 180 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
Brallier			0	834	
Harrell			834	880	
Mahantango			880	1495	
Marcellus			1495	1660	
Tioga Bentonite			1660	1678	
Needmore Shale			1678	1795	
Oriskany Sandstone			1795	1963	Gas @ 1874'
Shriver Chert			1963	2112	Gas @ 1998
T.D.			2112'		

(Attach separate sheets as necessary)

Upland Resources
 Well Operator
 Agent Energy Omega, Inc.
 By: *Mary Watts*
 Date: October 8, 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."