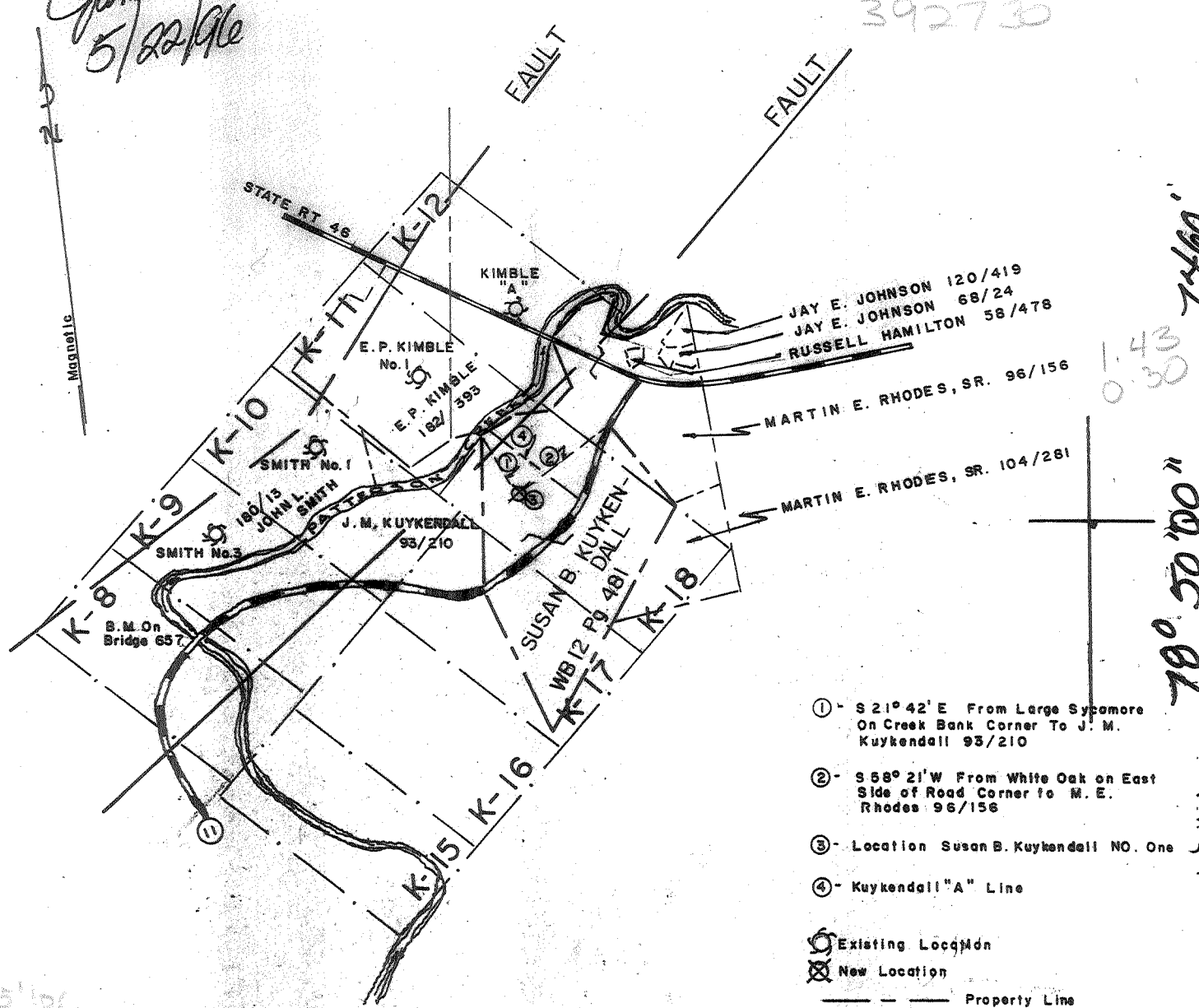


*Jamie*  
5/22/96

Latitude 39° 25' 00" 1580'  
392730



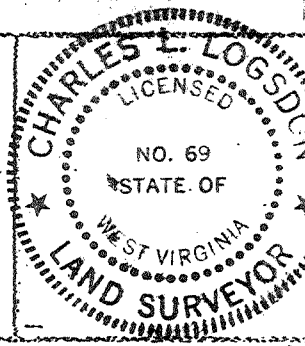
- ① - S 21° 42' E From Large Sycamore On Creek Bank Corner To J. M. Kuykendall 93/210
- ② - S 58° 21' W From White Oak on East Side of Road Corner to M. E. Rhodes 96/156
- ③ - Location Susan B. Kuykendall NO. One
- ④ - Kuykendall "A" Line

Existing Location  
 New Location  
 --- Property Line  
 --- Unit Line  
 --- Pool Line  
 --- Reference Line

25' 100  
 T42S 39° 27' 30"  
 019W 78° 30'  
 Calc 15' 100 + 2205, 019W

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION: B.M. on Bridge  
as noted

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 P. Logsdon  
 R.P.E. \_\_\_\_\_ I.L.S. 69



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-5 (8-78)



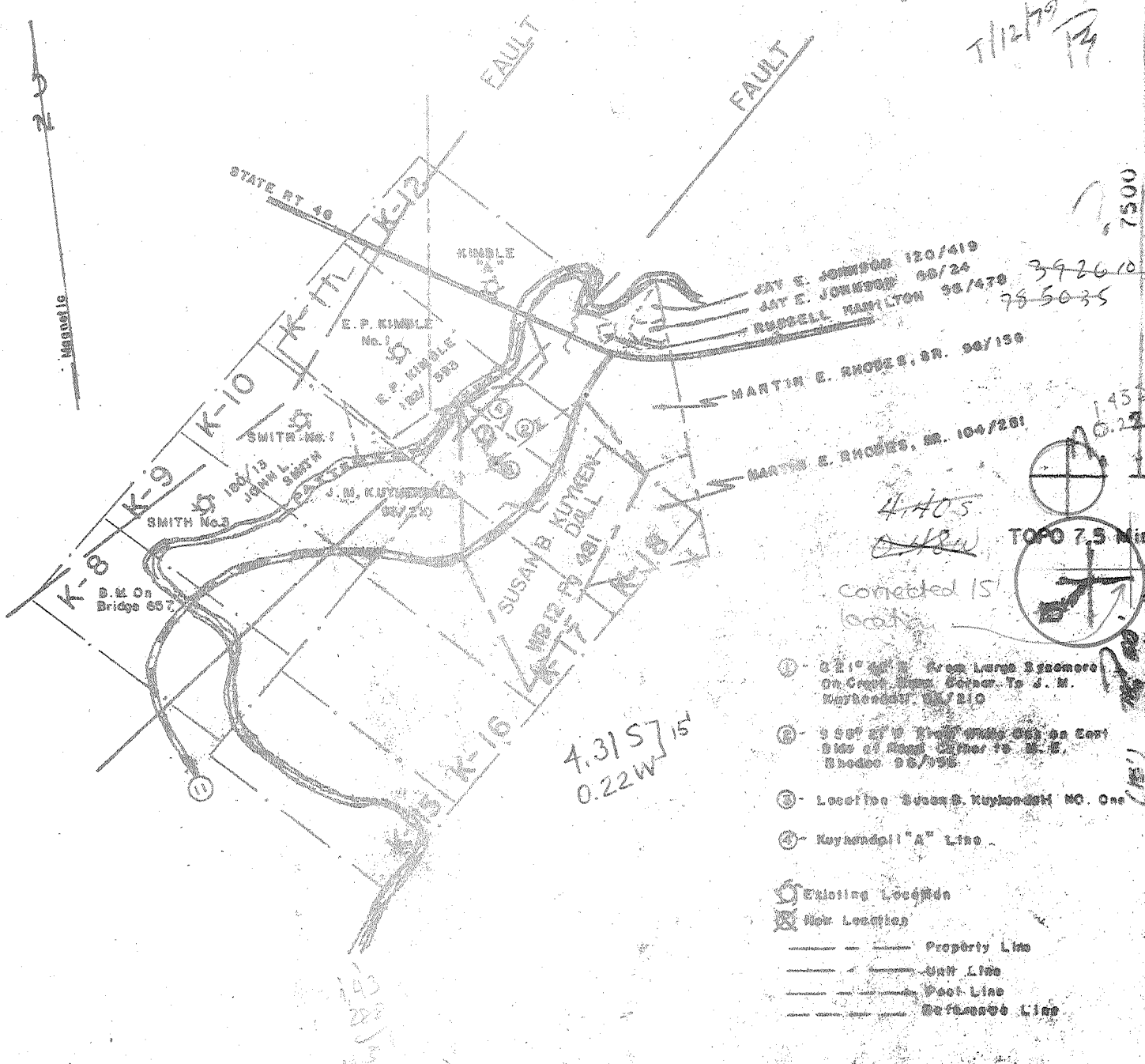
DATE 3 July, 19 79  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
47 - 057 - 00028-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL & GAS

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 642.32' WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headville KEYSER 15'  
 SURFACE OWNER Susan Blue Kuykendall Edmonds ACREAGE 9.7  
 OIL & GAS ROYALTY OWNER Susan Blue Kuykendall Edmonds LEASE ACREAGE 9.7  
 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 REPLUG \_\_\_  
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH 2180'  
 Upland Resources, Inc. SIGNED AGE William A. Amtower  
 P.O. box 429 ADDRESS Box 284

MAY 24 1989



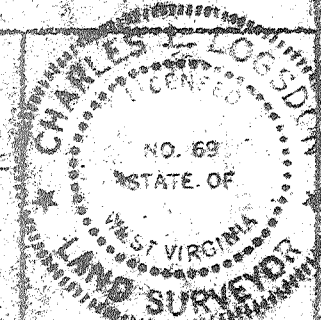
JAY E. JOHNSON 120/419  
 JAY E. JOHNSON 68/24  
 RUSSELL HAMILTON 98/478  
 MARTIN E. SHOES, SR. 98/158  
 MARTIN E. SHOES, SR. 104/281

7500  
 3926.0  
 785035  
 4405  
 TOPO 7.5 Min.  
 Corrected 15' back

- ① - 22" x 22" Area Large Spacers On Crest Road Corner To S. M. Kuykendall 98/210
  - ② - 9 5/8" x 9 5/8" Well Head On East Side of Road Corner To M. E. Shoes 98/395
  - ③ - Location Susan B. Kuykendall MO. One
  - ④ - Kuykendall "A" Line
- Existing Location  
 New Location
- Property Line  
 Well Line  
 Pool Line  
 Reference Line

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION B.M. on Bridge as noted

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 P. Logsdon  
 R.P.E. L.S. 69



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-5 (8-78)



DATE 3 July, 1979  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
47 - 057 - 0028  
 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 642.32' WATER SHED Potomac Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headville 7.5' NC  
 SURFACE OWNER Susan Blue Kuykendall Edwards ACREAGE 9.7  
 OIL & GAS ROYALTY OWNER Susan Blue Kuykendall Edwards LEASE ACREAGE 9.7  
 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 7 1979

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Orekey Sand ESTIMATED DEPTH J.D. 2400'  
 WELL OPERATOR Upland Resources, Inc. DESIGNATED AGENT TOBY A. BRADY JR.  
Deep Well 6-6 Headville North (335)



RECORDED

FEB 26 1980

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle HEADSVILLE  
Permit No. 47-057-0028

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

Company <u>UPLAND RESOURCES, 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.</u>				
Farm <u>SUSAN K. EDMONDS</u> Acres <u>97</u>	15222			
Location (waters) <u>Patterson Creek</u>	Size			
Well No. <u>#1</u> Elev. <u>642</u>	20-16			
District <u>CABIN RUN</u> County <u>MINERAL</u>	Cond.			
The surface of tract is owned in fee by <u>Same</u>	13-10"			
Address _____	9 5/8			
Mineral rights are owned by <u>SAME</u>	8 5/8	400'	400'	Cement to Surface
Address _____	7			
Drilling Commenced <u>10-12-79</u>	5 1/2			
Drilling Completed <u>11-17-79</u>	4 1/2	2,180'	2,180'	Cement to Surface
Initial open flow <u>Show</u> cu. ft. _____ bbls.	3			
Final production <u>1602</u> cu. ft. per day _____ bbls.	2			
Well open _____ hrs. before test <u>520</u> RP.	Liners Used			

Well treatment details: Attach copy of cementing record.  
Fraced by Halliburton using 100 Sk 80/100 frac sand, 200 Sks. 20/40 sd.,  
300 LB. Citric Acid Crystals, CLA-STA, 15% MOD 202 P.D. 2150 S.I. 1450

660 MCF

Coal was encountered at NO COAL Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 60' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand ORISKANY Depth 2002 - 2138'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
GAMMA RAY LOG:						
Sand & Shale			0'	1656'		Water @ 60'
Selinsgrove			1656'	1774'		
Marcellus			1774'	1848'		
Tioga Metabentonite			1848'	1862'		
Onondaga LS.			1862'	1874'		
Needmore Shale			1874'	2002'		
Oriskany Formation			2002'	2138'		Gas @ 2002' Gas @ 2100' - 2110'
Helderberg LS.			2138'	---		Gas @ 2128' - 2144'
TOTAL DEPTH				2180'		

(over)

\* Indicates Electric Log tops in the remarks section.



RECEIVED

JUL 12 1979

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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 Susan Kuykendall Edmunds  
Address 50 Walker Rd. West Orange, NJ 07052  
Mineral Owner SAME  
Address \_\_\_\_\_  
Coal Owner NO COAL  
Address \_\_\_\_\_  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

DATE July 10, 1979  
Upland Resources, Inc.  
Company c/o Huntley & Huntley, Inc.  
Address 1700 Benedum-Trees Building, Pgh. PA 15222  
Farm Susan K. Edmunds Acres 97  
Location (waters) Patterson Creek  
Well No. -1- Elevation 642'  
District Cabin Run County Mineral  
Quadrangle Headsville 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 drilling. This permit shall expire if  
operations have not commenced by 3-16-80.

INSPECTOR  
TO BE NOTIFIED Robert S. Stewart  
ADDRESS P.O. Box 345, Jane Lew, W.V. 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 25 1979 by Susan K. Edmunds made to Upland Resources, Inc. and recorded on the 25th day of June 1979 in Mineral County, Book 12 Page 481  
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:  
Very truly yours, Upland Resources, Inc.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

(Sign Name) [Signature]  
Well Operator (PRESIDENT)  
1700 Benedum-Trees Building  
221 Fourth Avenue  
Street  
Pittsburgh  
City or Town  
Pennsylvania 15222  
State

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

BLANKET BOND

47-057-0028 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.V. 26201 ADDRESS P.O. Box 371, Buckhannon, W.V. 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'	Cement 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 39 & 225 FEET SALT WATER NONE FEET  
 APPROXIMATE COAL DEPTHS NO COAL  
 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

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: EDMONDS, SUSAN BLUE Operator Well No.: SUSAN EDMONDS#1

LOCATION: Elevation: 642.32 Quadrangle: HEADSVILLE  
District: CABIN RUN County: MINERAL  
Latitude: 7460 Feet South of 39 Deg. 25 Min. 0 Sec.  
Longitude 1530 Feet West of 78 Deg. 50 Min. 0 Sec.

Well Type: OIL \_\_\_\_\_ GAS x

Company: Upland Resources  
PO Box 429  
Keyser, WV 26726

Coal Operator NA  
or Owner \_\_\_\_\_

Agent: William A. Amtower

Coal Operator NA  
or Owner \_\_\_\_\_

Permit Issued: 05/22/96

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Upshur ss:

Robert 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 4th day of June, 1996, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	2150	1900	1489' of 4 1/2"	791
Jell	1900	1489		
Cement	1489	1389		
Jell	1389	500		
Cement	500	400		
Jell	400	50		
Cement	50	0		

Description of monument: Flat plate in cornfield 22" underground  
and that the work of plugging and filling said well was completed on the 12th day of June, 1996.

And further deponents saith not.

Subscribed and sworn to before me this 12th day of June, 1996



NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
ILENE MURRAY  
13 EAGLE ST  
BUCKHANNON WV 26039  
My Commission Expires: 11-03-03

Robert L. Wharton  
Donald R. Elmer  
Ilene Murray Notary Public  
Phillip Tracy Oil and Gas Inspector

SEP 20 1996