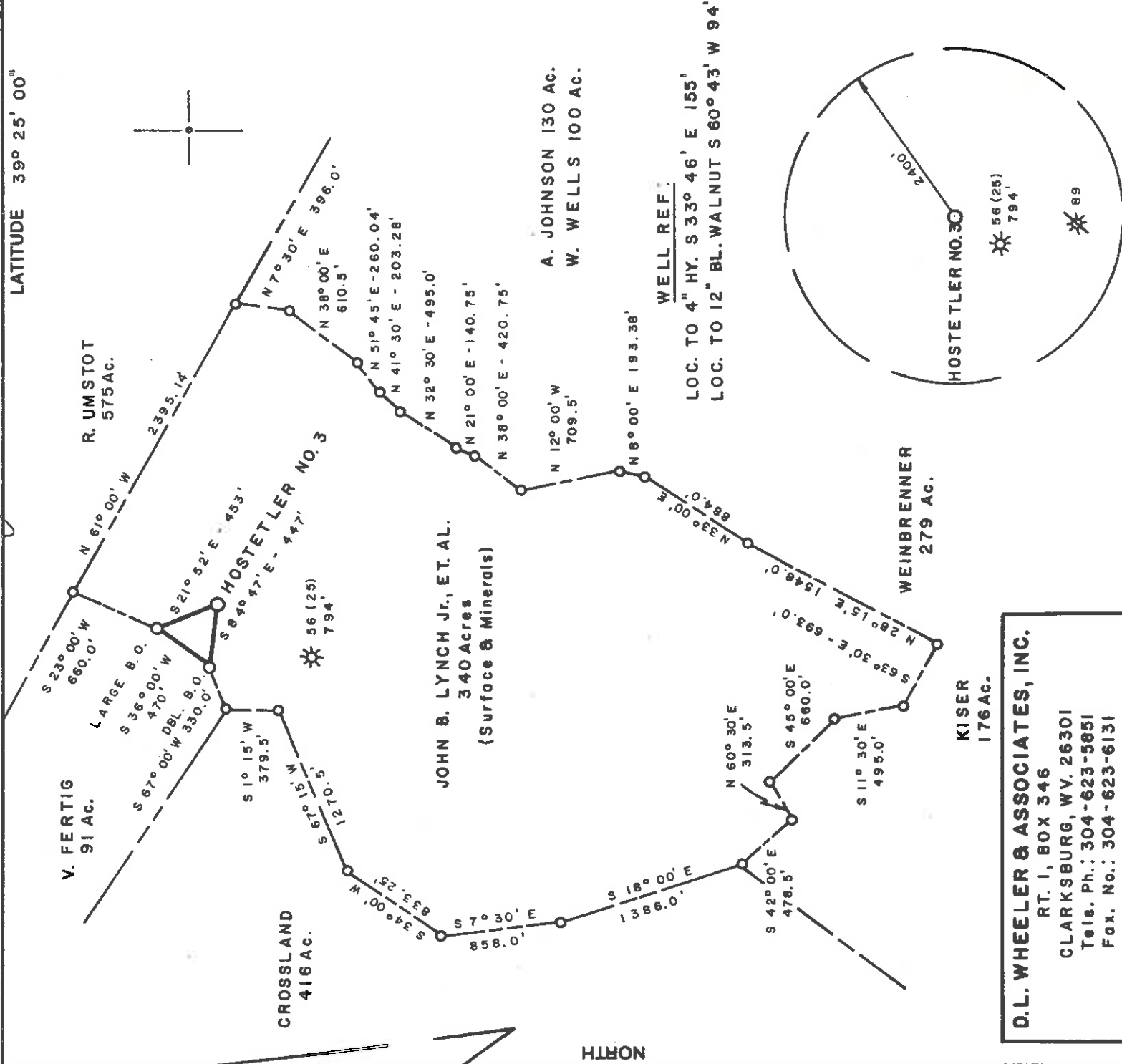
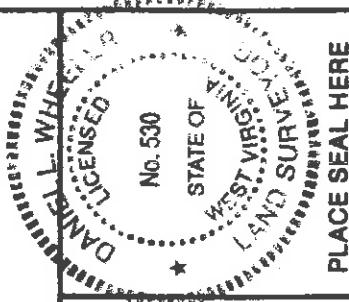


LATITUDE 39° 25' 00"  
 LONGITUDE 78° 50' 00"



**D.L. WHEELER & ASSOCIATES, INC.**  
 RT. 1, BOX 346  
 CLARKSBURG, WV. 26301  
 Tele. Ph.: 304-623-5851  
 Fax. No.: 304-623-6131



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 ENERGY, (SIGNED) *Daniel L. Wheeler*

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION WELL API # 0056  
 ELEV. 720.83'

R.P.E. \_\_\_\_\_ L.L.S. 530  
 DANIEL L. WHEELER

PLACE SEAL HERE



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

DATE APRIL 15, 19 91  
 OPERATOR'S WELL NO. HOSTETTLER NO. 3  
 API WELL NO. ~~Canceled~~

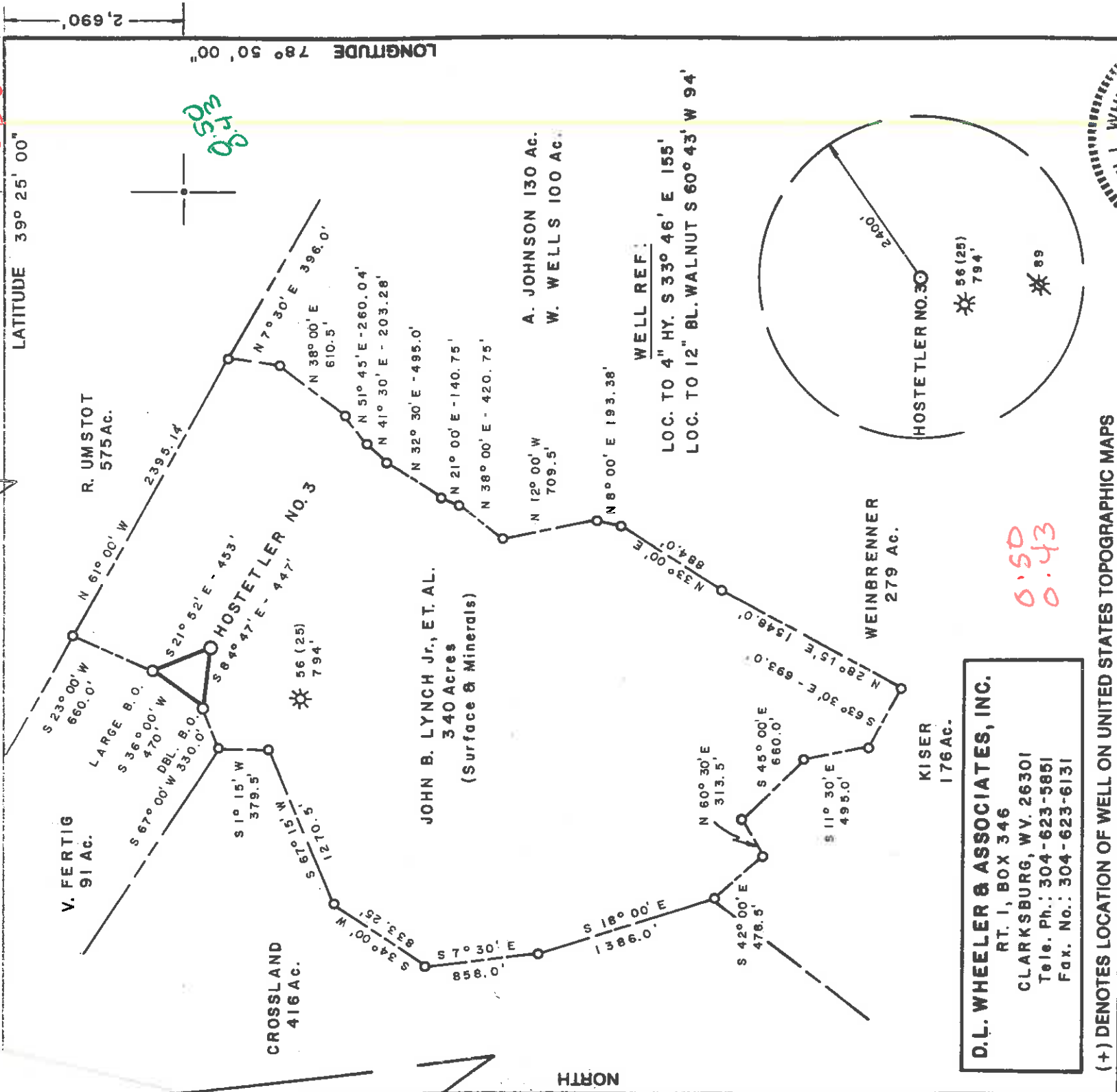
47-057-00096

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ STATE COUNTY PERMIT  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 893', WATER SHED PATTERSON CREEK  
 DISTRICT CABIN RUN COUNTY MINERAL  
 QUADRANGLE HEADSVILLE 7.5'  
 SURFACE OWNER JOHN B. LYNCH, JR. & JEFFEREY B. NICOLL ACREAGE 340  
 OIL & GAS ROYALTY OWNER JOHN B. LYNCH JR., ET AL., LEASE ACREAGE 340

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 KEFFER ESTIMATED DEPTH 4500'  
 WELL OPERATOR MARK RESOURCES, CORP. DESIGNATED AGENT OLIN SHOCKEY  
 ADDRESS PENN CENTER WEST BLDG. II SUITE 224 ADDRESS RT. 1, BOX 139 B  
 PITTSBURGH, PA. 15276 RAVENSWOOD, WV. 26164

2,300



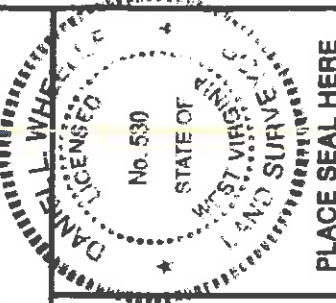
LATITUDE 39° 25' 00" LONGITUDE 78° 50' 00"

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION WELL API # 0056  
 ELEV. 720.83'

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 ENERGY.  
 (SIGNED) *Daniel L. Wheeler*  
 R.P.E. L.S. 530  
 DANIEL L. WHEELER



PLACE SEAL HERE

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
**OIL AND GAS DIVISION**



DATE APRIL 15, 19 91  
 OPERATOR'S WELL NO. HOSTETTLER NO. 3  
 API WELL NO. 47-057-00096

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL STATE COUNTY PERMIT  
 (IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 893' WATER SHED PATTERSON CREEK  
 DISTRICT CABIN RUN COUNTY MINERAL  
 QUADRANGLE HEADSVILLE 7.5' *Upper C*  
 SURFACE OWNER JOHN B. LYNCH, JR. & JEFFEREY B. NICOLL ACREAGE 340  
 OIL & GAS ROYALTY OWNER JOHN B. LYNCH JR., ET AL. LEASE ACREAGE 340

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 KEFFER ESTIMATED DEPTH 4500'  
 WELL OPERATOR MARK RESOURCES, CORP. *SRK* DESIGNATED AGENT OLIN SHOCKEY  
 ADDRESS PENN. CENTER WEST, BLDG. II SUITE 224 ADDRESS RT. 1, BOX 139 B  
 PITTSBURGH, PA. 15276 RAVENSWOOD, WV. 26164

JUN 28 1991

COUNTY NAME PERMIT



057-00096  
Issued 06/28/91

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

Page of  
Expires 06/28/93

1) Well Operator: Mark Resources Corp. 30275(1) 394

2) Operator's Well Number: Hostetler No. 3 3) Elevation: 893'

4) Well type: (a) Oil  or Gas

(b) If Gas: Production  / Underground Storage   
Deep  / Shallow

5) Proposed Target Formation(s): Keffer 533

6) Proposed Total Depth: 4500' \_\_\_\_\_ feet

7) Approximate fresh water strata depths: 40' 200'

8) Approximate salt water depths: None

9) Approximate coal seam depths: None

10) Does land contain coal seams tributary to active mine? Yes  No

11) Proposed Well Work: To drill and complete gas well.

12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						Fill-up (cu. ft.)
Fresh Water	7"				900'	38 CSR 18-11. 38 CSR 18-11. 5/10.
Coal						
Intermediate						
Production	4 1/2"				4500'	38 CSR 18-11. 150 sks.
Tubing						
Liners						

PACKERS : 3 1/2  
Sizes  
Depths set

RECEIVED  
Division of Energy

MAY 28 91

201 M

For Division of Oil and Gas Use Only

Fee(s) paid: 121 Well Work Permit 1 Reclamation Fund 1 WPCP  
Plat 1 WW-9 1 WW-2B 1 Bond 1 Agent

1232C

1) Date: April 25, 1991  
2) Operator's well number  
Hostetler No. 3  
3) API Well No: 47 - - 057 - - 00096  
state - County - Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT  
Division of Energy  
MAY 28 91  
RECEIVED

4) Surface Owner(s) to be served: Ngcoll  
(a) Name John B. Lynch, Jr./Jeffrey R. Berlin, Maryland 21811  
Address Route 2, Box 273  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
Inspector Phillip Tracy  
Address P.O. Box 37-A  
Montrose, WV 26283  
Telephone (304) - 636-8798  
5) (a) Coal Operator: \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR X Included is the information required by Chapter 22B, Article 1, section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by: \_\_\_\_\_  
X Personal Service (Affidavit attached)  
\_\_\_\_\_ Certified Mail (Postmarked postal receipt attached)  
\_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator MARK RESOURCES CORPORATION  
By: Robert L. Eckle  
Its: Attorney-in-Fact  
Address Penn Center West, Bldg. II, Suite 224  
Pittsburgh, PA 15276  
Telephone 412-788-1340

Subscribed and sworn before me this 25th day of April, 1991

My commission expires October 4, 1993  
Robert L. Eckle  
Notary Seal  
Robert L. Eckle, Notary Public  
Notary Public  
Member, Pennsylvania Association of Notaries