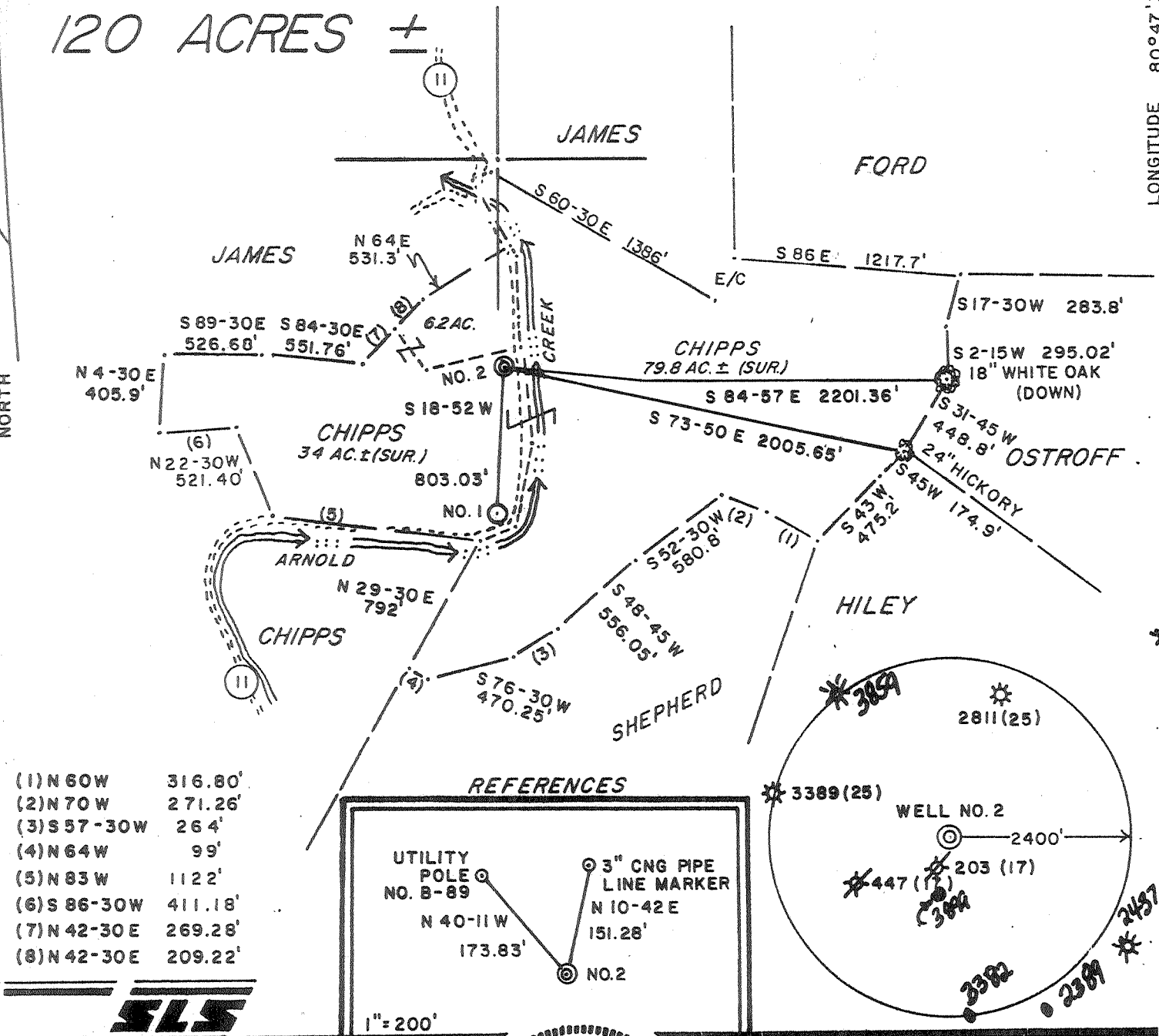


Jamil 3/6/92

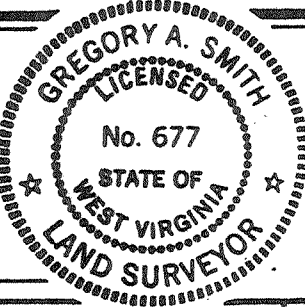
CHIPPS LEASE WELL NO. 2

120 ACRES ±



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.

L.L.S. 677 Gregory A. Smith



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

DATE AUGUST 6, 19 91

OPERATORS WELL NO. CHIPPS NO. 2

API WELL NO. 47 - 017 - 03942

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2000 (37-19)

PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. = 1268' SCALE 1" = 800'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 759' WATERSHED ARNOLD CREEK

DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'

SURFACE OWNER EUGENE VANCE CHIPPS II & BRIDGET CHIPPS ACREAGE 34 OF 120

ROYALTY OWNER EUGENE VANCE CHIPPS II & BRIDGET CHIPPS et al. LEASE ACREAGE 120

PROPOSED WORK: LEASE NO. _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER

ESTIMATED DEPTH 5900'

WELL OPERATOR DEVONIAN APPALACHIAN Inc. DESIGNATED AGENT ROBERT ANDERSON

ADDRESS RT. 1 BOX 114-B MINERALWELLS, WV, 26150 ADDRESS RT. 1 BOX 114-B MINERALWELLS, WV, 26150

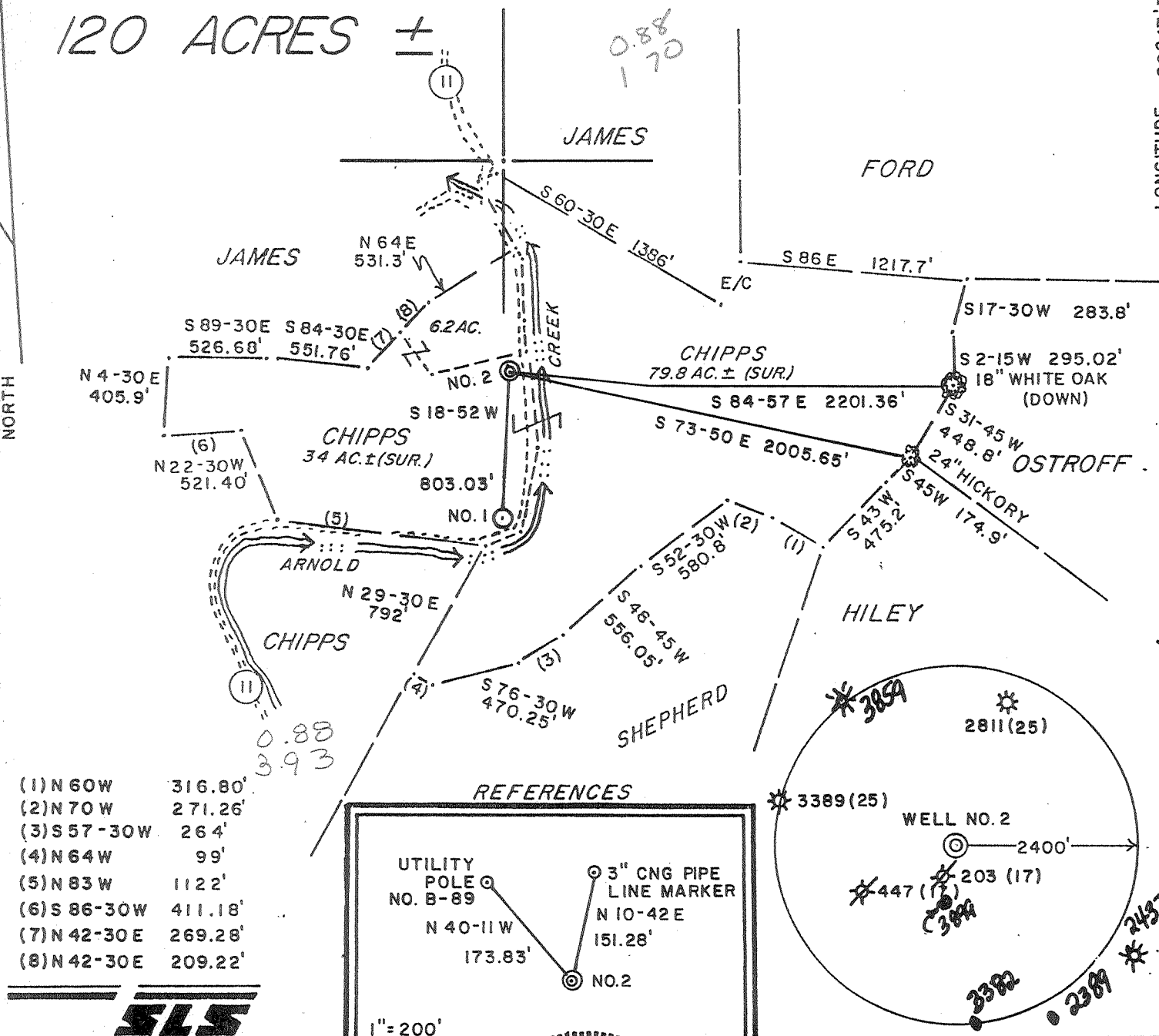
COUNTY NAME 0000

PERMIT 3942

Jamil 3/6/92
CHIPPS LEASE WELL NO. 2

120 ACRES ±

LONGITUDE 80°47'30" 4680'

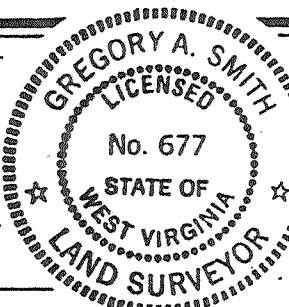


- (1) N 60W 316.80'
- (2) N 70W 271.26'
- (3) S 57-30W 264'
- (4) N 64W 99'
- (5) N 83W 1122'
- (6) S 86-30W 411.18'
- (7) N 42-30E 269.28'
- (8) N 42-30E 209.22'



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.


L.L.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 6, 19 91
 OPERATORS WELL NO. CHIPPS NO. 2
 API WELL NO. 47 - 017 - 03942
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2000 (37-19)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. = 1268' SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 759' WATERSHED ARNOLD CREEK

DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5

SURFACE OWNER EUGENE VANCE CHIPPS II & BRIDGET CHIPPS ACREAGE 34 OF 120

ROYALTY OWNER EUGENE VANCE CHIPPS II & BRIDGET CHIPPS et al. LEASE ACREAGE 120

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

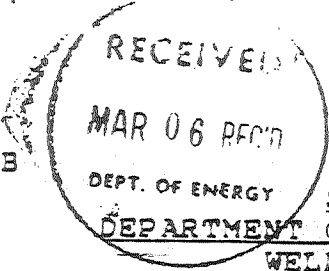
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER

ESTIMATED DEPTH 5900'

WELL OPERATOR DEVONIAN APPALACHIAN Inc. DESIGNATED AGENT ROBERT ANDERSON

ADDRESS RT. 1 BOX 114-B MINERALWELLS, WV. 26150 ADDRESS RT. 1 BOX 114-B MINERALWELLS, WV. 26150

COUNTY NAME PERMIT



017-3942
Issued 3/9/92
Expires 3/9/94
Page ___ of ___

FORM WW-2B

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

- 1) Well Operator: Devonian Appalachian Co. Inc.
- 2) Operator's Well Number: Chippis #2 3) Elevation: 759'
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Alexander, Benson, Riley
- 6) Proposed Total Depth: 5150' feet
- 7) Approximate fresh water strata depths: 226', 283'
- 8) Approximate salt water depths: 786'
- 9) Approximate coal seam depths: 453'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X
- 11) Proposed Well Work: Drill and Complete New Well
- 12)

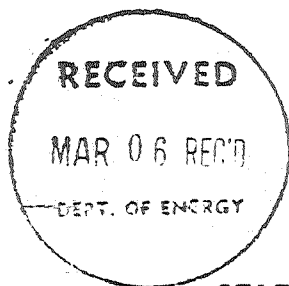
CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling / Left in well	
Conductor					
Fresh Water					
Coal					
Intermediate	8 5/8"	J 55	23#	1175'	38 CSR 18-11.2.2
Production	4 1/2"	J 55	10.5#	5100'	38 CSR 18-11.1
Tubing					
Liners					

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

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



1) Date: Chap #2 11/15/92
2) Operator's well number
Chap #2
3) API Well No: 47 - 017 - 3942
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:	5) (a) Coal Operator:
(a) Name <u>Eugene & Ernest Chapin</u>	Name <u>N/A</u>
Address <u>#1 Box 274</u>	Address _____
<u>Wetzel Co. 26456</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name <u>/</u>	_____
Address _____	Name _____
_____	Address _____
6) Inspector <u>Mike Hester</u>	(c) Coal Lessee with Declaration
Address <u>CR 2 Box 135</u>	Name _____
<u>Wetzel Co. 26426</u>	Address _____
Telephone (304) - <u>932-1043</u>	_____

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

____ 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:

- 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 Resource Applications, Inc.
 By: Robert A. ...
 Its: President
 Address Box 100 B
13,000 Wells, W.V. 26150
 Telephone (304) 427-9310

Subscribed and sworn before me this 12th day of November, 1991

Lynda R. ... Notary Public
 My commission expires Nov 29, 1993

1) Date: Chipp's #2 11/5/92
2) Operator's well number Chipp's #2
3) API Well No: 47 - 017 - 2942
State - County - Permit

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator:
(a) Name <u>James & Beulah Cross</u>	Name <u>ATX</u>
Address <u>271 Box 274</u>	Address _____
<u>1003 Union 26456</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name <u>1</u>	Name _____
Address _____	Address _____
6) Inspector <u>Mike Hainwood</u>	(c) Coal Lessee with Declaration
Address <u>Rt 5 Box 153</u>	Name _____
<u>Salmon WV 26126</u>	Address _____
Telephone (304) - <u>782-1043</u>	

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

_____ 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:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE

(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator Personna Appalachian Co. Inc
By: Robert L. ...
Its: President
Address Rt 1 Box 114 B
Mineral Well, WV 26120
Telephone (304) 487 9314

Subscribed and sworn before me this 12th day of November

My commission expires _____ Notary Public