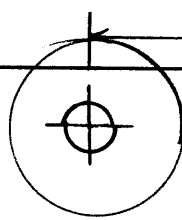


Jan 7/31/89

7800

45

LATITUDE 39° 42' 30"



0.125
1.50 W

SENSON No. 1 (REV.)

573° E 145'
8" OAK
ORANGE
R18800

HUB
STAKE
ORANGE R18800

No WELLS WITHIN 3000'

3.00 S
1.50 W

LONGITUDE 79° 45' 00"

NORTH

R. BENSON, et ux

N/E RYAN

IRON PIN

N80°58'E 808' WELL No. 1 REV.

N1°21'E 271'

579°41'25"E 804.66'

WELL No. 1

N62°29'25"W 1502.26'

N44°31'10"W 221.22'

N/E NABORS

TREE / 3 BLAZES



N/E BROWN

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

FILE NO. 10.167/6
DRAWING NO. 2
SCALE 1" = 400'
MINIMUM DEGREE OF
ACCURACY 1 PART IN 200
PROVEN SOURCE OF
ELEVATION TAKEN FROM
U.S.G.S. TOPO MAP

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.

(SIGNED) James E. Tilden
R.P.E. 2886 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JULY 18, 1989
OPERATOR'S WELL NO. BENSON No. 1 (REV.)
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

LOCATION: ELEVATION 2235 WATER SHED RYAN Hollow Run
DISTRICT UNION 7 COUNTY MONONGALIA
QUADRANGLE LAKE LYNN 425 0863 Morgantown NE

SURFACE OWNER R. BENSON et ux ACREAGE 75
OIL & GAS ROYALTY OWNER R. BENSON et ux LEASE ACREAGE 75
LEASE NO. 2 Nov 1-17

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 ESTIMATED DEPTH 8166
WELL OPERATOR R.E. FOX & ASSOCIATES DESIGNATED AGENT Peter L. Battles
ADDRESS 370 LEONARD AVE. ADDRESS P.O. Box 274, Clarksburg, WV 26302-274
WASHINGTON, PA 15301 4106

AUG 4 1989

DEEP WELL

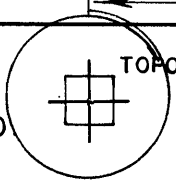
6-6 unamed (000)

James 6/17/88

7,820'

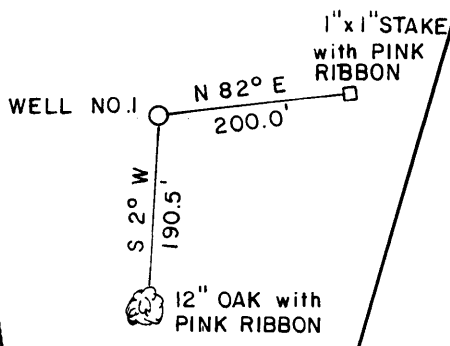
45

LATITUDE 39° 42' 30"



N/F H.C. FRICK CO

0.155
1.48w



NO WELLS WITHIN 2,400 FT.

303S
1.48w

N/F RYAN

69
TO

R. BENSON et ux.

VOID

MOVED 271' to the North East

69

I. PIN

S 79° 41' 25" E
804.66'

WELL NO. 1

S 44° 31' 10" E
771.22'

N/F NABORS

TREE / 3 BLAZES

N/F BROWN

CANCEL See MON. 0932

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

FILE NO. 10.167
DRAWING NO. 1
SCALE: 1" = 400'
MINIMUM DEGREE OF ACCURACY: 1 PART IN 200
PROVEN SOURCE OF ELEVATION: TAKEN FROM U.S.G.S. TOPO MAP

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) James G. Tolson, PE
R.P.E. L.L.S.

PLACE SEAL HERE

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

DATE JUNE 20 19 88
OPERATOR'S WELL NO. R. Benson #1
API WELL NO.

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

47 STATE 061 COUNTY 0875 PERMIT
Cane 932

LOCATION: ELEVATION 2265' WATER SHED MORGAN RUN
DISTRICT UNION 7 COUNTY MONONGALIA
QUADRANGLE LAKE LYNN 425 066 3

SURFACE OWNER: ROBERT BENSON, et.ux. ACREAGE 75 Ac.
OIL & GAS ROYALTY OWNER: LEASE ACREAGE 75 Ac.

LEASE NO. 2-MON-1-17

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 4 1989

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION: Oriskany ESTIMATED DEPTH 8196 Ft.

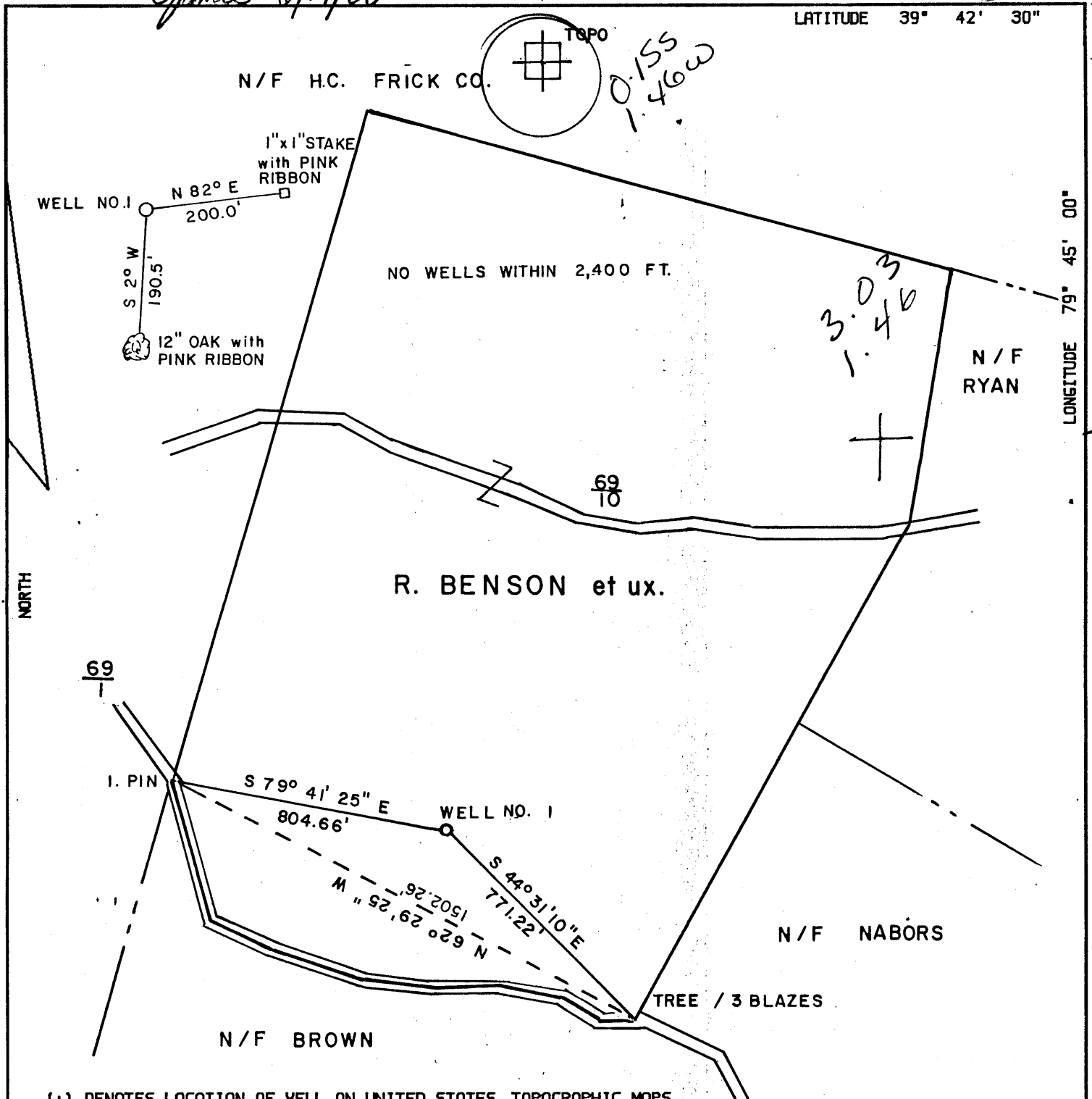
WELL OPERATOR: R.E. FOX & ASSOCIATES DESIGNATED AGENT Keystone Resources, Inc.
ADDRESS: 505 VALLEY BROOK RD. SUITE 102 ADDRESS P. O. Box 49
McMURRAY, PA. 15317 4106 Thacker, W VA 25694

Attn: Steve Mayhorn, Mgr.

COUNTY NAME MONONG PERMIT 0875

Jimie 6/17/88

7,820' 45
 LATITUDE 39° 42' 30"



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

FILE NO. 10.167
 DRAWING NO. 1
 SCALE: 1" = 400'
 MINIMUM DEGREE OF ACCURACY: 1 PART IN 200
 PROVEN SOURCE OF ELEVATION: TAKEN FROM U.S.G.S. TOPO MAP

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) *James S. Tolson, PE*
 R.P.E. L.L.S.

PLACE SEAL HERE

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

DATE JUNE 20 19 88
 OPERATOR'S WELL NO. *R. Benson #1*
 API WELL NO.

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

STATE 47 COUNTY 061 PERMIT 0875
 932

LOCATION: ELEVATION 2265' WATER SHED MORGAN RUN
 DISTRICT UNION 1 COUNTY MONONGALIA
 QUADRANGLE LAKE LYNN 42.5 086 3

SURFACE OWNER: ROBERT BENSON, et.ux. ACREAGE 75 Ac.
 OIL & GAS ROYALTY OWNER: " " LEASE ACREAGE 75 Ac.
 LEASE NO. 2-MON-1-17

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 8196 Ft.

WELL OPERATOR: R.E. FOX & ASSOCIATES DESIGNATED AGENT Keystone Resources, Inc.
 ADDRESS: 505 VALLEY BROOK RD. SUITE 102 c106 ADDRESS P. O. Box 49
McMURRAY, PA. 15317 Thacker, W VA 25694

AUG 01 1988

Attn: Steve Mayhorn, Mgr.

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: Benson, Robert & Waneta

Operator Well No.: Benson #1-REV.

LOCATION: Elevation: 2235

Quadrangle: Lake Lynn

District: Union
Latitude: 570 feet South of
Longitude 7800 feet West of

County: Monongalia
39 Deg. 42 Min. 30 Sec.
79 Deg. 45 Min. 0 Sec.

Company: R. E. Fox & Associates
370 Leonard Avenue
Washington, PA 15301

Agent: Peter Battles

Inspector: Donald Ellis
Permit Issued: 07/31/89
Well work Commenced: 10/24/90
Well work Completed: 11/08/90
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig _____
Total Depth (feet) 7778
Fresh water depths (ft) 120 & 170
Salt water depths (ft) None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill U Cu. Ft
11-3/4	25.4	25.4	0
8-5/8	1430	1430	360 sks
4-1/2	7779	7779	300 sks
2-3/8	0	7610	0

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 7650-
Gas: Initial open flow 12 M MCF/d Oil: Initial open flow 0 Bl
Final open flow Tearing MCF/d Final open flow 0 Bl
Time of open flow between initial and final tests _____ Hc
Static rock Pressure Tearing psig (surface pressure) after _____ Hc

Second producing formation None Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bl
Final open flow _____ MCF/d Final open flow _____ Bl
Time of open flow between initial and final tests _____ Hc
Static rock Pressure _____ psig (surface pressure) after _____ Hc

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATION INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

R. E. FOX & ASSOCIATES

For:

By: [Signature]

Date: 12-07-90

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

Perforated 7650 - 7660 with 40 shots; no stimulation, well is a natural producer.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fr and salt water, coal, oil and
Sand & Shale			0	76	
Red Rock			76	130	Damp @ 120'
Sand & Shale			130	235	1/2" Stream of water @ 170'
Red Rock			235	250	
Shales			250	396	
Sand			396	501	
Shale			501	519	
Sand			519	655	
Shale			655	663	
Sand			663	755	
Sand & Shale			755	1042	
Sand			1042	1125	
Sand & Shales			1125	1395	
Sand			1395	1426	Driller's Log
Shales			1426	1615	Electric Log
Sands			1615	1800	
Shales & Sand			1800	2400	
Sand			2400	2410	
Shale			2410	2610	
Sand			2610	2650	
Shales			2650	3670	
Sand			3670	3700	
Shales			3700	3900	
Sand			3900	3920	
Shales & Siltstones			3980	6970	Gas check @ 4406 - 24/10 - 1/2"
Tully			6970	7050	Gas check @ 6915 27/10 - 1/2"
Shales			7050	7346	Gas check @ 7257 6/10 - 1/2"
Marcellus			7346	7458	
Onondaga	7458	7628	7458	7476	
Huntersville	7476	7600	7476	7600	Gas check @ 7490 3/10 - 1/2"
Needmore	7600	7628	7600	7628	Gas check @ 7584 19/10 - 1"
Oriskany			7628	7670	
Helderberg	7670	T.D.	7670	T.D.	
Log T.D.	7778		7778		Gas check E.T.D. 8/10 - 7" wat

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

- 1) Well Operator: R. E. Fox and Associates, Inc. (18055) 7 425
- 2) Operator's Well Number: - R. Benson #1 3) Elevation: 2265'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Oriskany/Huntersville Chert
- 6) Proposed Total Depth: 8196 feet
- 7) Approximate fresh water strata depths: 50' 70' 175' 393'
- 8) Approximate salt water depths: None recorded in vicinity of proposed well
- 9) Approximate coal seam depths: None-Mauch Chunk/Loyalhanna Limestone
 exposed at surface
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill new well & *TRAC*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16"	H-40	65#	20'	20'	sanded in
Fresh Water	11 3/4"	H-40	42#	200'	200'	To surface 95 cu. ft.
Coal						380SR18-11.3 380SR18-11.2
Intermediate	8 5/8"	J-55	23#	1400'	1400'	To surface 294 cu. ft.
Production	4 1/2"	M-75	11.6#	NA	8196'	1500' 342 cu. ft.
Tubing	2 3/8"	J-55	4.7#	NA	8100'	380SR18-11.1 None
Liners						

PACKERS : Kind None
 Sizes _____
 Depths set _____

RECEIVED
 JUN 13 1988

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

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

RECEIVED
JUN 13 1988

1) Date: May 27, 1988
2) Operator's well number
R. Benson well #1
3) API Well No: 47 - 061 - 0875
State - County - Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
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:
(a) Name Robert & Waneta Benson
Address #2 Trudy Circle
Mechanicsburg, PA 17055
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Donald Ellis
Address 2604 Crab Apple Lane
Fairmont, W VA 26554
Telephone (304)- 534-5596

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Robert & Waneta Benson
Address #2 Trudy Circle
Mechanicsburg, PA 17055
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

" 367-1832
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 4 on the above named parties, by:
_____ Personal Service (Affidavit attached)
X 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 R. E. Fox & Associates, Inc.
By: [Signature]
Its: President
Address Suite 102, 505 Valleybrook Road
McMurray, PA 15317
Telephone (412) 941-2450

Subscribed and sworn before me this 27th day of May, 1988

[Signature] Notary Public
My commission expires _____
CATHY A. KIRSCH, NOTARY PUBLIC
PETERS TOWNSHIP, WASHINGTON COUNTY
MY COMMISSION EXPIRES MAY 21, 1990
Member, Pennsylvania Association of Notaries

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

- 1) Well Operator: R. E. FOX & ASSOCIATES *18055, 7, 425*
- 2) Operator's Well Number: Benson Well #1 REVISED 3) Elevation: 2265'
- 4) Well type: (a) Oil / or Gas X/
(b) If Gas: Production X/ Underground Storage /
Deep X/ Shallow
- 5) Proposed Target Formation(s): Oriskany/Huntersville Chert
- 6) Proposed Total Depth: 8166 feet
- 7) Approximate fresh water strata depths: -50' 70' 175'
- 8) Approximate salt water depths: None recorded in vicinity of proposed well
- 9) Approximate coal ^{*Below coal*} seam depths: None-Mauch Chunk. Loyalhanna Limestone
exposed at surface
- 10) Does land contain coal seams tributary to active mine? Yes / No X/
- 11) Proposed Well Work: *Drill & Stimulate New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16"	H-40	65#	20'	20'	sanded in
Fresh Water	11-3/4"	H-40	42#	200'	200'	To surface 95 cu. ft.
Coal						<i>385R18-11.3</i>
Intermediate	8-5/8"	J-55	23#	1400'	1400'	To surface 342 cu. ft.
Production	4-1/2"	M-75	11.6#	NA	8166	1500' 342 cu. ft.
Tubing	2-3/3"	J-55	4.7#	NA	8066	<i>385R18-11.3</i> None
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

RECEIVED
JUL 31 1989

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond *Single Letter* Agent
 (Type *Letter*)

4332

RECEIVED
JUL 31 1989

1) Date: July 12, 1989
2) Operator's well number
R. Benson #1
3) API Well No: 47 - 061 - 0932
State - County - Permit

**DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
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:
(a) Name Robert & Waneta Benson
Address #2 Trudy Circle
Mechanicsburg, PA 17055
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Robert & Waneta Benson
Address #2 Trudy Circle
Mechanicsburg, PA 17055
Name _____
Address _____

6) Inspector Donald Ellis
Address 2604 Crab Apple Lane
Fairmont, WV 26554
Telephone (304)-534-5596
304 -367-1832

(c) Coal Lessee with Declaration
Name _____
Address _____

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

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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 R. E. FOX & ASSOCIATES, INC.
By: [Signature]
Its: President
Address 370 Leonard Avenue
Washington, Pennsylvania 15301
Telephone (412) 222-7620

Subscribed and sworn before me this 26th day of July, 1989

Mary Ann Iaconis
My commission expires _____

Notarial Seal
Mary Ann Iaconis, Notary Public
West Milford Borough, Allegheny County
My Commission Expires May 25, 1992

Notary Public