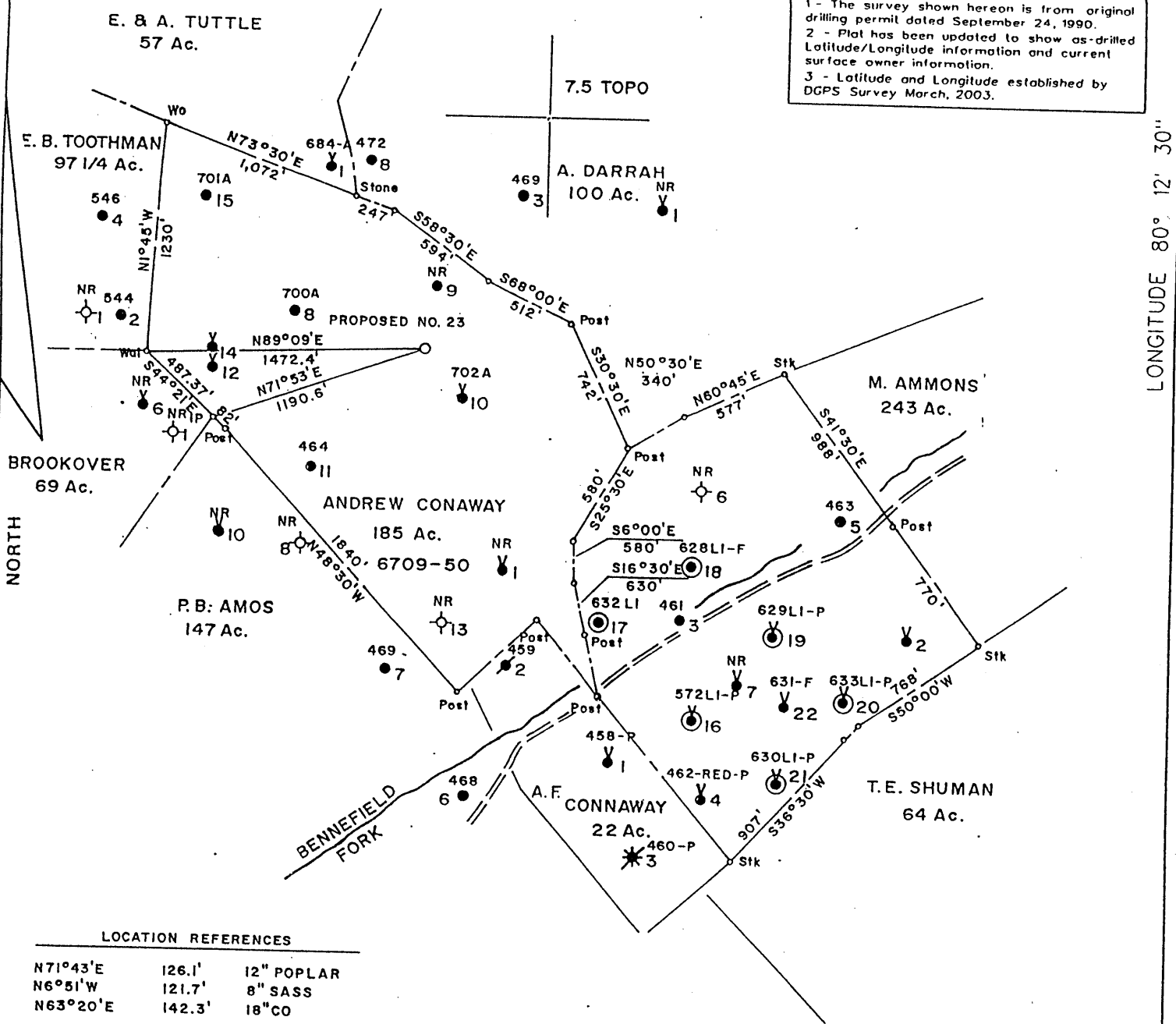


NOTES ON SURVEY

- 1 - The survey shown hereon is from original drilling permit dated September 24, 1990.
- 2 - Plat has been updated to show as-drilled Latitude/Longitude information and current surface owner information.
- 3 - Latitude and Longitude established by DGPS Survey March, 2003.



LOCATION REFERENCES

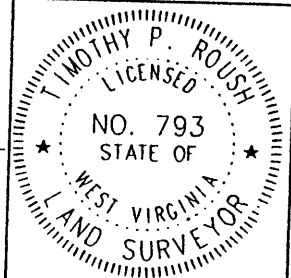
N71°43'E	126.1'	12" POPLAR
N6°51'W	121.7'	8" SASS
N63°20'E	142.3'	18" CO

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

FILE NO. 919
 MAP NO. N61E N 11 S E 21 W
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 2000
 PROVEN SOURCE OF ELEVATION WVDEP Records

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) [Signature]
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA

Division of Environmental Protection
 Office of Oil and Gas
 1356 Hansford St.
 Charleston, West Virginia 25301



DATE March 21, 2003
 FARM Andrew Conaway NO. 23
 API WELL NO. 47-061-0981F

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL OBSERVATION
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,280' WATERSHED Bennefield Prong
 DISTRICT Clay COUNTY Monongalia
 QUADRANGLE Grant Town 7.5'
 SURFACE OWNER Bruce A. Curfman et al. ACREAGE 76.12 Ac.
 OIL & GAS ROYALTY OWNER Appalachian Royalties LEASE ACREAGE 185 Ac.
 LEASE NO. 6907-50
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Acidize Big Lime Formation

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Big Lime, Fifth Sand ESTIMATED DEPTH 3,315 T.D.
 WELL OPERATOR East Resources, Inc. DESIGNATED AGENT Michael McCown
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W. Va. 26105 Vienna, W. Va. 26105

AUG 22 2003

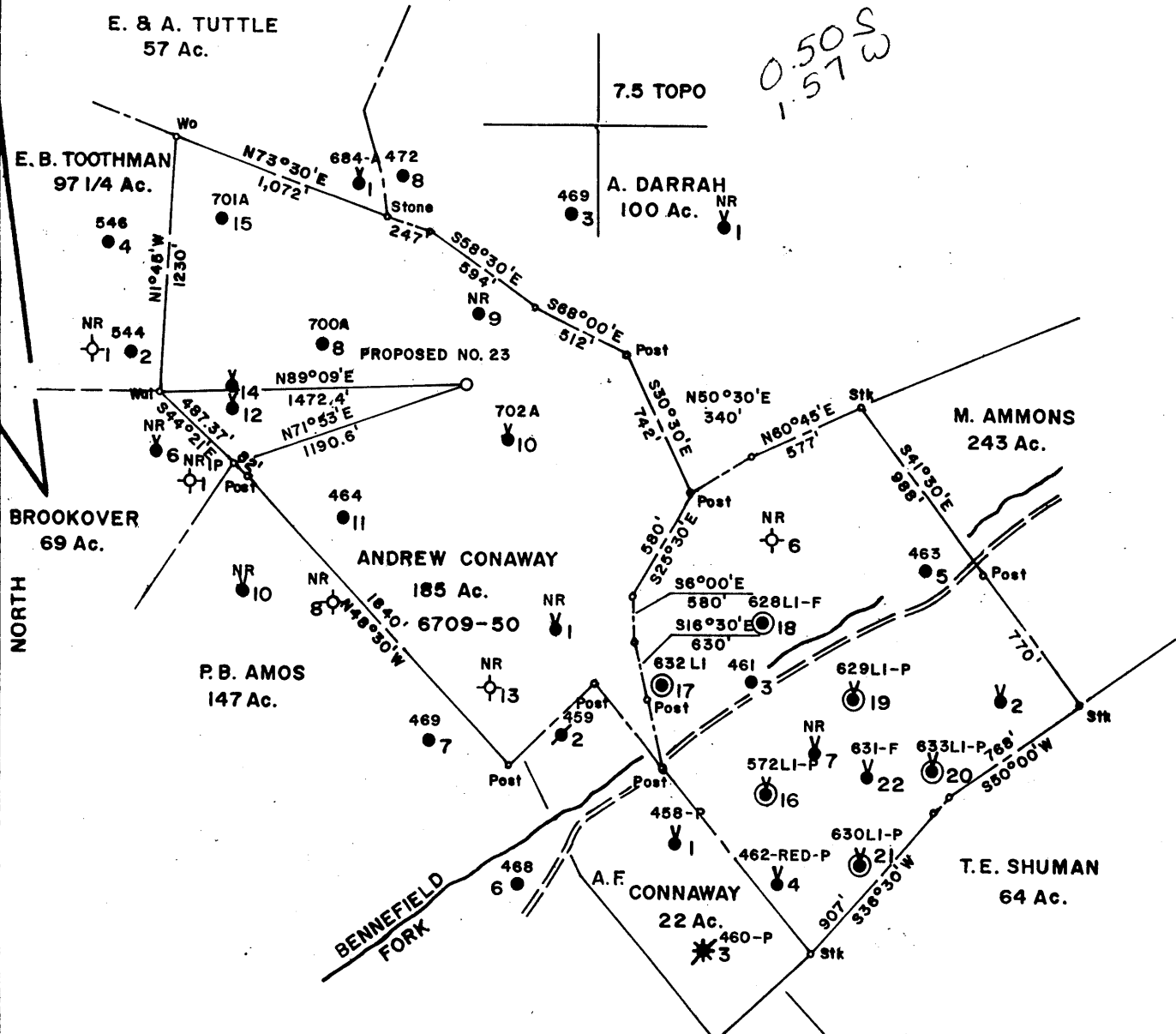
(Fvr-Str 66)

MAP NO 0981F

Jamie 10/9/89

LATITUDE 39° 37' 30"

LONGITUDE 80° 12' 30"



LOCATION REFERENCES

N71°45'E	126.1'	12" POPLAR
N6°51'W	121.7'	8" SASS
N63°20'E	142.3'	18" CO

calc 15' loc
3.38 S
3.79 W

Blacksville
WC

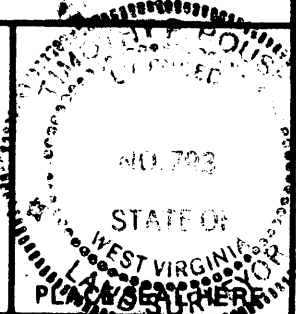
FILE NO. 920
 MAP NO. N61E sps. S11 E21
 SCALE 1" = 800
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION USGS BM AT LSR 22/1 & S.R. 218

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) Timothy P. Roush

TIMOTHY P. ROUSH

P.S. 793



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE SEPTEMBER 24, 1990
 FARM A. CONAWAY NO. 23
 API WELL NO. 47-061-0981
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___ CORE TEST X
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1,280 WATER SHED BENNEFIELD PRONG
 DISTRICT CLAY 3 COUNTY MONONGALIA
 QUADRANGLE GRANT TOWN 7.5
 SURFACE OWNER BRUCE A. CURFMAN ACREAGE 76.12
 OIL & GAS ROYALTY OWNER APPALACHIAN ROYALTIES LEASE ACREAGE 185
 LEASE NO. 6907-50
 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 FIFTH SAND ESTIMATED DEPTH 3,280' 7-0 Fairview - Statter Run
 WELL OPERATOR PENNZOIL PRODUCTS CO. DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P.O. BOX 5519 673 ADDRESS P.O. BOX 5519
VIENNA, WV 26105 VIENNA, WV 26105

OCT 22 1990
Mount Morris (066)

FORM WW-6

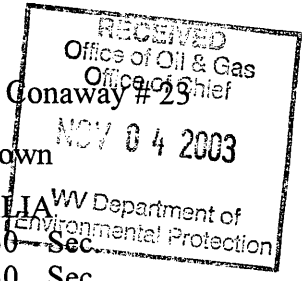
State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

AE

Well Operator's Report of Well Work

Farm name: Curfman, Bruce & Crystal
LOCATION: Elevation: 1,280.00
District: Grant
Latitude: 2,600 Feet south of
Longitude: 8,350 Feet west of

Operator Well No.: A. Conaway #23
Quadrangle: Grant Town
County: MONONGALIA
39 Deg 37 Min 30 Sec
80 Deg 12 Min 30 Sec.



Company: EAST RESOURCES, INC.
P.O. BOX 5519
VIENNA, WV 26105-5519

Agent: MICHAEL MCCOWN

Inspector: Terry Urban

Permit Issued: 08/18/03
Well work Commenced: 10/20/03
Well work Completed: 10/31/03

Verbal plugging permission granted on:
Rotary Cable Rig
Total Depth (feet) 3315'
Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N
Coal Depths (ft): 797-805

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	864.90'	864.90'	370 sks
4 1/2"	3279.60'	3279.60'	420 sks

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth (ft) 2102'-2120'
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow Bbl/d
 Final open flow 9 MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock pressure psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)
 Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
 Final open flow MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED 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.

For: EAST RESOURCES, INC.
By: [Signature]
Date: 11/3/03

NOV 14 2003

MONOW 0981

Treatment : Treated perforations 2108'-2116' w/ 2000 gals 15% HCL

Well Log : See original well record

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

Well Operator's Report of Well Work

Farm name: CURFMAN, BRUCE & CRYSTAL Operator Well No.: A. CONAWAY 23

LOCATION: Elevation: 1280.00 Quadrangle: GRANT TOWN

District: CLAY County: MONONGALIA
Latitude: 2600 Feet South of 39 Deg. 37Min. 30 Sec.
Longitude 8350 Feet West of 80 Deg. 12 Min. 30 Sec.

Company: PENNZOIL PRODUCTS COMPANY
P. O. BOX 5519
VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: DONALD ELLIS
Permit Issued: 10/12/90
Well work Commenced: 12-7-90
Well work Completed: 12-17-90
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 3315
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 797'-805'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft. To Surface
8-5/8	864.90		370 Sks.
4-1/2	3279.60	3279.60	420 Sks.

OPEN FLOW DATA

Producing formation * Pay zone depth (ft)
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

* Core test only, will complete well at a later date.

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED 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.

For: PENNZOIL PRODUCTS COMPANY
By: Timothy P. Roush Timothy P. Roush
Date: April 17, 1991

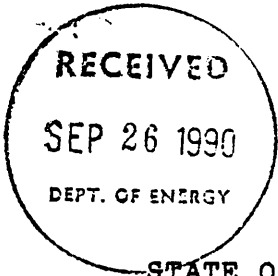
APR 26 1991

Stimulation - Not perforated or treated.

Well Log

Sand & Shale	0-797
Pittsburgh Coal	797-805
Sand & Shale	805-1314
Sand	1314-1351
Sand & Shale	1351-1524
Sand	1524-1550
Shale	1550-1603
Sand	1603-1643
Shale	1643-1713
Salt Sand	1713-1811
Shale	1811-2000
Little Lime	2000-2011
Blue Munday	2011-2036
Pencil Cave	2036-2041
Big Lime	2041-2101
Loyalhanna	2101-2178
Big Injun	2178-2299
Pocono Shale	2299-2378
Sand	2378-2392
Shale	2392-2560
Sand & Shale	2560-3218
Fifth Sand	3218-3233
Sand & Shale	3233-3315

11321



1) Date: September 24, 1990
2) Operator's well number
ANDREW CONAWAY NO. 23
3) API Well No: 47 - 061 - 0981
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:
(a) Name Bruce & Crystal Curfman
Address c/o Cecil Curfman
PO Box 100 Fairview, WV 26570
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Don Ellis
Address 2604 Crab Apple Lane
Fairmont, WV 26554
Telephone (304) - 534-5596

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Consolidation Coal Co.
Address P.O. Box 1314
Morgantown, WV 26507-1314
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 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 Pennzoil Products Company
By: [Signature] Timothy P. Roush
Its: Supervisor, Surveying/Mapping
Address P.O. Box 5519
Vienna, WV 26105-5519
Telephone 304-422-6565

Subscribed and sworn before me this 25th day of September, 1990

[Signature] Notary Public
My commission expires June 15, 1997

061 981

Issued 10/12/90

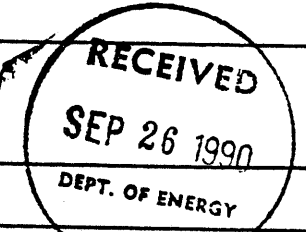
Expires 10/12/92

Page 3 of 4

FORM WW-2B

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

- 1) Well Operator: Pennzoil Products Company ⁶⁷³ 37450 (3) 380
- 2) Operator's Well Number: ANDREW CONAWAY NO. 23 3) Elevation: 1280'
- 4) Well type: (a) Oil or Gas Core Test /
(b) If Gas: Production Underground Storage
Deep Shallow
- 5) Proposed Target Formation(s): Fifth Sand
- 6) Proposed Total Depth: 3280' feet
- 7) Approximate fresh water strata depths: N/A 351'
- 8) Approximate salt water depths: 1694' / 1664'
- 9) Approximate coal seam depths: 794' 351'-354', 617'-621', 709'-713'
- 10) Does land contain coal seams tributary to active mine? Yes / No
- 11) Proposed Well Work: Drill and core test. 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						
Fresh Water						<u>3805R18-11.3</u>
Coal	8-5/8"		20.0	850'	850'	To surface
Intermediate						<u>3805R18-11.2.2</u>
Production	4-1/2"	J-55	9.5	3270'	3270'	Over Salt Sand
Tubing						<u>3805R18-11.1</u>
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

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

0543
21