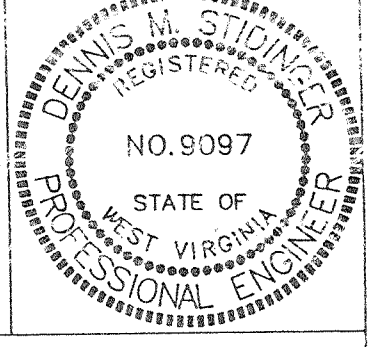


FILE NO. 196-56
 DRAWING NO. 360 92-153
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION CENTER OF ROAD
 (+) CENTER OF CULVERT
 ELEV. = 1150.5

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) Dennis M. Stidinger
 R.P.E. NO. 9097 L.L.S.



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

DATE JUNE 10, 19 92
 OPERATOR'S WELL NO. 1
 API WELL NO. 47 049 0995-F
 STATE 47 COUNTY 049 PERMIT 0995-F
 CANCELLED

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

LOCATION: ELEVATION 1205 WATER SHED TYGART RIVER
 DISTRICT UNION COUNTY MARION
 QUADRANGLE 7.5' FAIRMONT EAST

SURFACE OWNER JOHN O. HADDIX ACREAGE 30.38
 OIL & GAS ROYALTY OWNER THOMAS A. & LILLIAN W. HITE 50% & K.F. MORAN 50% LEASE ACREAGE 15.0
 LEASE NO. 47-009-01 & 47-009-02

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

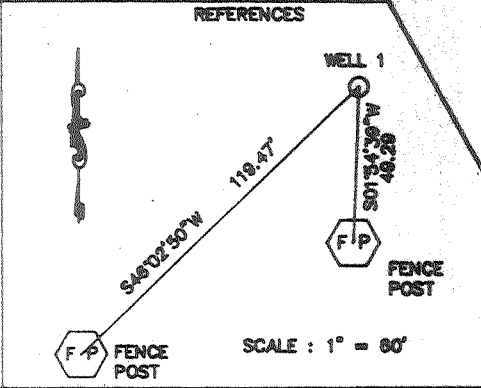
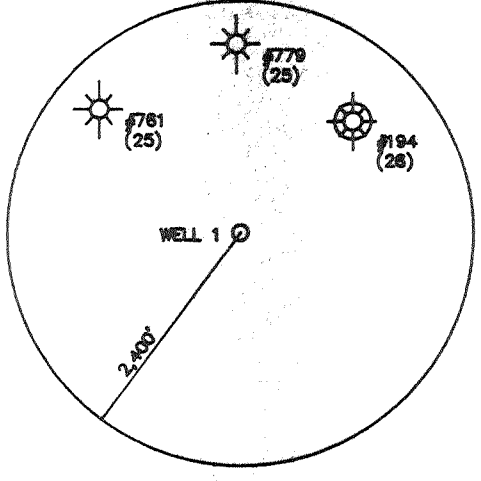
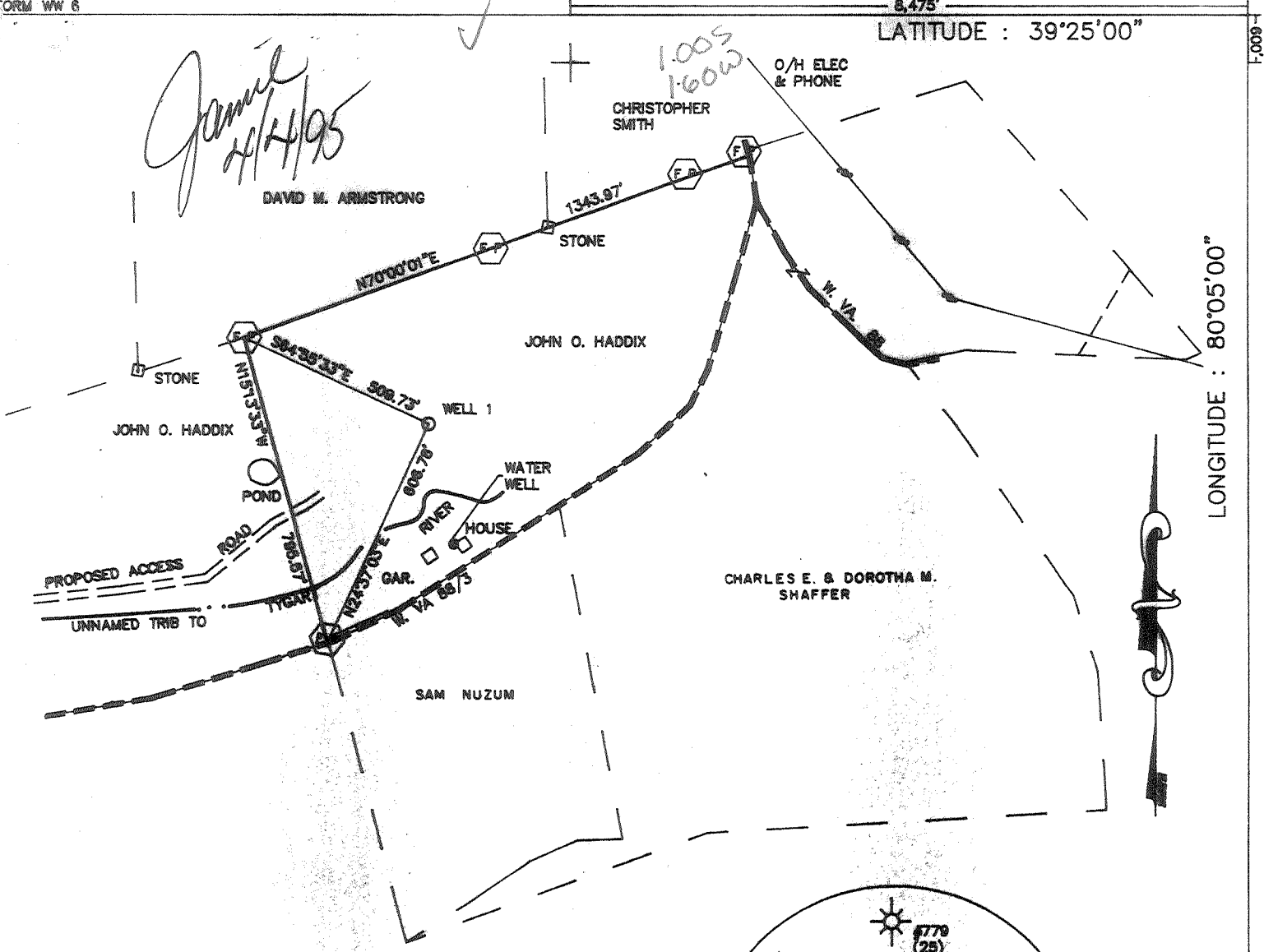
PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Devonian 4th Sand ESTIMATED DEPTH 2,150
 WELL OPERATOR MID-PENN ENERGY CORP. DESIGNATED AGENT J. Thomas Lane Esq
 ADDRESS 434 BEAVER ST. SEWICKLEY, PA. 15143 ADDRESS BOWLES, RICE, McDAVID, GRAFF & LOVE
16th Floor Commerce Square / Charleston, W.Va. 25301

JUN 14 1999

FORM WV-6 H.T. HALL 48673

MARION COUNTY NAME PERMIT 0995 CANCEL

Jamie
2/14/95



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

FILE NO. 196-56
 DRAWING NO. 360.92-153
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION CENTER OF ROAD
 ● CENTER OF CULVERT
 ELEV. = 1150.5

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) Dennis M. Stidinger
 R.P.E. NO. 9097 L.L.S.



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

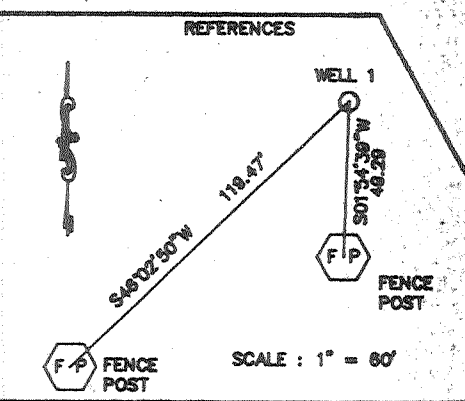
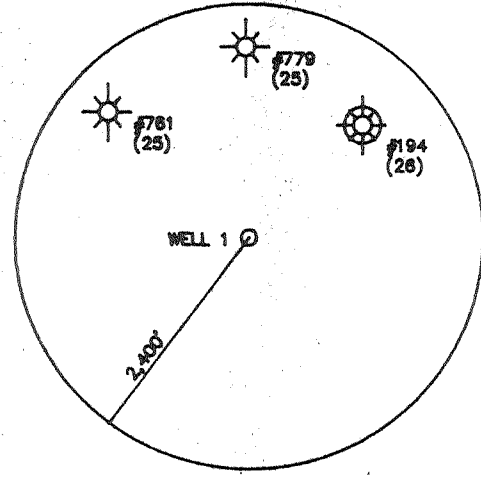
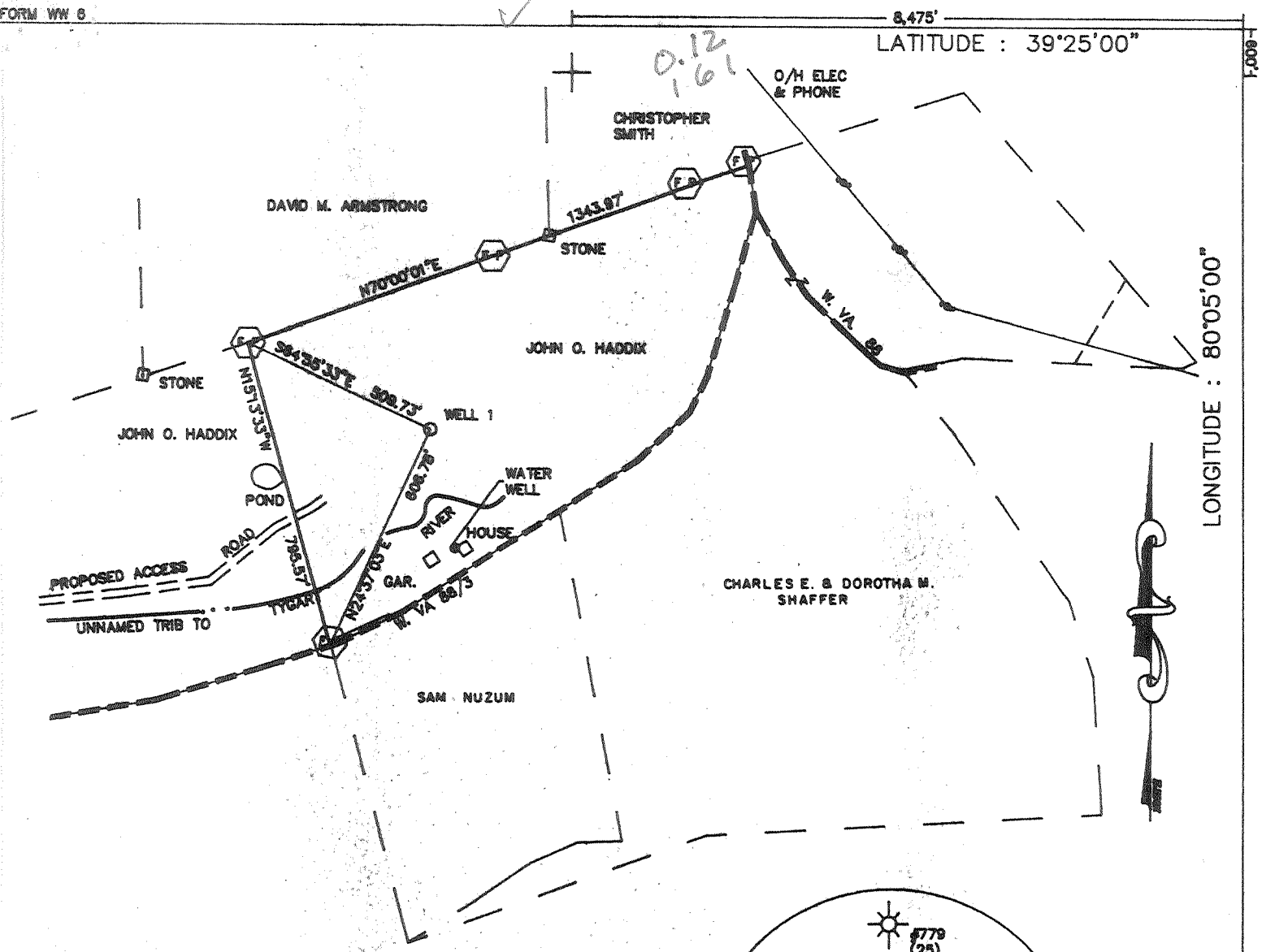


DATE JUNE 10, 19 92
 OPERATOR'S WELL NO. 1
 API WELL NO. 47 049 0995-1
 STATE 47 COUNTY 049 PERMIT 0995-1

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1205 WATER SHED TYGART RIVER
 DISTRICT UNION COUNTY MARION
 QUADRANGLE 7.5 FAIRMONT EAST
 SURFACE OWNER JOHN O. HADDIX ACREAGE 30.38
 OIL & GAS ROYALTY OWNER THOMAS A. & LILLIAN W. HITE 50% & K.F. MORAN 50% LEASE ACREAGE 15.0
 LEASE NO. 47-009-01 & 47-009-02
 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 Devonian 4th Sand ESTIMATED DEPTH 2,150
 WELL OPERATOR MID-PENN ENERGY CORP. DESIGNATED AGENT J. Thomas Lane Esq
 ADDRESS 434 BEAVER ST. SEWICKLEY, PA. 15143 ADDRESS BOWLES, RICE, McDAVID, GRAFF & LOVE
16th Floor Commerce Square / Charleston, W.Va. 25301

COUNTY NAME MAR PERMIT 0995

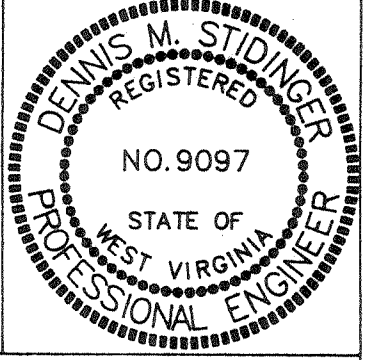


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 196-56
 DRAWING NO. 360.92-153
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION CENTER OF ROAD
 CENTER OF CULVERT
 ELEV. = 1150.5

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) Dennis M. Stidinger
 R.P.E. NO. 9097 L.L.S.



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



DATE JUNE 10, 1992
 OPERATOR'S WELL NO. 1
 API WELL NO.

47 049 0995
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1205 WATER SHED TYGART RIVER
 DISTRICT UNION COUNTY MARION
 QUADRANGLE 7.5 FAIRMONT EAST

SURFACE OWNER JOHN O. HADDIX ACREAGE 30.38
 OIL & GAS ROYALTY OWNER THOMAS A. & LILLIAN W. HITE 50% & K.F. MORAN 50% LEASE ACREAGE 15.0
 LEASE NO. 47-009-01 & 47-009-02

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 Devonian 4th Sand ESTIMATED DEPTH 2,150
 WELL OPERATOR MID-PENN ENERGY CORP. DESIGNATED AGENT J. Thomas Lane Esq.
 ADDRESS 434 BEAVER ST. SEWICKLEY, PA. 15143 ADDRESS BOWLES, RICE, McDAVID, GRAFF & LOVE
 16th Floor Commerce Square / Charleston, W.Va. 25301

COUNTY NAME PERMIT

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

Well Operator's Report of Well Work

Farm name: HADDIX, JOHN & PAULINE Operator Well No.: HADDIX #1

LOCATION: Elevation: 1,205.00 Quadrangle: FAIRMONT EAST

District: UNION County: MARION
Latitude: 600 Feet South of 39 Deg. 25Min. 0 Sec.
Longitude 8475 Feet West of 80 Deg. 5 Min. 0 Sec.

Company: MID-PENN ENERGY CORPORATI
434 BEAVER STREET
SEWICKLEY, PA 15143-0000

Agent:

Inspector: RANDAL MICK
Permit Issued: 03/01/93
Well work Commenced: 3/3/93
Well work Completed: 3/6/93
Verbal Plugging
Permission granted on: 3/6/93
Rotary X Cable Rig
Total Depth (feet) 2307'
Fresh water depths (ft) 186-188'
Salt water depths (ft) None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	51'	51'	sanded in
8-5/8"	663.85'	663.85'	170 sx

Is coal being mined in area (Y/N)? Y
Coal Depths (ft): 20-25'; 149-152';
231-238'; 270-278'; 337-341'; 396-408';
411-416'; 483-502'; 505-514'; 586-605'
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

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: MID-PENN ENERGY CORPORATION

By: Shannon S. Johnson, President

Date: March 27, 1995

John & Pauline Haddix #1

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>Comments</u>
Gravel, dirt	0	5	
Sand	5	20	
Coal, black shale	20	25	
Shale	25	149	
Coal	149	152	
Shale	152	172	
Sand	172	174	
Shale	174	186	
Sand	186	188	
Shale	188	231	
Coal	231	238	
Dark shale	238	244	
Lime	244	247	
Shale	247	254	
Sand	254	257	
Shale	257	270	
Coal	270	278	
Sand	278	289	
Shale	289	318	
Sand	318	236	
Shale	326	337	
Coal	337	341	
Sand	341	354	
Shale	354	358	
Sand	358	396	
Coal	396	408	
Sand	408	411	
Coal	411	416	
Sand	416	429	
Shale	429	435	
Sand	435	445	
Shale	445	457	
Sand	457	471	
Shale	471	479	
Sand	479	483	
Coal	483	502	
Sand	502	505	
Coal	505	514	
Sand	514	529	
Shale	524	578	
Sand	578	586	
Coal	586	605	
Shale	605	833	
Sand	833	845	
Shale	845	860	
Sand	860	960	
Shale	960	975	
Sand	975	1009	
Shale	1009	1090	

John & Pauline Haddix #1

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>Comments</u>
Sand	1090	1102	
Shale	1102	1131	
Sand	1131	1139	
Shale	1139	1338	
Sand	1338	1345	
Shale	1345	1372	
Sand	1372	1375	
Shale	1375	1400	
Sand	1400	1412	
Shale	1412	1540	
Sand	1540	1570	
Shale	1570	1880	
Sand	1880	1900	
Shale	1900	1910	
Sand	1910	1950	
Shale	1950	1990	
Sand	1990	2050	
Shale	2050	2094	
Sand	2094	2104	
Shale	2104	2307	
TD	2307		

Well plugged 3/6/93 w/ 52 sx total 50/50 Pozmix A w/ 10% sale & 2% gel as follows:

- 2307 - 1962 Plug #1
- 1962 - 1862 Plug #2
- 1862 - 816 Plug #3
- 816 - 716 Plug #4

Plug failed. Waiting on completion orders.

1) Date: July 6, 1992
2) Operator's well number
Haddix #1
3) API Well No: 47 - 049 - 0995
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 John O. & Pauline M. Haddix
Address Rt4, Box 440
Fairmont, WV 26554
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Randal Mick
Address Rt. 3, Box 248
Weston, WV 26452
Telephone (304)-269-2335

5) (a) Coal Operator:
Name Martinka Coal Co.
Address P.O. Box 1233
Charleston, WV 25234
(b) Coal Owner(s) with Declaration
Name Martinka Coal Co.
Address P.O. Box 1233
Charleston, WV 25234
Name _____
Address _____
(c) Coal Lessee with Declaration
Name Martinka Coal Co.
Address P.O. Box 1233
Charleston, WV 25234

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:
_____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

RECEIVED
WV Division of
Environmental Protection
FEB 26 93
Permitting
Office of Oil & Gas

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.

Notarial Seal
Ellen J. Lower, Notary Public
Sewickley Boro, Allegheny County
My Commission Expires April 24, 1995
Member, Pennsylvania Association of Notaries

Well Operator Mid-Penn Energy Corporation
By: Christopher B. Wallace, Christopher B. Wallace
Its: Attorney-in-Fact
Address 434 Beaver Street
Sewickley, PA 15143
Telephone (412) 741-7015

Subscribed and sworn before me this 6th day of July, 1992
Ellen J. Lower Notary Public
My commission expires April 24, 1995

47049-0995
Issued 3/1/93
Expires 3/1/95
Page ___ of ___

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

- 1) Well Operator: Mid-Penn Energy Corporation **32255 (6) 342**
- 2) Operator's Well Number: John O. Haddix #1 3) Elevation: 1205'
- 4) Well type: (a) Oil or Gas
 (b) If Gas: Production Underground Storage
 Deep Shallow
- 5) Proposed Target Formation(s): Upper Devonian 4th sand @ 2021' - 2066'
- 6) Proposed Total Depth: 2275' feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: 1189' - 1234'
- 9) Approximate coal seam depths: 235', 383', 431', 590'
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Drill and complete Upper Devonian 4th sand
- 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	11-3/4"	LS	36#	40'	40'	3805/11.3
Fresh Water						
Coal	8-5/8"	J	23#	650'	650'	cement to surface
Intermediate						3805/11.2.2
Production	4-1/2"	J	10.5#	2200'	2200'	fill to 1521'
Tubing						3805/11.1
Liners						

RECEIVED
WV Division of
Environmental Protection

FEB 26 93

PACKERS : Kind _____
 Sizes _____
 Depths set _____

ch 3377

For Division of Oil and Gas, Use Only

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

2001340

RECEIVED
WV Division of
Environmental Protection
FEB 27 1995
Permitting
Office of Oil & Gas

- 1) Date: Feb. 22, 1995
- 2) Operator's well number
Haddix #1
- 3) API Well No: 47 - 049 - 0995 - F
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 John O. & Pauline M. Haddix
Address Rt. 4, Box 440
Fairmont, WV 26554
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name Martinka Coal Co.
Address P.O. Box 1233
Charleston, WV 25234
 - (b) Coal Owner(s) with Declaration
 - Name Martinka Coal Co.
Address P.O. Box 1233
Charleston, WV 25234
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
 - Name Martinka Coal Co.
Address P.O. Box 1233
Charleston, WV 25234
- 6) Inspector Randal Mick
Address 111 Blackshere Dr.
Mannington, WV 26582
Telephone (304) - 986-3324

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:

- _____ 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 Mid-Penn Energy Corporation
 By: [Signature], Shannon S. Johnson
 Its: President
 Address 434 Beaver Street
Sewickley, PA 15143
 Telephone (412) 741-7015

Notarial Seal
 Ellen J. Lowen, Notary Public
 Sewickley Boro, Allegheny County
 My Commission Expires April 24, 1995
 Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this 22nd day of February, 1995

Ellen J. Lowen Notary Public

My commission expires April 24, 1995

RECEIVED
 WV Division of
 Environmental Protection

049-0995-Frac Issued 04/06/95

20289

FORM WW-2B FEB 27 1995

Page ___ of ___
 Expires 04/06/97

Permitting
 Office of Oil & Gas

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

- 1) Well Operator: 5567 Mid-Penn Energy Corporation (#32255) (6) 342
- 2) Operator's Well Number: John O. Haddix #1 3) Elevation: 1205'
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production ___ / Underground Storage ___ /
 Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): 421 Upper Devonian 4th sand @ 2021' - 2066'
- 6) Proposed Total Depth: 2307' feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: 1189' - 1234'
- 9) Approximate coal seam depths: 235', 383', 431', 590'
- 10) Does land contain coal seams tributary to active mine? Yes X / No ___ /
- 11) Proposed Well Work: Frac existing well that was never completed.
- 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	11-3/4"	LS	36#	40'	40'	
Fresh Water						
Coal	8-5/8"	J	23#	650'	650'	CEMENT FROM WELL HEAD TO SURFACE
Intermediate						3905 R/W 1
Production	4-1/2"	J	10.5#	2200'	2200'	fill to 1521'
Tubing						
Liners						

New Pipe to Run

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 _____ Agent _____
 (Type)

4862
 110

6