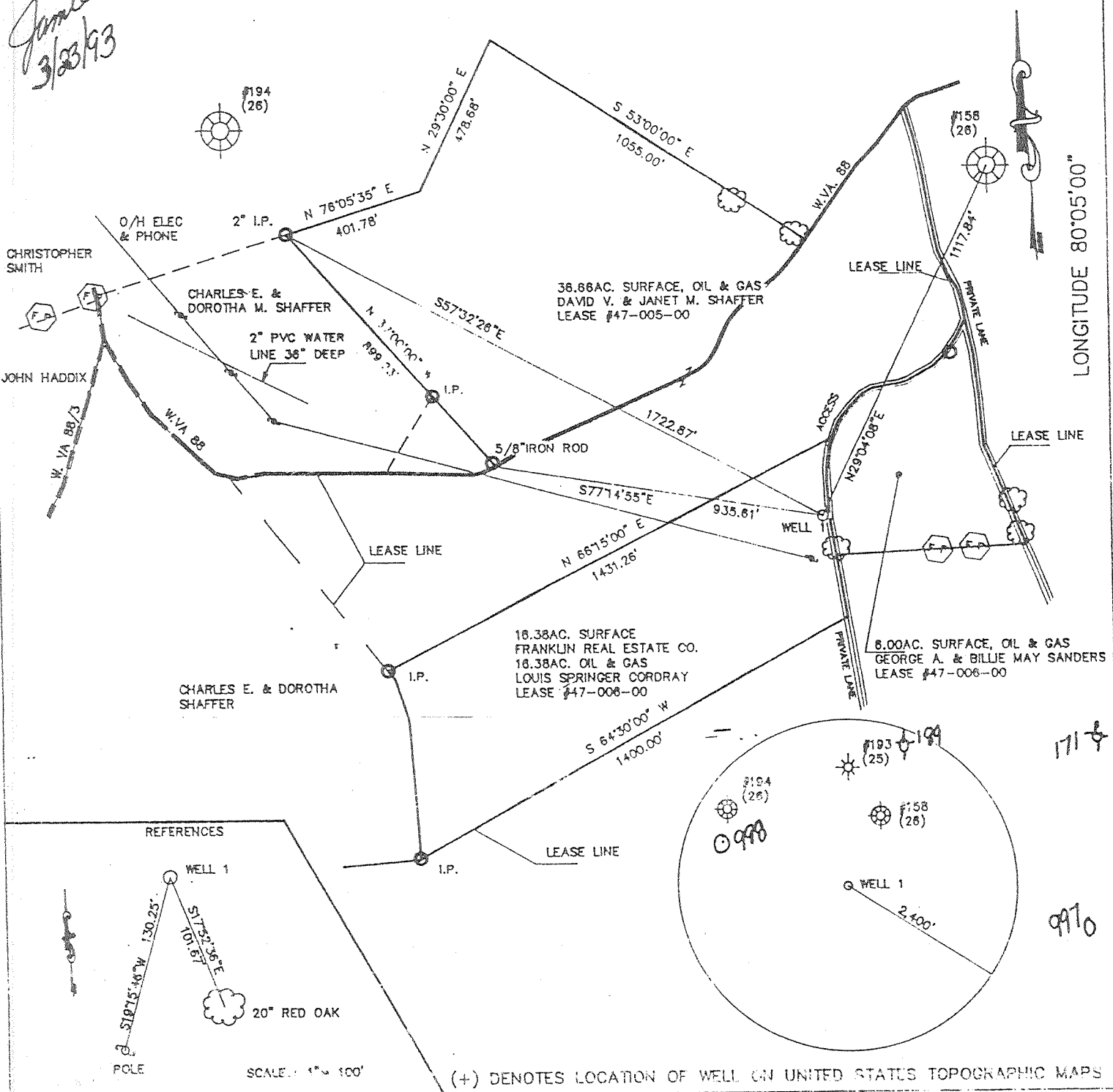
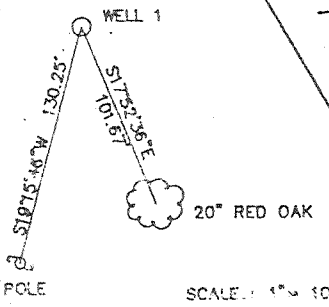


*Jamie*  
3/23/93



REFERENCES



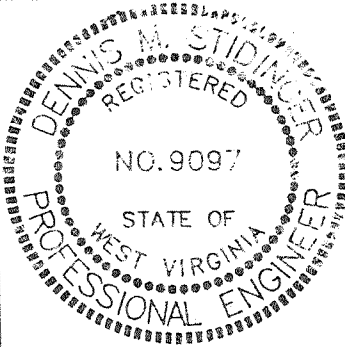
SCALE: 1" = 100'

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

FILE NO. 196-46  
 DRAWING NO. 360.92-134  
 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 11, 19 92  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47 049 1000-F

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1130 WATER SHED TYGART VALLEY RIVER  
 DISTRICT UNION COUNTY MARION  
 QUADRANGLE 7.5' FAIRMONT EAST  
 SURFACE OWNER FRANKLIN REAL ESTATE CO. ACREAGE 16.38  
 OIL & GAS ROYALTY OWNER SEE ABOVE LEASE ACREAGE 59.04  
 LEASE NO. 47-005-00, 47-006-00, 47-006-00

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

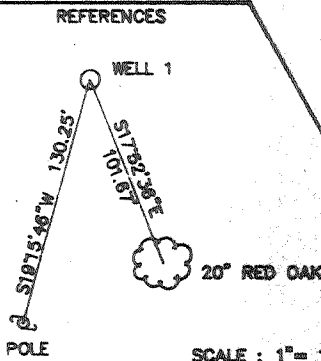
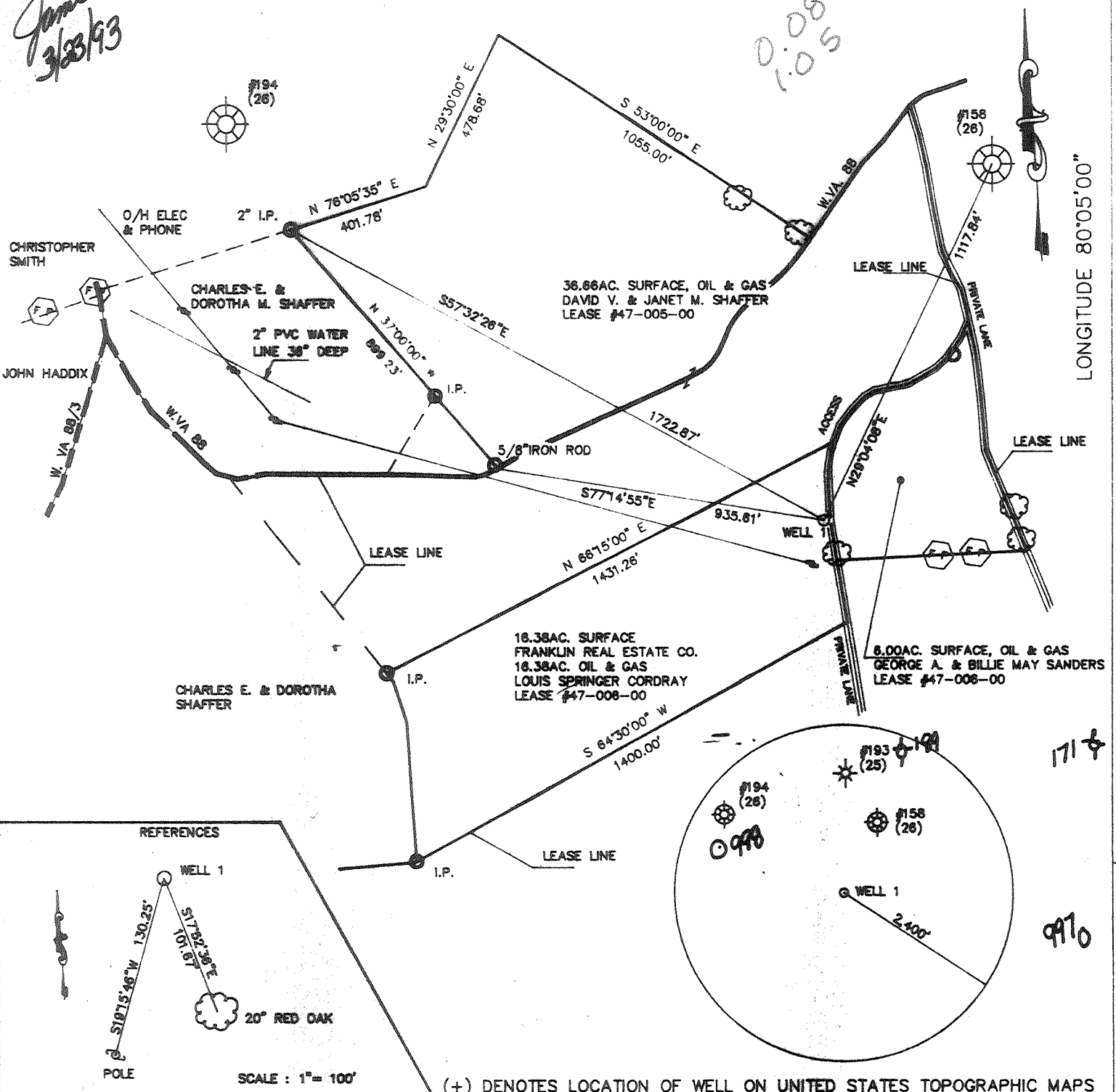
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Devonian 4th Sand ESTIMATED DEPTH 2,150  
 WELL OPERATOR MID-PENN ENERGY CORP. DESIGNATED AGENT J. Thomas Lane Esq.  
 ADDRESS 434 BEAVER ST. SEWICKLEY, PA. 15143 ADDRESS BOWLES, RICE, McDAVID, GRAFF & LOVE  
16th Floor Commerce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

JUN 14 1999

MAR 1000 CANC.

*James*  
*3/23/93*

*0.08*  
*1.05*

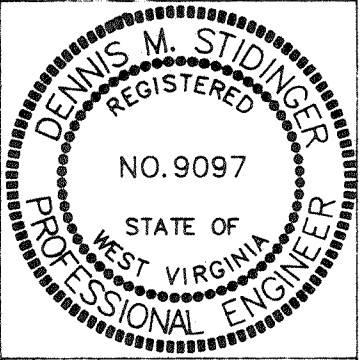


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 196-46  
 DRAWING NO. 360.92-154  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION CENTER OF ROAD  
 ● CENTER OF CULVERT  
 ELEV. = 1150.5

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(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 11, 19 92  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47 049 1000-F  
 STATE COUNTY PERMIT

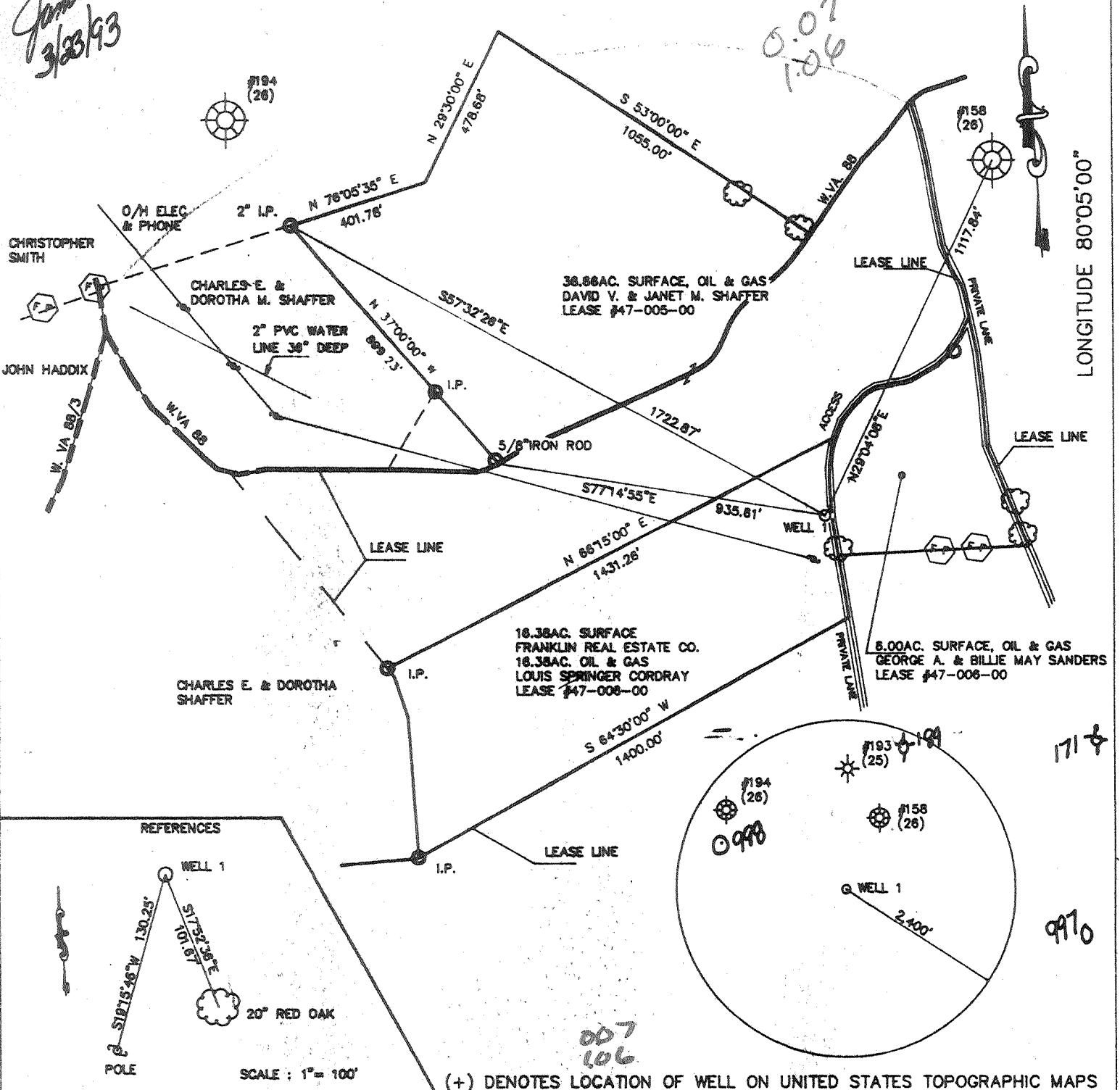
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1130 WATER SHED TYGART VALLEY RIVER  
 DISTRICT UNION COUNTY MARION  
 QUADRANGLE 7.5' FAIRMONT EAST  
 SURFACE OWNER FRANKLIN REAL ESTATE CO. ACREAGE 16.38  
 OIL & GAS ROYALTY OWNER SEE ABOVE LEASE ACREAGE 59.04  
 LEASE NO. 47-005-00, 47-006-00, 47-006-00  
 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

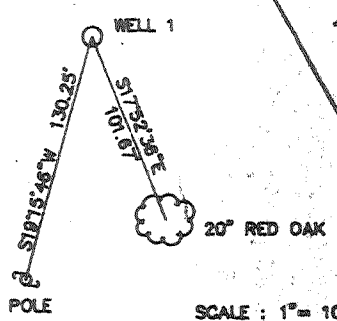
COUNTY NAME MAR  
 PERMIT 1000

*James*  
*3/23/93*

*0.07*  
*1.06*



REFERENCES



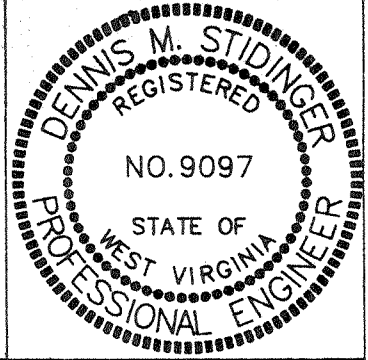
SCALE: 1" = 100'

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 DRAWING NO. 360.92-154  
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 PROVEN SOURCE OF ELEVATION CENTER OF ROAD  
 ● CENTER OF CULVERT  
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(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 11, 19 92  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47 049 1000

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1130 WATER SHED TYGART VALLEY RIVER  
 DISTRICT UNION COUNTY MARION  
 QUADRANGLE 7.5' FAIRMONT EAST  
 SURFACE OWNER FRANKLIN REAL ESTATE CO. ACREAGE 16.38  
 OIL & GAS ROYALTY OWNER SEE ABOVE LEASE ACREAGE 59.04  
 LEASE NO. 47-005-00, 47-006-00, 47-006-00  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE X 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: FRANKLIN REAL ESTATE Operator Well No.: 1

LOCATION: Elevation: 1130' Quadrangle: 7.5' Fairmont East

District: UNION County: MARION  
Latitude: 475 Feet South of 39 Deg. 25 Min. 00 Sec.  
Longitude 5575 Feet West of 80 Deg. 05 Min. 00 Sec.

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

Agent:

Inspector: RANDAL MICK  
Permit Issued: 03/24/93  
Well work Commenced: 4/7/93  
Well work Completed: 4/9/93  
Verbal Plugging  
Permission granted on:  
Rotary X Cable Rig  
Total Depth (feet) 2308'  
Fresh water depths (ft) None  
Salt water depths (ft) None

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			sanded in
11-3/4"	43'	43'	
8-5/8"	610.76'	610.76'	160 sx

Is coal being mined in area (Y/N)? Y  
Coal Depths (ft): 40-41'; 120-124';  
223-226'; 361-370'; 409-418'

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

Well is waiting on completion orders.

Franklin Real Estate #1

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>Comments</u>
Sand & shale	0	40	
Coal	40	41	
Sand & shale	41	120	
Coal	120	124	
Sand & shale	124	193	
Shale	193	223	
Coal & shale	223	226	
Sandy shale	226	361	
Coal/dark shale	361	370	
Sandy shale	370	376	
Shale	376	391	
Dark shale	391	403	
Sand	403	409	
Shale, dark & coal	409	418	
Shale	418	450	
Sand	450	456	
Shale	456	469	
Sand	469	488	
Shale	488	525	
Sand	525	548	
Shale	548	797	
Lime	797	948	
Shaley lime	948	1021	
Shale	1021	1168	
Sand	1168	1171	
Shale	1171	1420	
Sand	1420	1444	
Shale	1444	1586	
Sand	1586	1593	
Shale	1593	1848	
Sand	1848	1874	
Shale	1874	1900	
Sandy shale	1900	2308	
TD	2308		

RECEIVED  
WV Division of  
Environmental Protection

049-1000-Frac.

FORM WW-2B

FEB 27 1995

STATE OF WEST VIRGINIA

Page \_\_\_ of \_\_\_

Issued 04/05/95

Expires 04/05/97

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
Permitting Office of Oil & Gas  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Mid-Penn Energy Corporation (#32255) (C) 342
- 2) Operator's Well Number: Franklin Real Estate Co. #1 3) Elevation: 1130'
- Well type: (a) Oil \_\_\_ / or Gas X /
- (b) If Gas: Production \_\_\_ / Underground Storage \_\_\_ /  
Deep \_\_\_ / Shallow X /
- 5) Proposed Target Formation(s): Upper Devonian 4th sand @ 1856' - 1891'
- 6) Proposed Total Depth: 2100' feet
- 7) Approximate fresh water strata depths: \_\_\_\_\_
- 8) Approximate salt water depths: 1024' - 1069'
- 9) Approximate coal seam depths: 70', 218', 266', 425'
- 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
Conductor	11-3/4"	LS	36#	40'	40'	
Fresh Water						
Coal	8-5/8"	J	23#	600'	600'	cement to surface
Intermediate						
Production	4-1/2"	J	10.5#	2050'	2050'	fill to 1356'
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

4862/10

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP

Plat  WW-9  WW-2B  Bond 50 000  Agent

(Type)

**RECEIVED**  
WV Division of  
Environmental Protection

FEB 27 1995

- 1) Date: February 22, 1995
- 2) Operator's well number  
Franklin Real Estate Co. #1
- 3) API Well No: 47 - 049 - 1000 - F  
State - County - Permit

Permitting  
Office of Oil & Gas

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
  - (a) Name Franklin Real Estate Co.  
Address P.O. Box 700  
Lancaster, OH 43130
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector Randal Mick  
Address 111 Blackshere Dr.  
Mannington, WV 26582  
Telephone (304)- 986-3324

- 5) (a) Coal Operator:
  - Name Martinka Coal Co.  
Address P.O. Box 1233  
Charleston, WV 25234 25324
  - (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)

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

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

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

Ellen J. Lowen

Notary Public

My commission expires April 24, 1995





Page 1 of \_\_\_\_\_  
Form WW2-A  
(09/87)  
File Copy

Office of Oil & Gas  
2 2 88

1) Date: July 6, 1992  
2) Operator's well number  
Franklin Real Estate Co. #1  
3) API Well No: 47 - 049 - 1000  
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 Franklin Real Estate Co.  
Address P.O. Box 700  
Lancaster, OH 43130  
(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

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Notarial Seal  
Ellen J. Lowen, Notary Public  
Sewickley Boro, Allegheny County  
My Commission Expires April 24, 1995

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, 19 92

Ellen J. Lowen Notary Public  
My commission expires April 24, 1995