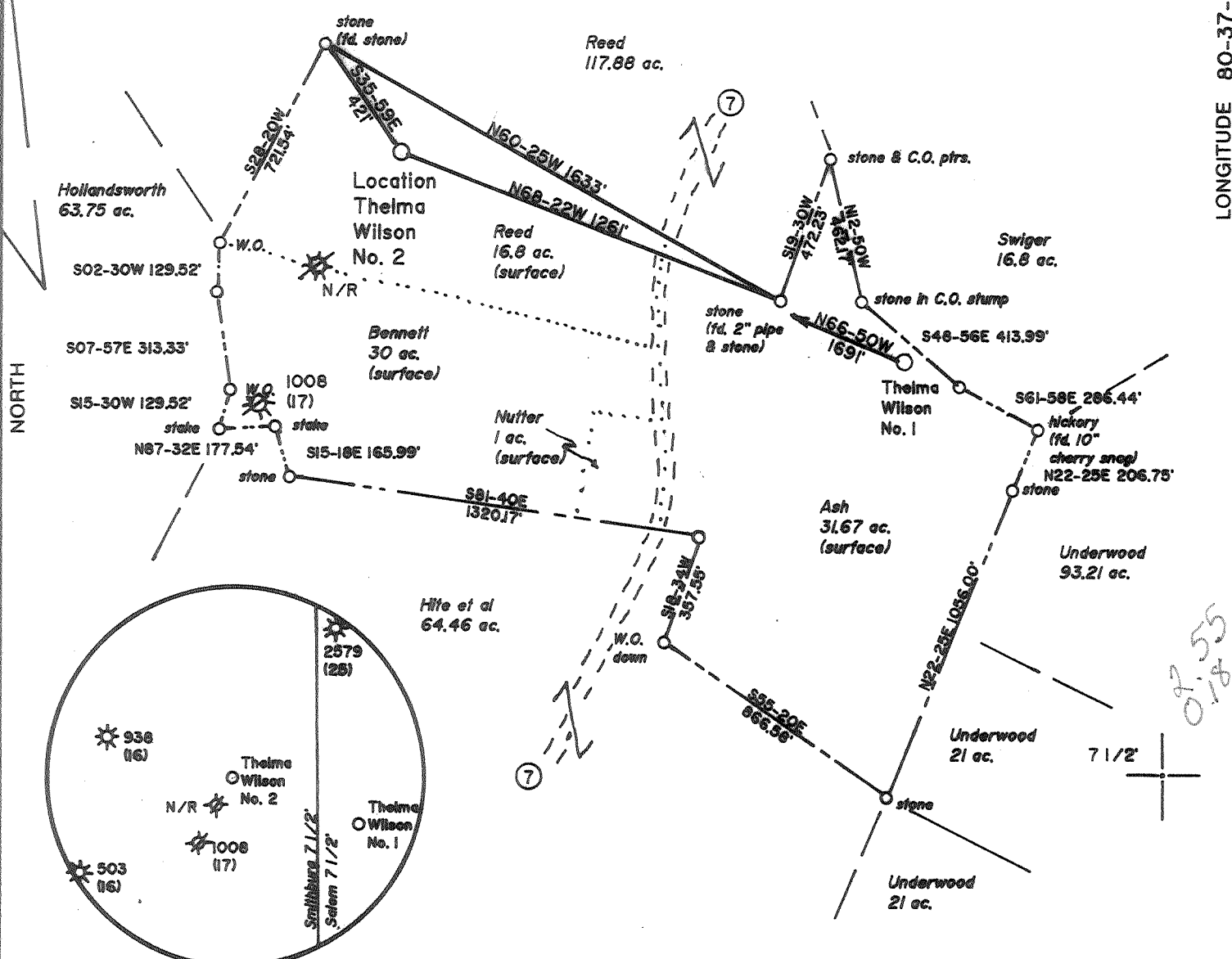
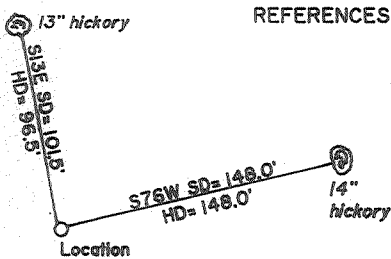


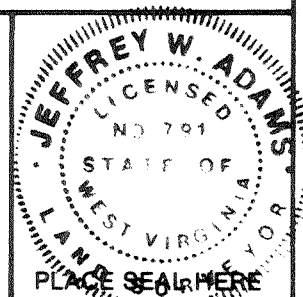
REFERENCES



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Top of Knob 1500'  
SW of Location: elev. 1375'

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) Jeffrey W. Adams  
 R.P.E. \_\_\_\_\_ L.L.S. 791



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

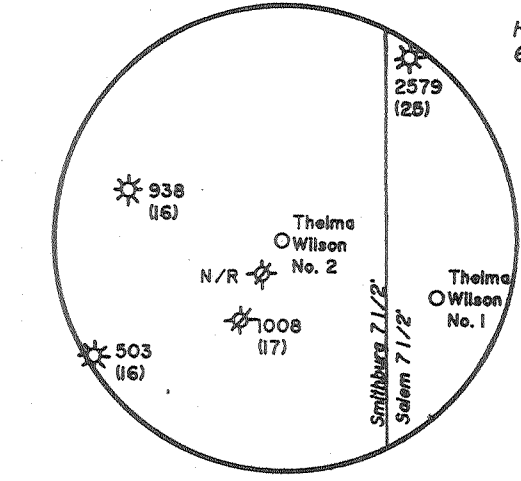
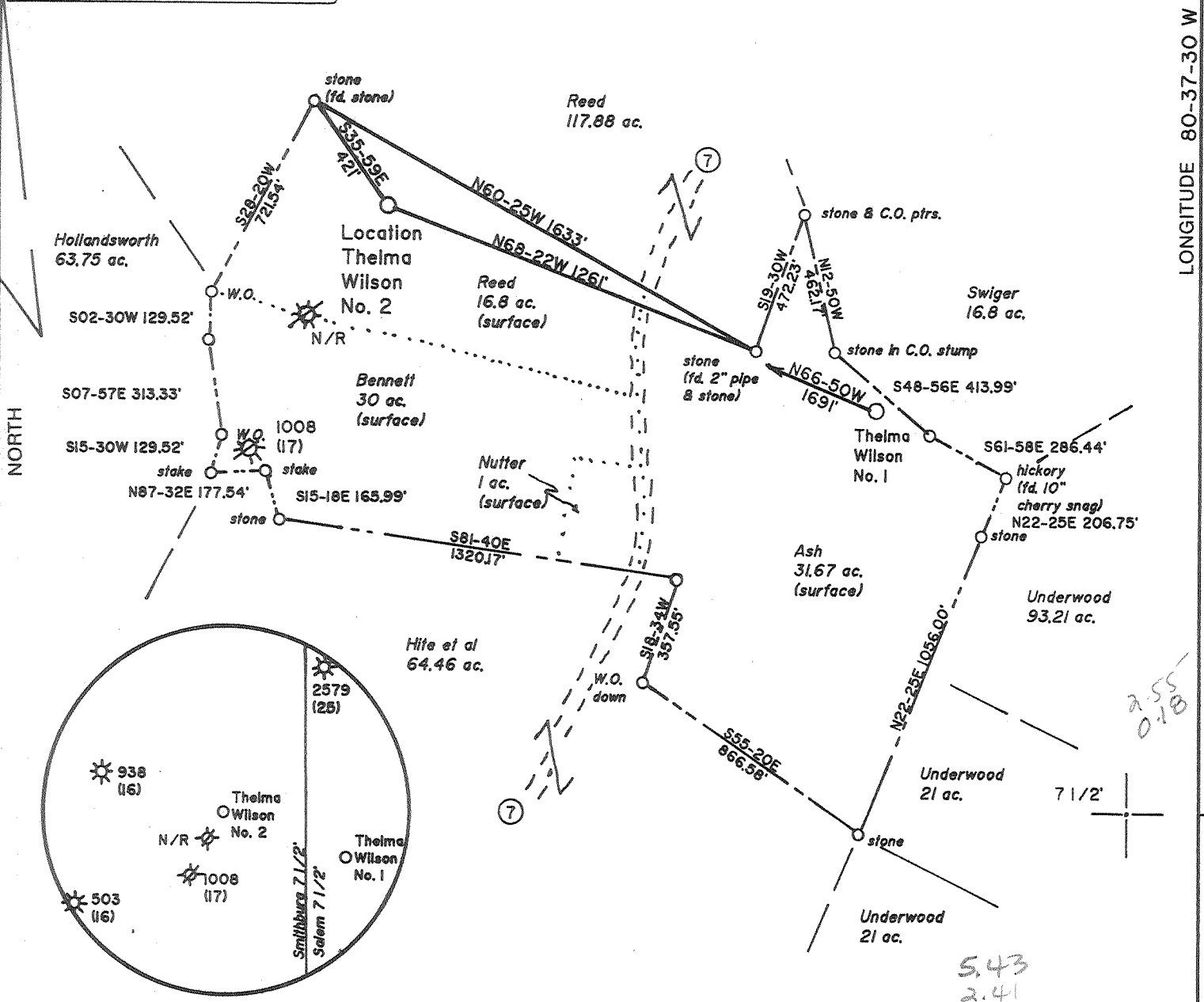
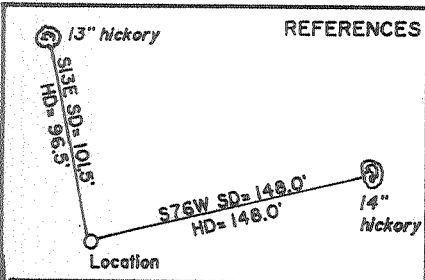


DATE December 6, 19 93  
 OPERATOR'S WELL NO. Thelma Wilson No. 2  
 API WELL NO. Cancelled  
47 - 017 - 4081  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1192' WATERSHED Big Battle Run  
 DISTRICT McClellan COUNTY Doddridge  
 QUADRANGLE Smithburg 7 1/2'  
 SURFACE OWNER Robert A. Reed & Candace C. Reed ACREAGE 16.8  
 OIL & GAS ROYALTY OWNER Thelma Wilson et al LEASE ACREAGE 79.47  
 LEASE NO. 475400  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
 FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Benson ESTIMATED DEPTH 5000  
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns  
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

COUNTY NAME Doddridge  
 PERMIT 4081

FORM WW-6



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Top of Knob 1500'  
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 (SIGNED) Jeffrey D. Adams  
 R.P.E. \_\_\_\_\_ L.L.S. 791



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE December 6, 19 93  
 OPERATOR'S WELL NO. Thelma Wilson No. 2  
 API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1192' WATER SHED Big Battle Run  
 DISTRICT McClellan COUNTY Doddridge  
 QUADRANGLE Smithsburg 7 1/2'

SURFACE OWNER Robert A. Reed & Candace C. Reed ACREAGE 16.8  
 OIL & GAS ROYALTY OWNER Thelma Wilson et al LEASE ACREAGE 79.47  
 LEASE NO. 475400

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

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_

TARGET FORMATION Benson ESTIMATED DEPTH 5000

WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns  
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 687 ADDRESS P.O. Box 26, Bridgeport, WV 26330

FORM WW-6

COUNTY NAME

PERMIT

5.43  
2.41

2.55  
0.18

7 1/2'

Well Operator: Petroleum Development Corporation 38200 (5) 611

Operator's Well Number: Thelma Wilson #2 3) Elevation: 1192'

Well type: (a) Oil  / or Gas  /

(b) If Gas: Production  / Underground Storage  /  
Deep  / Shallow  /

Proposed Target Formation(s): Benson Sands 435

- 6) Proposed Total Depth: 5600' feet
- 7) Approximate fresh water strata depths: 550', 840', 1115'
- 8) Approximate salt water depths: 1675', 1780', (if present)
- 9) Approximate coal seam depths: 315', 485', 760', 865'
- 10) Does land contain coal seams tributary to active mine? Yes  / No
- 11) Proposed Well Work: Drill and stimulate new well.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	FOOTAGE INTERVALS		CEMENT
	Size	Grade		For drilling	Left in well	
Conductor	11 3/4	H-40	42#	30/175	-/175'	-/surface
Fresh Water						
Coal						
<del>Intermediate</del> Production	8 5/8	H-40	20/23	1150/1800	1150/1800	surface
<del>Production</del>	4 1/2	J-55	10.5	5600	5600	450 sks
Tubing						
Linings						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Deaths set \_\_\_\_\_

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
plat  WW-9  WW-28  Bond C.D. Blanket Agent  
(Type)

18551

007342  
27

1) Date: Dec. 8, 1993  
2) Operator's well number  
Thelma Wilson #2  
3) API Well No: 47 - 0 17 - 4081  
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 Robert A. & Candace C. Reed  
Address Rt. 2, Box 128  
Salem, WV 26426  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Mike Underwood  
Address Rt. 2, Box 135  
Salem, WV 26426  
Telephone (304)- 782-1043

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name No declaration  
Address \_\_\_\_\_  
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  
xxx 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 PETROLEUM DEVELOPMENT CORPORATION  
By: [Signature]  
Its: \_\_\_\_\_ Geologist  
Address P O BOX 26  
Bridgeport, WV 26330  
Telephone 304-842-6256



OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
JANET S. GABBERT  
RECEIVED JAN 10 2003  
P.O. BOX 1000  
MARTINSBURG, WV 26150

Subscribed and sworn before me this 8<sup>th</sup> day of December, 19 93

Janet S. Gabbert Notary Public  
My commission expires July 7, 2003