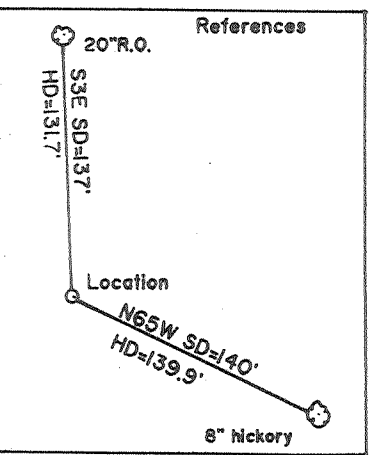
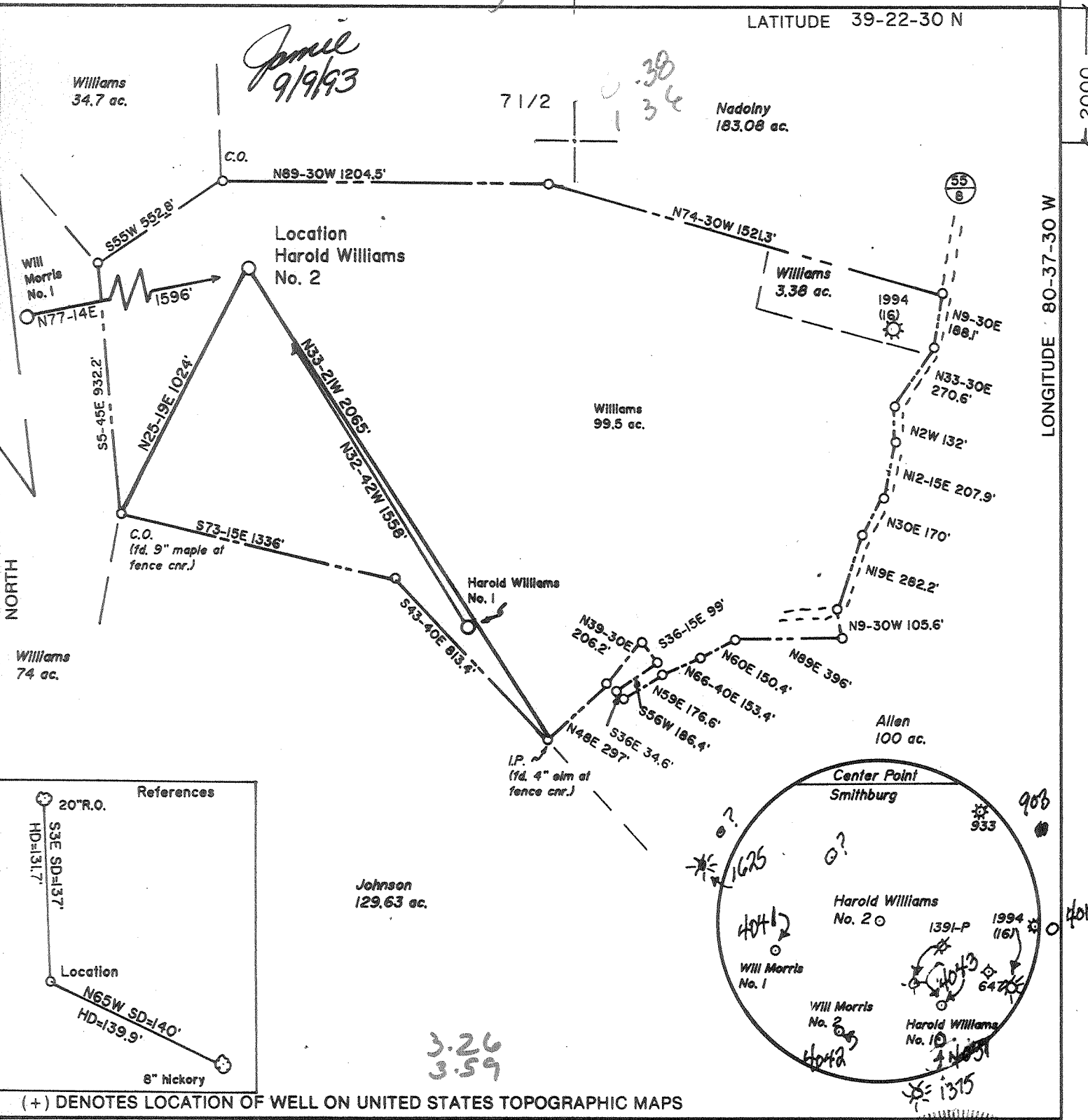


Amie
9/19/93

0.39
1.34

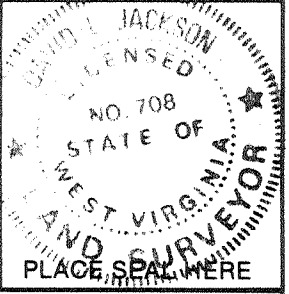
3.26
3.59



(+) 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 Road junction 4900'
NW of Location elev 859

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) David L. Jackson
 R.P.E. _____ L.L.S. 708



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

DATE August 16, 19 93
 OPERATOR'S WELL NO. Harold Williams No. 2
 API WELL NO. _____

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

LOCATION: ELEVATION 1231 WATER SHED Little Battle Run
 DISTRICT McClellan COUNTY Doddridge
 QUADRANGLE Smithburg 7 1/2 Centerpoint C

SURFACE OWNER Howard C. Sittler & Reagan J. Allison Jr. ACREAGE 99.5
 OIL & GAS ROYALTY OWNER Harold P. Williams et al LEASE ACREAGE 99.5
 LEASE NO. 475600

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 _____ PERMIT _____

SEP 10 1993

Permitting Office of Oil & Gas

- 1) Well Operator: Pétroleum Development Corporation 38200 (S) 611
- 2) Operator's Well Number: Harold Williams #2 3) Elevation: 1231
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage
 Deep / Shallow
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 5540 feet
- 7) Approximate fresh water strata depths: 25, 75, 375, 595
- 8) Approximate salt water depths: 1390, 1470, 1575, 1825
- 9) Approximate coal seam depths: 250, 420, 725, 945
- 10) Does land contain coal seams tributary to active mine? Yes / No
- 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	11 3/4	H-40	42	30/200	-/200	/surface
Fresh Water						380R/8-1/3
Coal						385R/8-1/2-2
Intermediate	8 5/8	H-40	20/23	1060/1860	1060/1860	surface
Production	4 1/2	J-55	10.5	5500	5500	450sks
Tubing						380R/8-1/2-1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

005843
 16

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket C.P. Agent
 (Type)

17857

RECEIVED

WV Division of
Environmental Protection

AUG 25 93

Permitting
Office of Oil & Gas

- 1) Date: August 20, 1993
- 2) Operator's well number
Harold Williams #2
- 3) API Well No: 47 - 017 - 4044
State - County - Permit

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 Harold C. Sitler
Address Little Battle
Center Point, WV 26339
 - (b) Name Reagan J. Allison, Jr.
Address Little Battle
Center Point, WV 26339
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name _____
Address _____
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304)-782-1043

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:

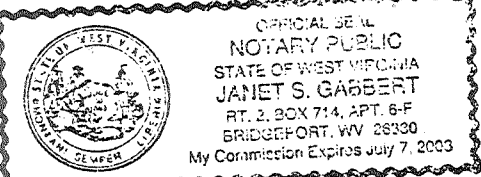
- xx Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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



Subscribed and sworn before me this 20th day of August, 1993

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