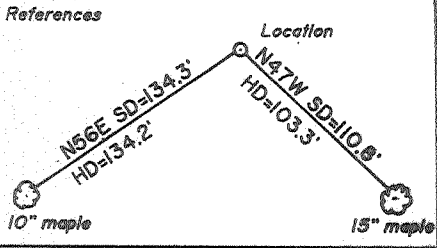


7800

LATITUDE 39-22-30 N

LONGITUDE 80-37-30 W

3675



Jamil
9/9/93

Adams
59.89 ac.

Williams
34.70 ac.

Gaspol
45.38 ac.

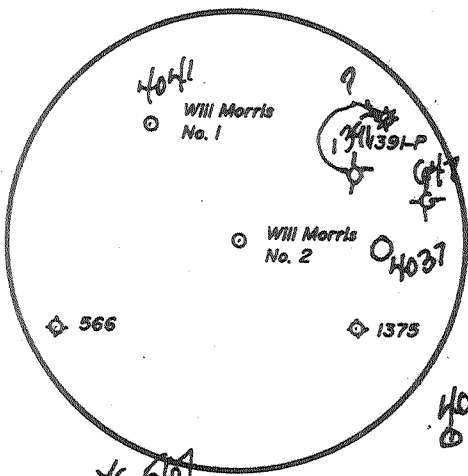
Shalley
50 ac.

Will Morris
No. 1

Sitter
102 ac.

Asher
50 ac.

Johnson
129.63 ac.



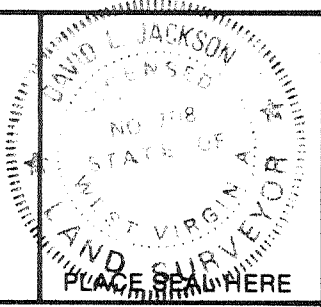
3.56
3.71

(+) 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 4800'
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 Z. 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. Will Morris No. 2
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1253 WATERSHED Riggins Run
 DISTRICT McClellan COUNTY Doddrige
 QUADRANGLE Smithburg 7 1/2
 SURFACE OWNER James D. Williams et ux ACREAGE 74
 OIL & GAS ROYALTY OWNER Will E. Morris et al LEASE ACREAGE 74
 LEASE NO. 474500

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

RECEIVED
Division of
Environmental Protection

AUG 25 93

Permitting
Office of Oil & Gas

- 1) Date: August 17, 1993
- 2) Operator's well number
William Morris #2
- 3) API Well No: 47 - 017 - 4042
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 James D. & Dorothy Williams
Address 1408 Shanks Downs
Windham, OH 44288
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name N/A
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:

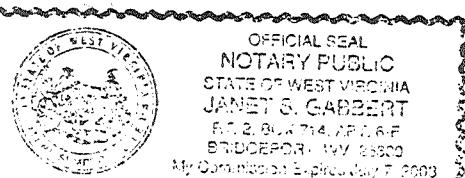
- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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 18TH day of August, 1993

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

NOV 25 93

017-4042
Issued 09/10/93
Page ___ of ___
Expires 09/10/95

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

17855

- 1) Well Operator: Petroleum Development Corporation ⁶⁵⁷ 33200 (S) 611
- 2) Operator's Well Number: Wm. Morris #2 3) Elevation: 1245'
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Benson Sand 435
- 6) Proposed Total Depth: 5500 feet
- 7) Approximate fresh water strata depths: 160', 235', 265', 400', 630'
- 8) Approximate salt water depths: 1410', 1495', 1600', 1850'
- 9) Approximate coal seam depths: 275', 445', 750', 1000'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 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	
Conductor	11 3/4"	H-40	42#	30'/150'	-/150'	surface
Fresh Water						38CSR1811.3
Coal						38CSR1811.22
Intermediate	8 5/8"	H-40	20#/23#	1085'/1885'	1085'/1885'	Surface
Production	4 1/2"	J-55	10.5#	5500'	5500'	450 sks
Tubing						38CSR1811.1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

005821
16
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket D. Agent
 (Type)