

FILE NO. _____

DRAWING NO. 1

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1 in 200

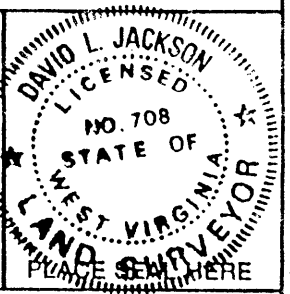
PROVEN SOURCE OF ELEVATION Road junction 1500'

SE of Location; elev. 2231'

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 6, 19 96

OPERATOR'S WELL NO. Playford Maust

API WELL NO. 47-077-00299

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

LOCATION: ELEVATION 2164 WATER SHED Big Sandy Creek

DISTRICT Grant COUNTY Preston

QUADRANGLE Brandonville 7 1/2'

SURFACE OWNER Playford Maust et ux ACREAGE 342

OIL & GAS ROYALTY OWNER Playford Maust et ux LEASE ACREAGE 342

LEASE NO. 521600

PROPOSED WORK: DRILL ___ 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 Elk Sands ESTIMATED DEPTH 5500

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

JUN 01 1999

Brandoville 2

FORM WW-8

NORTH

LONGITUDE 79-32-30W

26 12

7 1/2'

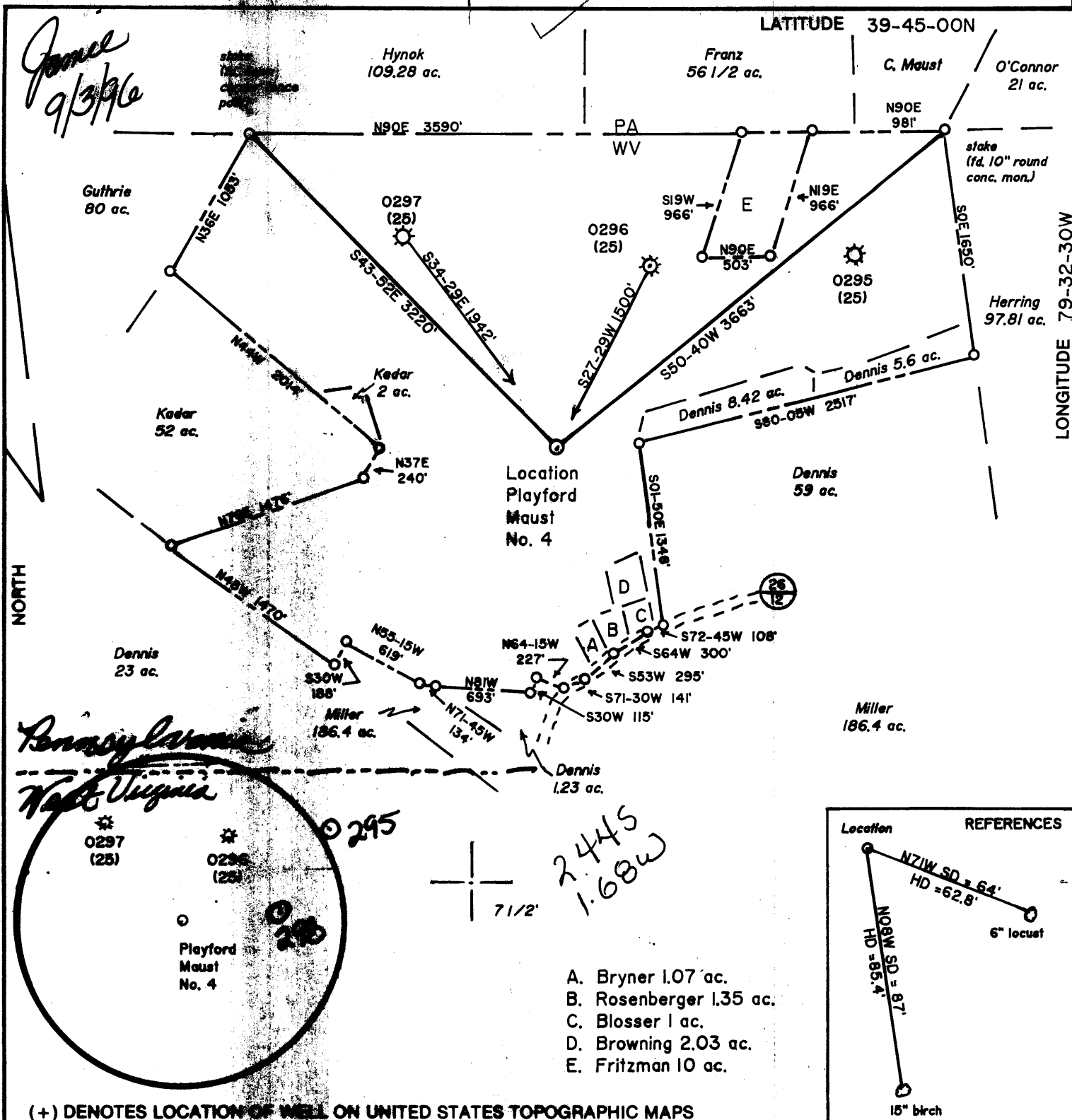
15" birch

COUNTY NAME

PERMIT

0299

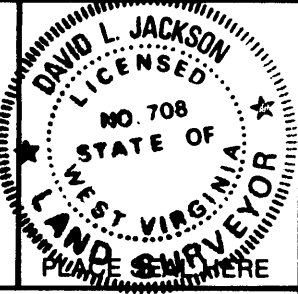
CANC.



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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road junction 1500' SE of Location: elev. 2231'

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 6, 19 96
 OPERATOR'S WELL NO. Playford Maust
 API WELL NO. _____

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

LOCATION: ELEVATION 2164 WATER SHED Big Sandy Creek
 DISTRICT Grant COUNTY Preston
 QUADRANGLE Brandonville 7 1/2'

SURFACE OWNER Playford Maust et ux ACREAGE 342
 OIL & GAS ROYALTY OWNER Playford Maust et ux LEASE ACREAGE 342
 LEASE NO. 521600

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 Elk Sands ESTIMATED DEPTH 5500
 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

SEP 06 1996

FORM WW-6

COUNTY NAME _____ PERMIT _____

AUG 22 1996

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

Permitting WELL WORK PERMIT APPLICATION
Office of Oil & Gas

- 1) Well Operator: PETROLEUM DEVELOPMENT CORPORATION 38200 ① 264
- 2) Operator's Well Number: P. Maust #4 3) Elevation: 2164'
- Well type: (a) Oil / or Gas XX / *Issued 09/03/96*
 (b) If Gas: Production XX / Underground Storage / *Expires 09/03/98*
 Deep / Shallow XX /
- Proposed Target Formation(s): Elk Sands ⁴³⁶
- Proposed Total Depth: 5,550' feet
- 7) Approximate fresh water strata depths: 105'; 207'; 393'; 440'
- 8) Approximate salt water depths: None Reported
- 9) Approximate coal seam depths: None Reported
- 10) Does land contain coal seams tributary to active mine? Yes / No XX /
- 11) Proposed Well Work: Drill & Stimulate New Well

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	For drilling	FOOTAGE INTERVALS	Left in well	CEMENT
	Size	Grade					
Conductor	11-3/4"	H-40	42#	30'	-----	-----	
Fresh Water							
Coal							
Intermediate	8-5/8"	H-40	20/23#	700'	700'	38CSR18-11.3 38CSR18-11.2.2	
Production	4-1/2"	J-55	10.5#	5,550	5,550	38CSR18-11.1	
Tubing							
Liners							

PACKERS : Kind
 Sizes
 Depths set

For Office of Oil and Gas Use Only

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

22454

08770

AUG 22 1996

Permitting
Office of Oil & Gas

1) Date: August 7, 1996
2) Operator's well number
P Maust #4
3) API Well No: 47 - 077 - 0299
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Playford Maust Name _____
Address Rt. 4, Box 116 Address _____
Bruceston Mills, WV 26525
- (b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____ Address _____
- (c) Name _____ (c) Coal Lessee with Declaration
Address _____ Name _____
Address _____
- 6) Inspector Phillip Tracy (c) Coal Lessee with Declaration
Address Rt. 2, Box 37-A Name _____
Montrose, WV 26283 Address _____
Telephone (304)-636-8798

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**

xx Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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:

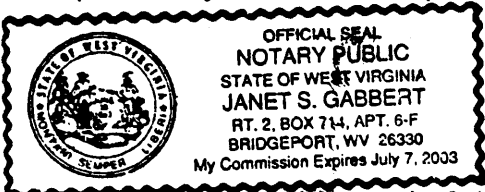
- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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: Eric R. Stearns
Its: V.P., Exploration & Development
Address P O Box 26
Bridgeport, WV 26330
Telephone 304-842-6256



Subscribed and sworn before me this 8th day of AUGUST, 1996

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