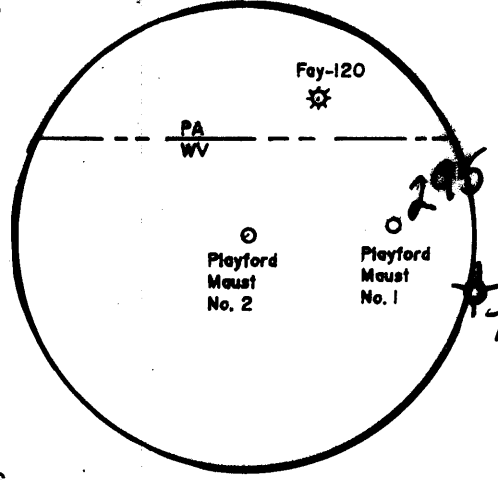


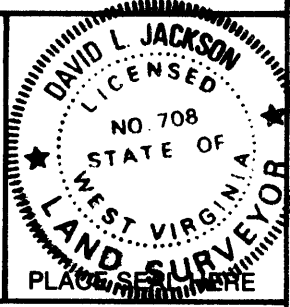
- A. Bryner 1.07 ac.
- B. Rosenberger 1.35 ac.
- C. Blosser 1 ac.
- D. Browning 2.03 ac.
- E. Fritzman 10 ac.



(+) 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 Spot elevation
3550' NE of Location; elev. 2081

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 April 18, 19 96
 OPERATOR'S WELL NO. Playford Maust
 API WELL NO. No. 2
47-077-00296
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2097 WATERSHED Big Sandy Creek
 DISTRICT Grant COUNTY Preston
 QUADRANGLE Brandonville

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) _____
Eric Stearns

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Benson ESTIMATED DEPTH 5000' 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
6-6 000

JUN 7 1996

FORM WW-6

COUNTY NAME PERMIT

AUG 13 1996

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Permitting Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: MAUST, PLAYFORD Operator Well No.: P. MAUST #2

LOCATION: Elevation: 2,097.00 Quadrangle: BRANDONVILLE

District: GRANT County: PRESTON
Latitude: 11525 Feet South of 39 Deg. 45Min. 0 Sec.
Longitude 8175 Feet West of 79 Deg. 32 Min. 30 Sec.

Company: PETROLEUM DEVELOPMENT COR
103 E. MAIN ST. - P.O. BOX 26
BRIDGEPORT, WV 26330-0026

Agent: ERIC STEARNS

Inspector: PHILLIP TRACY
Permit Issued: 06/03/96
Well work Commenced: 06/25/96
Well work Completed: 06/28/96
Verbal Plugging
Permission granted on:
Rotary x Cable Rig
Total Depth (feet) 3303'
Fresh water depths (ft) 28; 130; 316; 363
Salt water depths (ft) n/a
Is coal being mined in area (Y/N)? N
Coal Depths (ft): n/a

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft.
Rows include sizes 9 5/8", 7", and 4 1/2" with corresponding drilling and cement data.

OPEN FLOW DATA

Producing formation Lower Balltown Pay zone depth (ft) 2852-2929
Gas: Initial open flow n/a MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 163 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 420 psig (surface pressure) after 72 Hours

Second producing formation Upper Balltown Pay zone depth (ft) 2795-2815
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow co-mingled 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

Third producing formation Speechley Pay zone depth (ft) 2512-2574
Fourth producing formation Warren Pay zone depth (ft) 2269-2271

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.

Handwritten signature of Eric R. Stearns

For: PETROLEUM DEVELOPMENT CORP.

By: Eric R. Stearns
Date: August 12, 1996

ADD 16 1996

Playford Maust #2

STAGE	FORMATION	PERFS	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)
1st	Balltown	12 (2852' - 2929')	25	250	500	
2nd	Balltown	12 (2795' - 2815')	25	200	500	
3rd	Speechley	12 (2512' - 2574')	25	300	500	
4th	Warren	12 (2269' - 2271')		150	500	

W E L L L O G

FORMATION

TOP FEET BOTTOM FEET

REMARKS: FRESH & SALT
WATER, COAL, OIL & GAS

KB - GL	0	10
sand, shale, RR	10	540
Little Lime	540	550
sand, shale	550	566
Big Lime	566	722
sand, shale	722	736
Keener	736	795
sand, shale	795	800
Big Injun	800	855
sand, shale	855	918
Weir	918	1095
sand, shale	1095	1145
Gantz	1145	1180
sand, shale	1180	1218
50 ft	1218	1278
sand, shale	1278	1290
30 ft	1290	1338
sand, shale	1338	1785
4th	1785	1832
sand, shale	1832	1988
5th	1988	2058
sand, shale	2058	2076
Bayard	2076	2122
sand, shale	2122	2190
Warren	2190	2280
sand, shale	2280	2460
Speechley	2460	2615
sand, shale	2615	2620
Tiona	2620	2662
sand, shale	2662	2665
Balltown	2665	2876
sand, shale	2876	2926
Bradford	2926	3000
sand, shale	3000	3291

Damp @28'
5 GPM @130'
3 GPM @316'
5 GPM @363'

Drillers TD

3303

Logger TD

MAY 31 1996

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

Issued 06/03/94
Expires 06/03/98

- 1) Well Permitting Office of Oil & Gas Operator: PETROLEUM DEVELOPMENT CORPORATION 38200 264
- 2) Operator's Well Number: Playford Maust #2 3) Elevation: 2097'
- 4) Well type: (a) Oil / or Gas XX /
(b) If Gas: Production XX / Underground Storage /
Deep / Shallow XX /
- 5) Proposed Target Formation(s): Elk Sands
Proposed Total Depth: 5500' feet
Approximate fresh water strata depths: 83'; 118'; 223'; 418'
Approximate salt water depths: None Reported
Approximate coal seam depths: None Reported
Does land contain coal seams tributary to active mine? Yes / No XX
- 11) Proposed Well Work: Drill & Stimulate new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	9-5/8"	H-40	32#	30'	-----	-----
Fresh Water						
Coal						
Intermediate	7"	H-40	17#	555'	555' <i>CS</i>	38CSR18-11.3 38CSR18-11.2
Production	4-1/2"	J-55	10.5#	5500'	5500'	38CSR18-11.1 450 sks
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

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

22114

019832
117

RECEIVED
WV Division of
Environmental Protection
MAY 31 1996

Date: April 23, 1996
Operator's well number Playford Maust #2
API Well No: 47 - 077 - 0296
State County Permit

Permitting
Office of Oil & Gas
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:
- (a) Name Playford Maust
Address Rt. 4, Box 116
Bruceston Mills, WV 26525
 - (b) Name _____
Address _____
 - (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 Phillip Tracy
Address Rt 2, Box 37-A
Montrose, WV 26525
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:

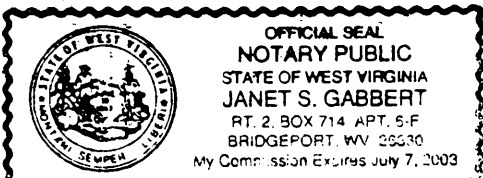
- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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: VP, Exploration & Development
Address P O Box 26
Bridgeport, WV 26330
Telephone (304) 842-6256



subscribed and sworn before me this 13th day of MAY, 1996

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