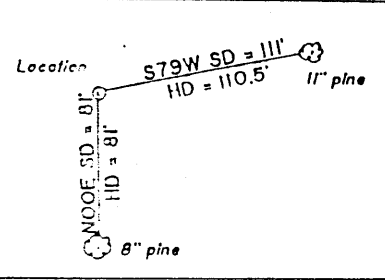


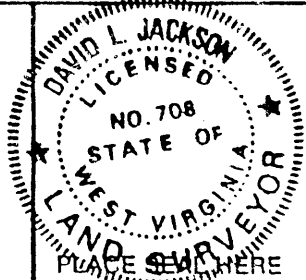
- A. Salem Church of Brethern
- B. Savage 1.58 ac.
- C. C. Dennis 1.47 ac.



(+) 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 Road junction 470'
NE 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 13, 19 96
 OPERATOR'S WELL NO. R. Walls No. 1
 API WELL NO. _____

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

LOCATION: ELEVATION 2194 WATER SHED Big Sandy Creek
 DISTRICT Grant COUNTY Preston
 QUADRANGLE Brandonville 7 1/2'

SURFACE OWNER Ralph Miller ACREAGE 186.03
 OIL & GAS ROYALTY OWNER Ralph & Juanita Miller et al LEASE ACREAGE 186 out of 239
 LEASE NO. 522900

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 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

LONGITUDE 79-32-30 W

14600

COUNTY NAME

PERMIT

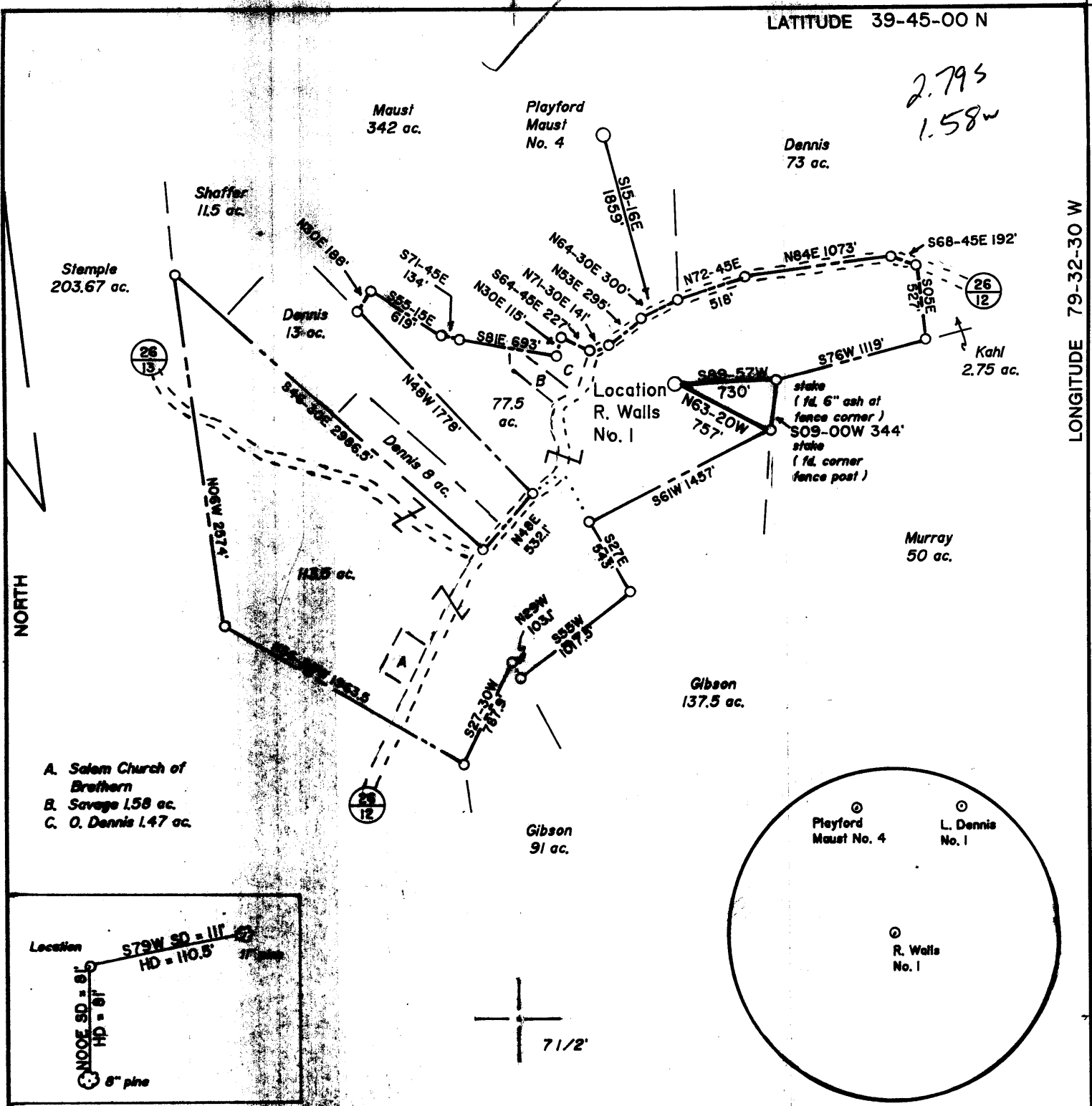
PRE
0302 CANCEL

Brandonville 2

FORM WW-6

05-5-93

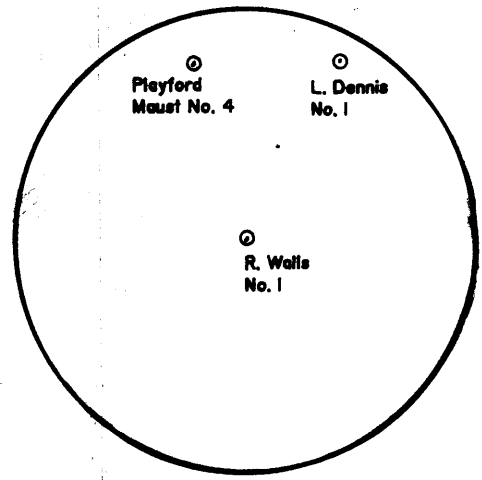
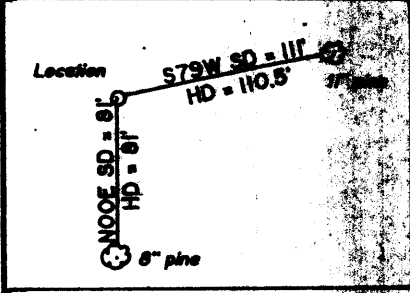
2.79s
1.58w



LONGITUDE 79-32-30 W

NORTH

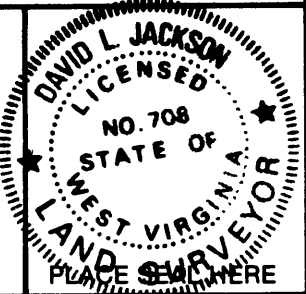
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STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE August 13, 19 96
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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 13 1996

FORM WW-6

COUNTY NAME PERMIT

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

Permitting WELL WORK PERMIT APPLICATION
Office of Oil & Gas

- 22479
- 1) Well Operator: PETROLEUM DEVELOPMENT CORPORATION 38200 (1) 264
- Operator's Well Number: R. Walls #1 3) Elevation: 2,194'
- Well type: (a) Oil___/ or GasXX/ *Issued 09/11/96 Expires 09/11/98*
- (b) If Gas: ProductionXX/ Underground Storage___/ Deep___/ ShallowXX/
- Proposed Target Formation(s): 437 Elk Sands
- 6) Proposed Total Depth: 5,575' feet
- 7) Approximate fresh water strata depths: 135'; 240'; 425'; 470'
- 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___/ NoXX/
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	For drilling	FOOTAGE INTERVALS Left in well	CEMENT Fill-up (cu. ft.)
	Size	Grade				
Conductor	11 -3/4"	H-40	42#	30'	-----	-----
Fresh Water						
Coal						
Intermediate	8-5/8"	H-40	20/23#	725'	725'	38CSR18-11.3
Production	4-1/2"	J-55	10.5#	5575'	5575'	38CSR18-11.2.2 38CSR18-11.1
Tubing						450 sks
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

2490 28

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond _____ Agent _____
(Type)

WV Division of
Environmental Protection

AUG 26 1996

Permitting
Office of Oil & Gas

1) Date: August 21, 1996
2) Operator's well number
R. Walls #1
3) API Well No: 47 - 077 - C302
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:
(a) Name Ralph and Juanita Miller
Address Rt. 4, Box 12
Bruceton Mills, WV 26525
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Phillip Tracy
Address Rt. 2, Box 37-A
Montrose, WV 26283
Telephone (304) - 636-8798

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
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
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:

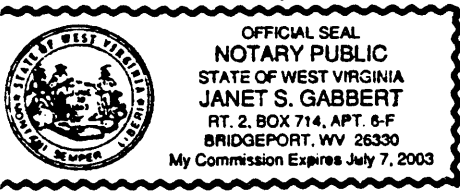
- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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 27th day of August, 1996

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