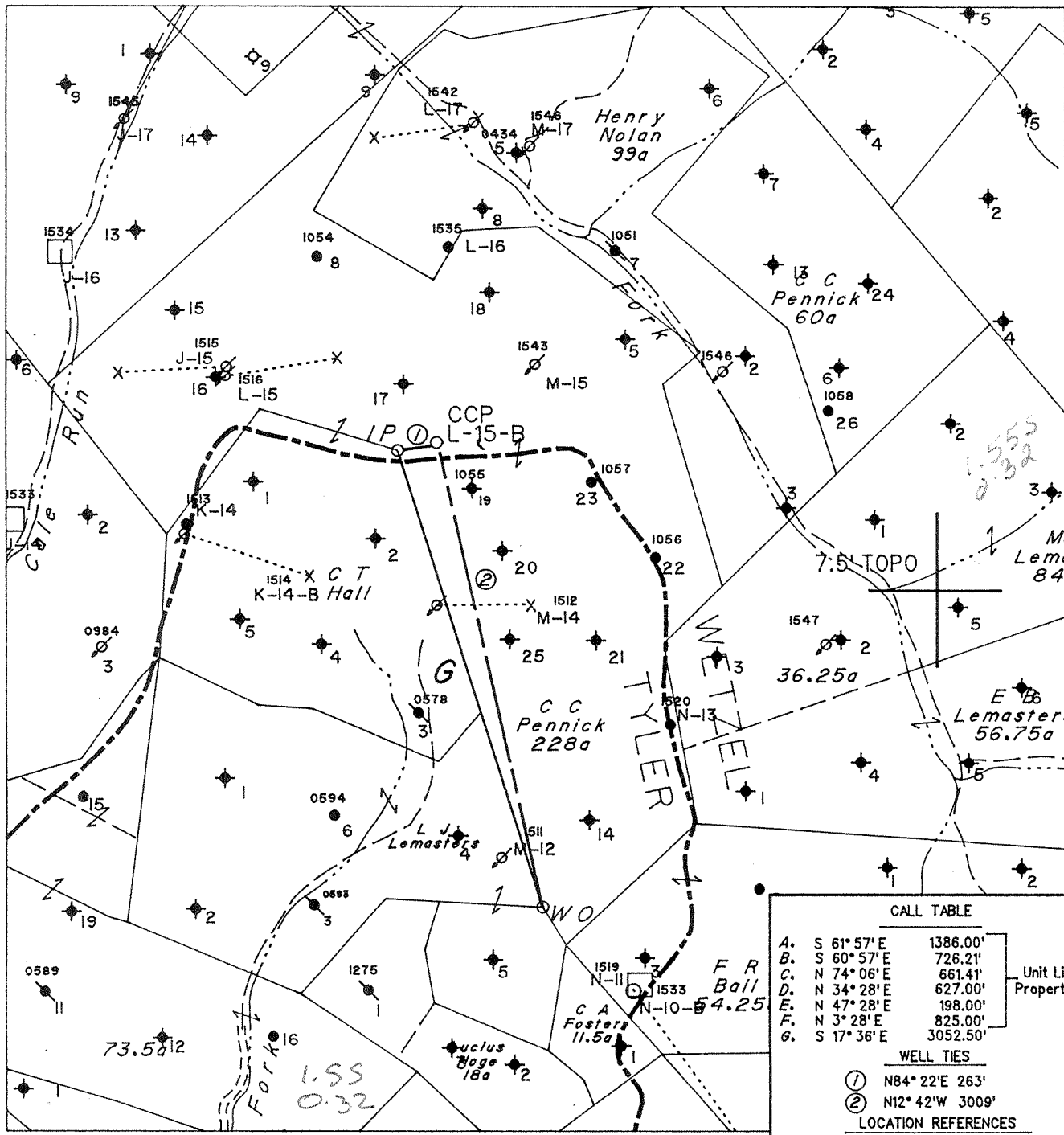


2550'

LATITUDE 39° 30' 00"

LONGITUDE 80° 40' 00"

8150'



CALL TABLE		
A.	S 61° 57' E	1386.00'
B.	S 60° 57' E	726.21'
C.	N 74° 06' E	661.41'
D.	N 34° 28' E	627.00'
E.	N 47° 28' E	198.00'
F.	N 3° 28' E	825.00'
G.	S 17° 36' E	3052.50'

Unit Line & Property Line

WELL TIES	
①	N84° 22' E 263'
②	N12° 42' W 3009'

LOCATION REFERENCES

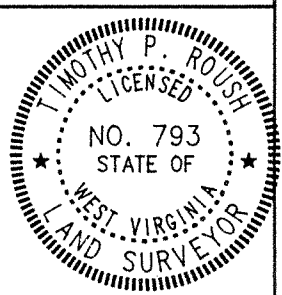
S84° 22' W 263' 1/2" IRON ROD
 S72° 43' W 159' 8" MAPLE
 S70° 49' E 149' 12" CO

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

FILE NO. 573
 MAP NO. N58 N 3 S E W 3
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION F.R. Ball No.9
(47-095-0548) = 1152'

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 MINES.

(SIGNED) Timothy P. Roush
 TIMOTHY P. ROUSH PS 793



STATE OF WEST VIRGINIA
 DIVISION OF ENERGY
 OIL AND GAS SECTION



DATE October 1, 19 93
 FARM C.C. Pennick NO. L-15-B
 API WELL NO. 47-103-1554

WELL TYPE: OIL X GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1337' WATERSHED Piney Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint
 SURFACE OWNER State of West Virginia ACREAGE 228 Ac.
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 228 Ac.
 LEASE NO. 15688-50
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Gordon ESTIMATED DEPTH 3325'
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519

001 2 0 1993

6-6-93

JAN 10 1995

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: WVA. PUBLIC LAND CORP. Operator Well No.: C.PENNICK L-15B

LOCATION: Elevation: 1,337.00 Quadrangle: CENTER POINT

District: GREEN County: WETZEL
Latitude: 8150 Feet South of 39 Deg. 30Min. Sec.
Longitude 2550 Feet West of 80 Deg. 40 Min. Sec.

Company: PENNZOIL PRODUCTS COMPANY
P. O. BOX 5519
VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: RANDAL MICK
Permit Issued: 10/25/93
Well work Commenced: 11/13/94
Well work Completed: 12/16/94
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 3479
Fresh water depths (ft) N/A

Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N
Coal Depths (ft): N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			To surface
8-5/8	624	624	225 sks.
4 1/2	3311	3311	320 sks.

OPEN FLOW DATA * Water Flood Producer

Producing formation Gordon Pay zone depth (ft) _____
Gas: Initial open flow * _____ MCF/d Oil: Initial open flow * _____ Bbl/d
Final open flow * _____ 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

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ 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

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.

For: PENNZOIL PRODUCTS COMPANY

By: [Signature]
Date: 1/4/95

JAN 11 1995

TREATMENT

Perforated with 10 holes 3210'-3215', 10 holes 3225'-3230'. Treated with 300 gallons 15% HCL acid, 285 barrels gelled water and 7,000 lbs. of 20/40 sand.

WELL LOG

Sand & Shale	-	0	-	836'
Sand	-	836'	-	864'
Sand & Shale	-	864'	-	958'
Sand	-	958'	-	996'
Sand & Shale	-	996'	-	1230'
Sand	-	1230'	-	1254'
Sand & Shale	-	1254'	-	1700'
Sand	-	1700'	-	1754'
Shale		1754'	-	1776'
Sand		1776'	-	1828'
Sand & Shale		1828'	-	2452'
Big Injun		2452'	-	2498'
Shale		2498'	-	2552'
Sand		2552'	-	2608'
Shale		2608'	-	3182
Stray		3182'	-	3186'
Gordon		3194'	-	3247'
T.D.		3383'		

103-1554

Issued 10/25/93

Page 3 of 4

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Expires 10/25/95

WELL WORK PERMIT APPLICATION

- 1) Well Operator: 4670 Pennzoil Products Company 37450 (5) 286
- 2) Operator's Well Number: C. C. PENNICK NO. L-15-B 3) Elevation: 1337'
- 4) Well type: (a) Oil X/ or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Gordon 419
- 6) Proposed Total Depth: 3325 feet
- 7) Approximate fresh water strata depths: 520
- 8) Approximate salt water depths: > 520
- 9) Approximate coal seam depths: 1150
- 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	Fill-up (cu. ft.)
Conductor						
Fresh Water	8 5/8	L.S.	20	590	590	Cement to Surface
Coal						
Intermediate						
Production	4 1/2	J-55	10.5	3325'	3325'	Cement over Salt Sand
Tubing						
Liners						

RECEIVED

WV Division of Environmental Protection

PACKERS : Kind _____
Sizes _____
Depths set _____

OCT 06 93

Permitting Office of Oil & Gas

For Division of Oil and Gas Use Only

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

Plat WW-9 WW-2B Bond _____

(Type

18072

19357 27

RECEIVED
WV Division of
Environmental Protection

OCT 06 93

Permitting

Office of Oil & Gas STATE OF WEST VIRGINIA

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

- 1) Date: October 1, 1993
- 2) Operator's well number
C. C. PENNICK NO. L-15-B
- 3) API Well No: 47 - 103 - 1554
State - County - Permit

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name WV Public Land Corp.
Address Bldg. #3, Room 643
1900 Kanawha Blvd., E.
 - (b) Name Charleston, WV 25305
Address _____
 - (c) Name Gary Foster
Address 1203 Goose Run Road
Fairmont, WV 26554
- 5) (a) Coal Operator:
 - Name N/A
Address _____
 - (b) Coal Owner(s) with Declaration
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
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

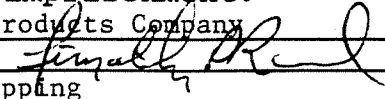
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ 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 Pennzoil Products Company
 By: Timothy P. Roush 
 Its: Supervisor - Surveying/Mapping
 Address P.O. Box 5519
Vienna, WV 26105
 Telephone (304) 422-6565

Subscribed and sworn before me this 1st day of October, 1993

My commission expires _____ June 10, 1997 Notary Public