

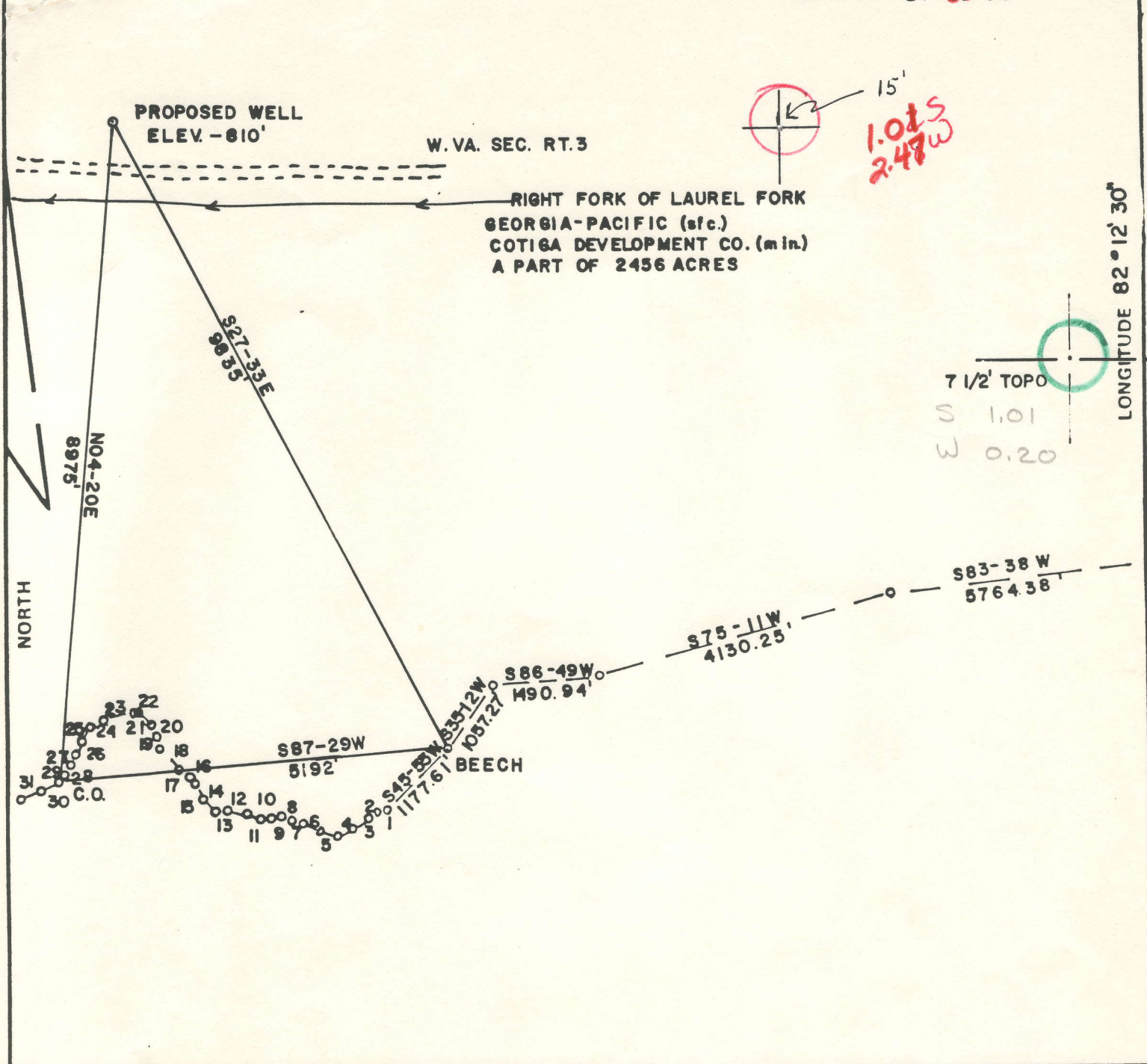
3-11-83

1030'

LATITUDE 37° 50' 00"

LONGITUDE 82° 12' 30"

5300'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION USGS BM TRACE FORK 665 USGS MYRTLE QUAD

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) [Signature]
 R.P.E. _____ L.L.S. 624

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEBRUARY 1, 19 83
 OPERATOR'S WELL NO. C-38
 API WELL NO. _____
47 - 059 - 1046
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 810' WATER SHED RIGHT FORK OF LAUREL FORK
 DISTRICT HARDEE COUNTY MINGO
 QUADRANGLE MYRTLE Holden 15' SW
 SURFACE OWNER G. CANTERBURY ACREAGE A PART OF 2456
 OIL & GAS ROYALTY OWNER COTIGA DEVELOPMENT CO. LEASE ACREAGE A PART OF 2456
 LEASE NO. _____ (8-ray stat interp)
 PROPOSED WORK. DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) DEEP WELL.

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5000'
 WELL OPERATOR SENECA-UPSHUR PET/INC. DESIGNATED AGENT JOSEPH HAGER
 ADDRESS P.O. BOX 2048 ADDRESS P.O. BOX 2048
BUCKHANNON, W. VA 26201 BUCKHANNON, W. VA. 26201

MAR 14 1983

DRILLER'S RECORD

Previously Requested, but NOT
AVAILABLE

DATE: _____

059
COUNTY

1046
PERMIT



1) Date: February 21, 19 83
 2) Operator's Well No. C-38
 3) API Well No. 47 - 089 - 1046
 State _____ County _____ Permit _____

DRILLING CONTRACTOR:

Little Swiss Drilling Co.
Buckhannon, WV 26201

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 810' Watershed: Right Fork of Laurel Fork
 District: Hardee County: Mingo Quadrangle: Myrtle
- 6) WELL OPERATOR Seneca-Upshur Petroleum, Inc. 11) DESIGNATED AGENT Joseph G. Hager
 Address P.O. Box 2048 Address P.O. Box 2048
Buckhannon, West Virginia 26201 Buckhannon, West Virginia 26201
- 7) OIL & GAS ROYALTY OWNER Cotiga Development Company 12) COAL OPERATOR None
 Address 2nd Floor, Rear, 14 East Lancaster Ave. Address _____
Paoli, Pennsylvania 19301
 Acreage Part of 2,456
- 8) SURFACE OWNER G. Canterbury 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Star Route 1, Box 530 Name 15141 Creek Coal Company
Lenore, West Virginia 25676 Address Paineville, Kentucky 41240
 Acreage Part of 2,456
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Arthur St. Clair
 Address P.O. Box 157
Brenton, West Virginia 24818
- 15) PROPOSED WORK: Drill X / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____ /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, _____
- 17) Estimated depth of completed well, 5000 feet
- 18) Approximate water strata depths: Fresh, 80 feet; salt, 1800 feet.
- 19) Approximate coal seam depths: 320 Is coal being mined in the area? Yes _____ / No X /

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	<u>16"</u>				<u>X</u>	<u>20</u>	<u>20</u>	<u>10 Surface</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8"</u>		<u>23.00</u>	<u>X</u>		<u>2000</u>	<u>2000</u>	<u>10 Surface</u>	
Production	<u>4 1/2"</u>		<u>23.00</u>	<u>X</u>			<u>3000</u>	<u>As Required</u>	Depths set
Tubing								<u>By Mills 15.11.</u>	
Liners									Perforations:
									Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. On File 059-1017
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: [Signature]

Signed: [Signature]

My Commission Expires June 6, 1983
in and for the State of West Virginia

Its: Vice President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-1046 Date March 11, 19 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector.** (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

Administrator, Office of Oil and Gas