

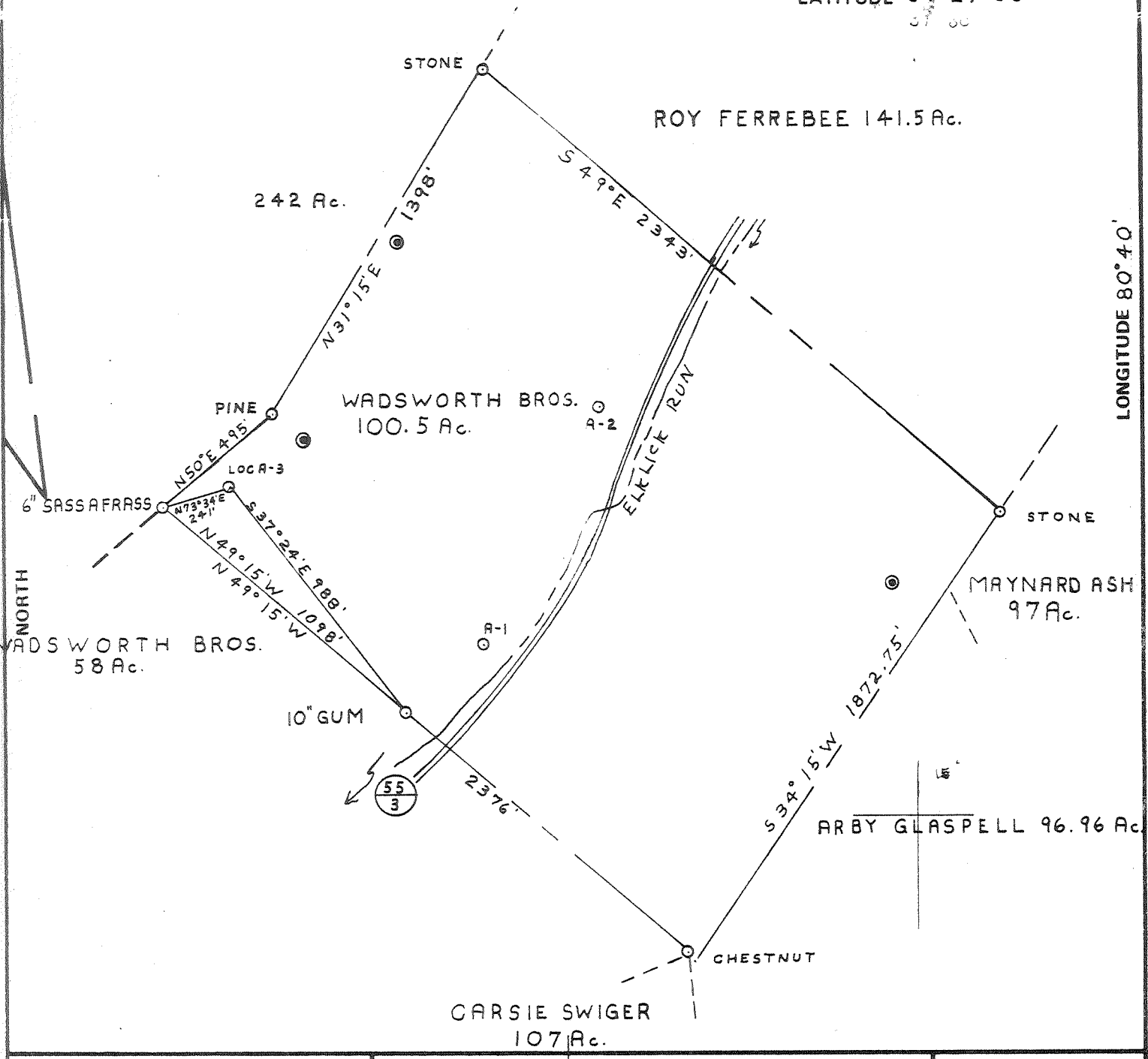
11/3 4/11/82

Plot Card CSN 7,900'

LATITUDE 39° 27' 30"

LONGITUDE 80° 40'

NORTH



FILE NO. P.D.C. #3 - P9.66
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION B.M. = 747' INT. RT. (23) AND 5 5/3

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) Paul G. Dearn, Sr.
 R.P.E. *1856 L.L.S. _____

PLACE SEAL HERE

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



DATE JAN 8, 1982
 OPERATOR'S WELL NO. A-3
 API WELL NO. _____
47 - 017 - 3101
 STATE COUNTY PERMIT

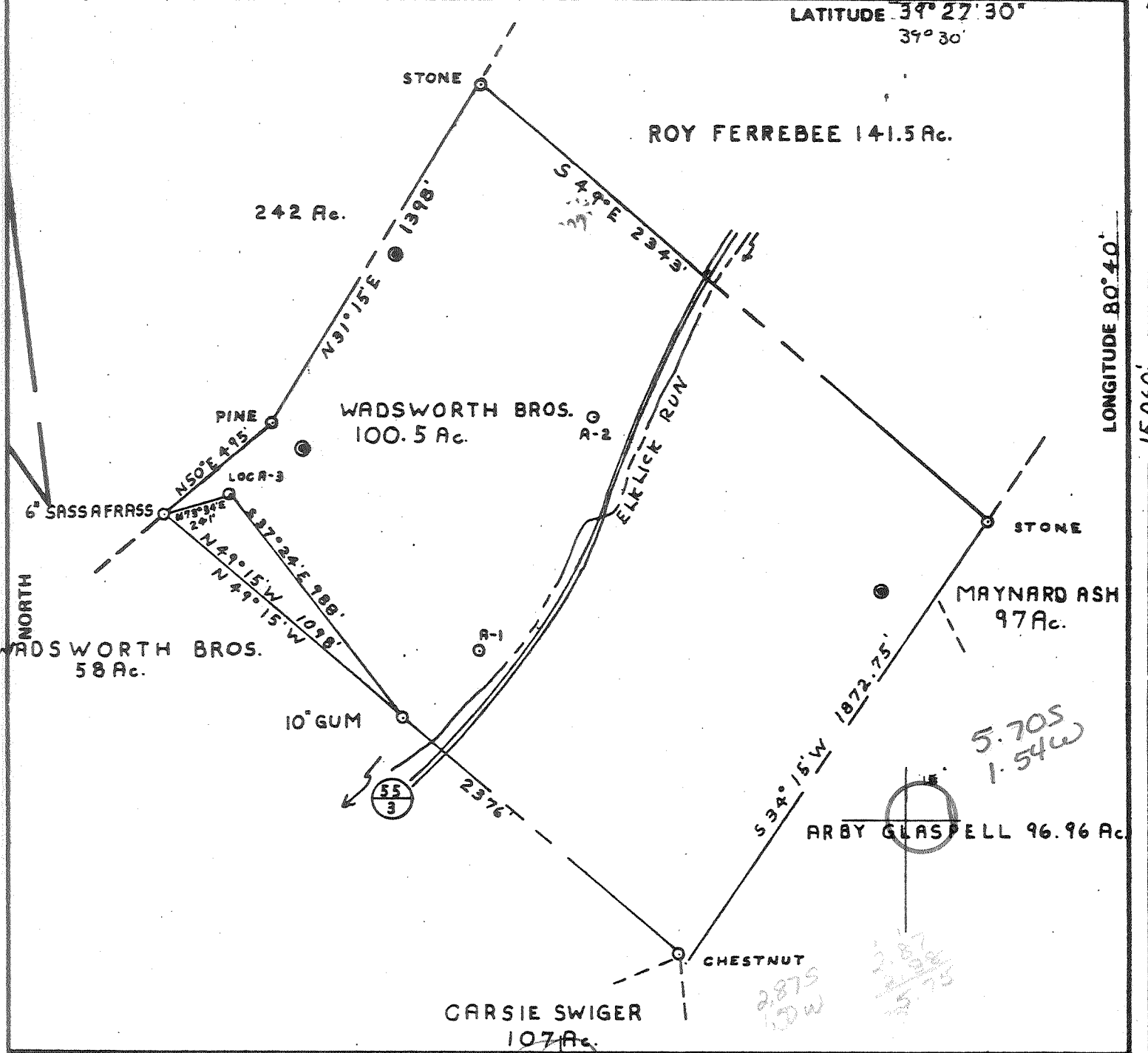
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1240' WATER SHED ELKLICK RUN
 DISTRICT McLLELLAN COUNTY DODDRIDGE
 QUADRANGLE CENTER POINT 7 1/2
 SURFACE OWNER WADSWORTH BROS. ACREAGE 100.5 Ac.
 OIL & GAS ROYALTY OWNER MARY M. WELCH LEASE ACREAGE 100.5 Ac.
 LEASE NO. 36401
 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 MARCELLUS SHALE ESTIMATED DEPTH 5950'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT JOHN MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.

JAN 31 1983




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 (SIGNED) Paul G. Dean, Sr.
 R.P.E. # 1856 L.L.S. _____

PLACE SEAL HERE

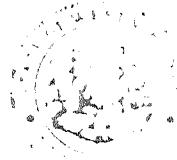
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1240' WATER SHED ELK LICK RUN
 DISTRICT McCLELLAN COUNTY DODDRIDGE
 QUADRANGLE CENTER POINT 7 1/2 415' NW
 SURFACE OWNER WADSWORTH BROS. ACREAGE 100.5 Ac.
 OIL & GAS ROYALTY OWNER MARY M. WELCH LEASE ACREAGE 100.5 Ac.
 LEASE NO. 36401
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 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 5950'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT JOHN MITCHELL
 ADDRESS P.O. BOX 26 BRIDGEPORT W.V. ADDRESS P.O. BOX 26 BRIDGEPORT W.V.



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JAN 8, 1982
 OPERATOR'S WELL NO. A-3
 API WELL NO. _____
47 - 017 - 3101
 STATE COUNTY PERMIT

APR 10 1982



Well No. A-3
 By Mary Welch
 API No. 017 - 3101
 Date 03-18-82

STATE OF WEST VIRGINIA
 OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Well Type: Oil / Gas
 Use: Oil Production / Underground Storage / Deep / Shallow
 LOCATION: Elevation: 940 Watershed: Elklick Run
 District: McClellan County: Doddridge Quadrangle: Center Point 7 1/2

WELL OPERATOR: Petroleum Development Corp. DESIGNATED AGENT: John R. Mitchell
 Address: P. O. Box 26 Address: P. O. Box 26
Bridgeport, WV 26330 Bridgeport, WV 26330

OIL AND GAS ROYALTY OWNER: Mary & Belva Welch
 Address: 20 Meadowcrest Drive
Parkersburg, WV 26101
 Acreage: 100.5

COAL OPERATOR
 Address

STORAGE OWNER: Wadsworth Brothers Inc.
 Address: Alva, WV 26322
 Acreage: 100.5

COAL OWNER(S) WITH DECLARATION ON RECORD:
 NAME: Same as oil and gas
 Address

FIELD SALE (IF MADE) TO:
 NAME: Unknown
 Address

NAME
 Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
 Name: Stephen Casey
 Address: Route 2 Box 232-D
Jane Lew, WV 26378
 Telephone: 884-7470

COAL LESSEE WITH DECLARATION ON RECORD:
 NAME
 Address

RECEIVED
 APR 6 - 1982
 APR 1 - 1982
 OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract dated 11-08, 1977, by and between well operator from J. W. McLaughlin

on 11-21, 1977, in the office of the County Commission of Doddridge County, West Virginia, in 103 Book at page 168. A permit is hereby granted to the undersigned well operator to:

Drill / Drill Deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____

as planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that the right to take or are required to make by Code 22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Department of Mines. If this Permit Application and the enclosed plat and reclamation plan have been filed, the required soil or delivered by hand to the above named coal operator, coal owner, or coal lessee on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOSS DIRECTLY TO:

PETROLEUM DEVELOPMENT CORPORATION

WEST VIRGINIA OIL AND GAS COMMISSION
 DEPARTMENT OF MINES
 1000 BANKERS BUILDING
 CHARLESTON, WV 25311
 TELEPHONE: 336/348-3092

By: John R. Mitchell Well Operator
 Title: Area Manager

BLANKET COPY

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Unknown

Address _____

GEOLOGICAL TARGET FORMATION Marcellus Shale

Estimated depth of completed well 5950 feet. X Rotary / Cable tools /
Approximate water strata depths: Fresh, 35 feet; salt, 900 feet.
Approximate coal seam depths: 550
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	11 3/4	H-40	42	X		20	20	Circulate	Kinds
Fresh water									
Coal									Sizes
Intermed	8 5/8	J-55	23	X		1000	1000	Circulate	
Production	4 1/2	J-55	9.5 & 10.5	X		5900	5900	450 Sks (1500)	Depths set
Tubing									
Liners									Perforations: Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 12-12-82

BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19 .

By: _____

Its: [Signature]