

FILE NO. P.D.C. # 3-P.9.66
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION B.M. = 747' INT.
(23) AND 55/3

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, Jr.
 R.P.E. *1856 L.L.S. _____

PLACE SEAL HERE

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



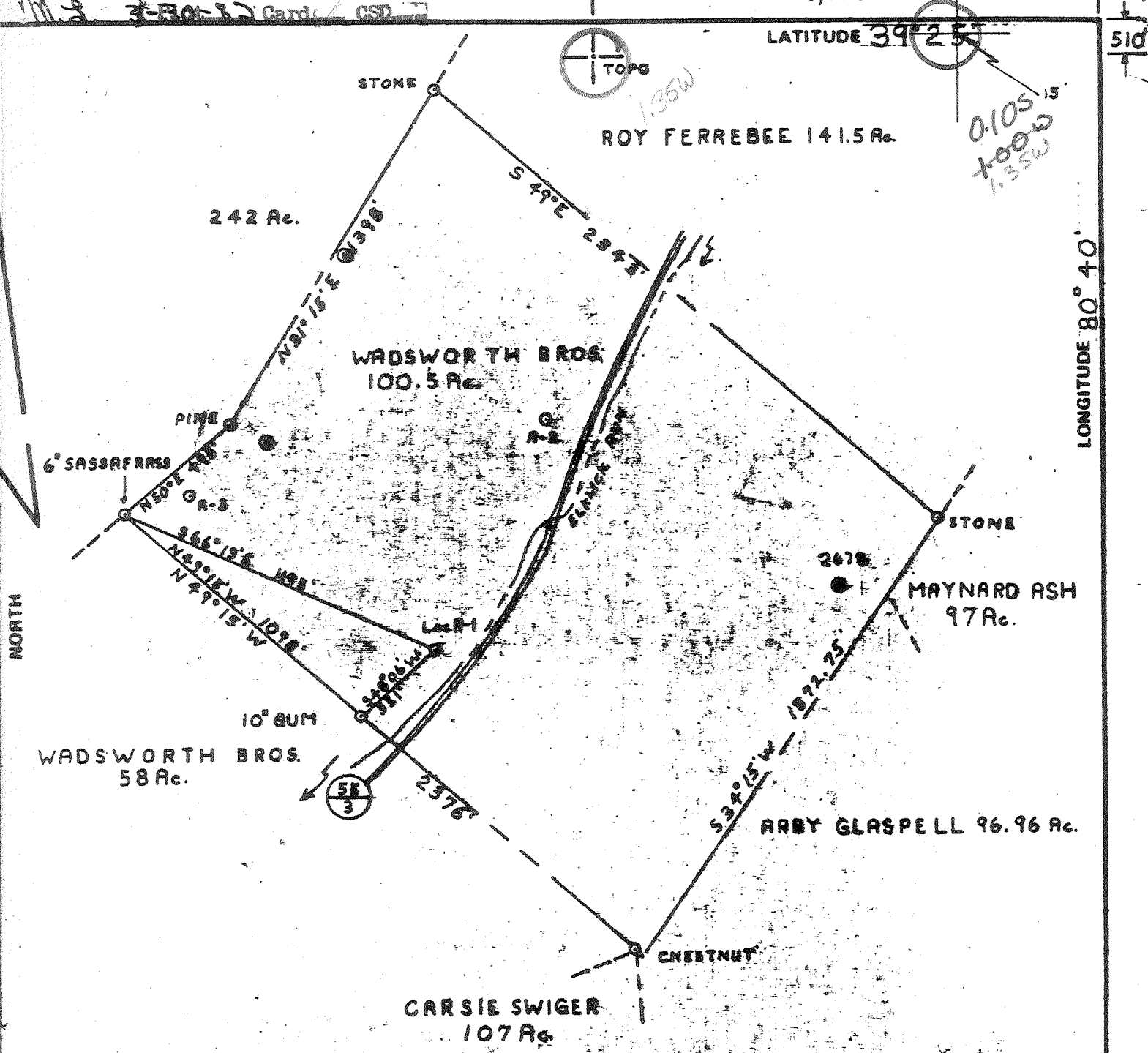
DATE JAN 8, 1982
 OPERATOR'S WELL NO. A-1
 API WELL NO. _____
47 - 017 - 3093
 STATE COUNTY PERMIT

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 940' WATER SHED ELKLICK RUN
 DISTRICT MCGLELLAN 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 5750'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.

JAN 31 1985



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 (SIGNED) Paul G. Dearn, Jr.
R.P.C.E. 1856 L.L.S.

PLACE SEAL HERE

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



DATE JUN 8, 1982
 OPERATOR'S WELL NO. A-1
 API WELL NO. 47-017-3093
 STATE WEST VIRGINIA COUNTY PUTNAM 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 730 WATERSHED ELKHORN RUN
 DISTRICT MAG LITTLE COUNTY DELRIDG
 QUADRANGLE CENTRE POINT 7 1/2 Centre Point 15' WC
 SURFACE OWNER WADSWORTH BROS. ACREAGE 100.5 Ac.
 OIL & GAS ROYALTY OWNER MARY M. WELCH LEASE AGREEMENT 100.5 Ac.
 LEASE NO. 3540

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 5750'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.



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

OIL AND GAS WELL PERMIT APPLICATION

OIL GAS

PRODUCE TO BE SOLD OTHER

Well No. 940
Owner: McClellan
County: Doddridge
Location: Elklick Run
Center Point 7 1/
Petroleum Development Corp.
P. O. Box 26
Bridgeport WV 26330

Applicant: Mary & Belva Welch
20 Meadowcrest Drive
Parkersburg, WV 26101

Acres: 100.5

Operator: Wadsworth Brothers, Inc.
Alva, WV 26322

Acres: 100.5

Well Name (If Made To):

Unknown

Person to be notified:

Stephen Casey
Route 2 Box 232-D
Jane Lew, WV 26378
884-7470

RECEIVED

MAR 26 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit holder (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. Well under lease well operator from J. W. McLaughlin

On 11-21-77, 1977, in the office of the Clerk of County Commission for

Doddridge County, West Virginia, in 103 Block name 168

Drilled well: Drill Drill deeper Redrill Fracture or stimulation
Plug off old formation Perforate new formation
Other physical change in well (specify):

--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 any objections they wish to make 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. 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 Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

PETROLEUM DEVELOPMENT CORPORATION
Well Operator

WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1115 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

John Mitchell

Signature: Area Manager

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 _____

INDUSTRIAL TARGET FORMATION Marcellus Shale
 Depth of completed well 5250 feet. Rotary X / Cable tools _____ /
 Depth to water strata depths: fresh, 50 feet; salt, 765 feet.
 Approximate coal seam depths: 265
 Coal being mined in this area: Yes _____ / No X /

PIPE AND TUBING PROGRAM	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS	PACKERS	
	Size	Grade	Weight per Ft	New	Used	For Drill- line			Left in Well
	11 3/4	H-40	42	X		20	20	Circulate	Kind:
	8 5/8	J-55	23#	X		1000	1000	Circulate	Size:
	4 1/2	J-559.5	10.5	X		5700	5700	450 sks (15.0 Rule)	
									Perforations:
									Top Bottom

This permit is required for the drilling of a well in a coal mine...
 The permit shall be required for fracturing or stimulating a well...
 Form IV-2 shall not be required for fracturing or stimulating a well...
 This permit shall be required for fracturing or stimulating a well...
 Form IV-2 shall not be required for fracturing or stimulating a well...
 This permit shall be required for fracturing or stimulating a well...
 Form IV-2 shall not be required for fracturing or stimulating a well...

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 12-01-82
 BY [Signature]

WAIVER

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
 well location, the well location has been added to the mine map. The under-
 signed has no objection to the work proposed to be done at this location, provided the
 operator has complied with all applicable requirements of the West Virginia Code and
 governing regulations.

_____, 19____
 By: _____
 Its: _____