

FILE NO. P.D.C. # 3 - P. 46
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. 26 & RT. 26 1/4 = 839'

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. Dean
 R.P.E. 1856 L.L.S. _____

PLACE SEAL HERE

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



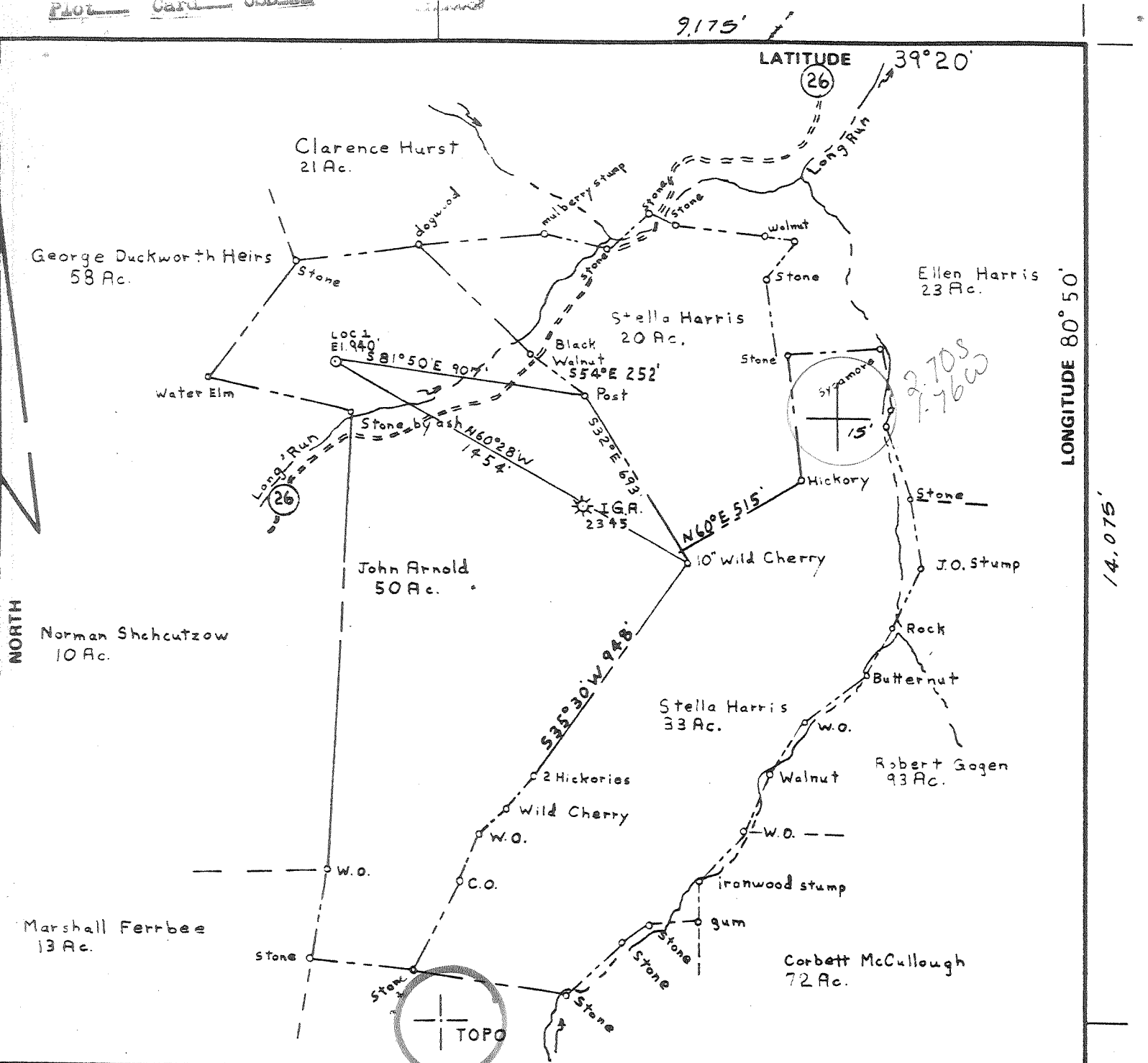
DATE 9-23, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-017-3052
 STATE COUNTY PERMIT

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' WATERSHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7 1/2
 SURFACE OWNER JOHN ARNOLD ACREAGE 50 Ac.
 OIL & GAS ROYALTY OWNER JOHN A. STATLER LEASE ACREAGE 100 Ac.
 LEASE NO. 168600
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE GR
 STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW
 FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5800'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT CORP
 ADDRESS 103 E. MAIN ST. BRIDGEPORT WV 26330 ADDRESS 103 E. MAIN ST. BRIDGEPORT WV 26330

NOV 5 1983



FILE NO. P.D.C. # 3-89-46
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 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. 26 & RT. 26/4 = 839'

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 (SIGNED) Paul G. Dean
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE 9-23, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. _____
47 - 017 - 3052
 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 940' WATER SHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7 1/2' 415' SC
 SURFACE OWNER JOHN ARNOLD ACREAGE 50 Ac.
 OIL & GAS ROYALTY OWNER JOHN A. STATLER LEASE ACREAGE 100 Ac.
 LEASE NO. 168600
 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 ALEXANDER ESTIMATED DEPTH 5800'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT CORP
 ADDRESS 103 E. MAIN ST. BRIDGEPORT WV 26330 ADDRESS 103 E. MAIN ST. BRIDGEPORT WV 26330

DEPARTMENT OF MINES

RECEIVED

OCT 19 1981

Oil and Gas Division

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE October 2, 1981

Surface Owner John Arnold
Address Box 104AA Greenwood, WV 26360

Company Petroleum Development Corporation
Address P. O. Box 26, Bridgeport, WV 26330

Mineral Owner John A Statler
Address Rt 1 Box 28A Pennsboro, WV 26425

Farm Statler Acres 100
Location (waters) Long Run

Coal Owner State of West Virginia
Address _____

Well No. 018 Elevation 940'
District Central County Doddridge

Field Operator _____

Quadrangle West Union 112

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 6-23-82.

INSPECTOR
TO BE NOTIFIED Stephen Casey

ADDRESS Rt. 2 Box 232-D Jane Lew, WV 26375

PHONE 884-7470

J. J. Murray
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the same may be) under grant or lease dated June 9 1981 by Petro Enterprises Inc. made to Petroleum Development Corp and recorded on the 24th day of June 1981 in Doddridge County, Book 122 Page 28

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be removed by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours,
John Mitchell
(Sign Name) _____
PETROLEUM DEVELOPMENT CORPORATION
P. O. Box 26
Street
Bridgeport
City or Town
West Virginia 26330
State

*SECTION 3. . . . If no objections are filed or found by the Department of Mines, within the period of ten days from the receipt of notice and plat by the department of mines, at said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereon by the department and that the same is approved and the well operator authorized to proceed.

47-017-3052

PERMIT NUMBER

BLANKET BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: Oil Kneel RESPONSIBLE AGENT
 NAME: Unknown NAME: Petroleum Development Corporation
 ADDRESS: ADDRESS P. O. Box 26, Bridgeport, WV 26300
 TELEPHONE: TELEPHONE 842-6256
 ANTICIPATED DEPTH OF COMPLETED WELL: 5800' ROTARY XX CABLE TOOLS
 ANTICIPATED GEOLOGICAL FORMATION: Alexander
 TYPE OF WELL: OIL X GAS X COAL STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

ANTICIPATED CASING PROGRAM

DEPTH (FEET)	TYPE OF CASING	DEPTH (FEET)	CEMENT FILL UP OR SACKS - CUBIC FT.
40'		40'	Circulate
1650'		1650'	Circulate to surface
		5800'	<u>580</u> Sacks
			Perf. Top
			Perf. Bottom
			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTH: 80 FEET 180 SALT WATER PEET
 DEPTH OF SEAL DEPTH: 300
 IS WELL BEING DRILLED IN THE AREA? No BY WHOM?

NOTE:
 FIVE COPIES OF ORIGINAL PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT
 MUST BE SUBMITTED WITHIN 10 DAYS OF PERMIT NUMBER AND PERFORMANCE BOND, ON AREA AND LAY PRIOR TO COMMENCEMENT OF DRILLING AND THE ORIGINAL WELL RECORD
 MUST BE SUBMITTED WITHIN 10 DAYS OF PERMIT NUMBER AND PERFORMANCE BOND, ON AREA AND LAY PRIOR TO COMMENCEMENT OF DRILLING AND THE ORIGINAL WELL RECORD
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THE PERMIT FEE MUST BE RECEIVED BY THE DATE OF COMPLETION OF THE WORK ORDER. THE PERMIT FEE MUST BE RECEIVED TWENTY-FOUR HOURS PRIOR TO THE DATE OF COMPLETION OF THE WORK ORDER.
 THE ORIGINAL PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT AND THE ORIGINAL WELL RECORD MUST BE SUBMITTED WITHIN 10 DAYS OF PERMIT NUMBER AND PERFORMANCE BOND, ON AREA AND LAY PRIOR TO COMMENCEMENT OF DRILLING AND THE ORIGINAL WELL RECORD.
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Official Title