

FILE NO. P.D.C. # 3 - P3 46
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. 26 & RT. 26/4 = 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)



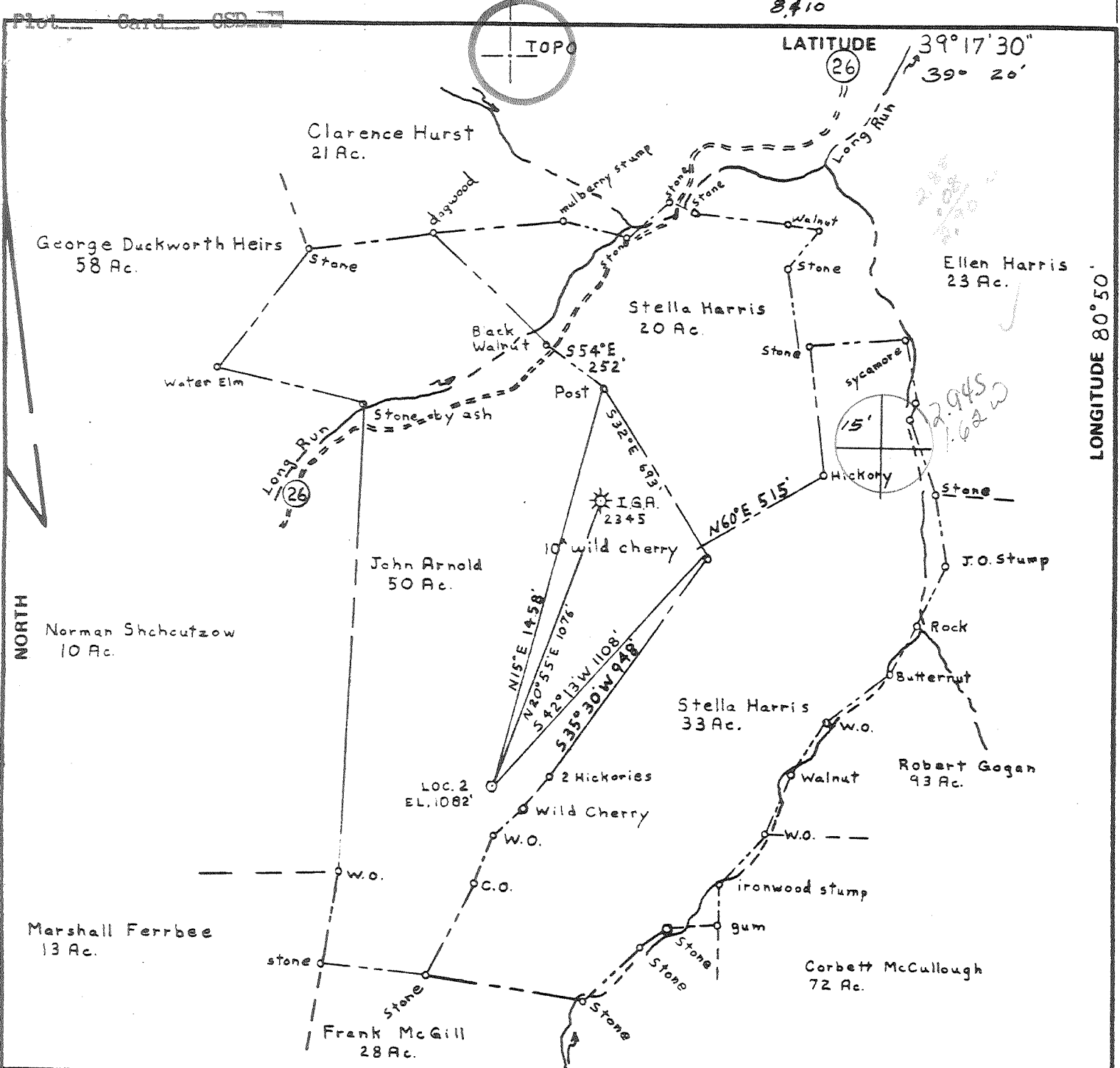
DATE 9-23, 1981
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-017-3053
 STATE COUNTY PERMIT

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 1082' WATER SHED 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 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. ADDRESS 103 E. MAIN ST.
BRIDGEPORT WV 26330 BRIDGEPORT WV 26330



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DATE 9-23 1981
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-017-3053
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

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 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1082' WATER SHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7 1/2' N15' 50'
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 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5800'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT CORP.
 ADDRESS 103 E. MAIN ST. ADDRESS 103 E. MAIN ST.
BRIDGEPORT WV 26330 BRIDGEPORT WV 26330

NOV 5 1981



STATE OF WEST VIRGINIA
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
Mineral Owner John A. Statler
Address Rt 1 Box 28A Pennsboro, WV 26425
Coal Owner State of West Virginia
Address _____
Coal Operator _____
Address _____

Company Petroleum Development Corporation
Address P. O. Box 26, Bridgeport, WV 26330
Farm Statler Acres 100
Location (waters) Long Run
Well No. 2 (Two) Elevation 1092'
District Central County Doddridge
Quadrangle West Union 7 1/2

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 26378

PHONE 384-7470

J. E. Muzzey
Deputy Director - Oil and 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 case may be) under grant or lease dated June 9 1981 by Petro Enterprises made to Petroleum Development Corp. and recorded on the 24th day of June 1981 in Doddridge County, Book 122 Page 28

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 received 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 M. Miller
(Sign Name)
PETROLEUM DEVELOPMENT CORPORATION

Address of Well Operator 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 said period of ten days from the receipt of notice and plat by the department of mines, to any 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 thereto by the department and that the same is approved and the well operator authorized to proceed.

47-017-3053

PERMIT NUMBER

BLANKET BOND

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

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

POSITIVE ASSESS PROGRAM:

FEET TO LAST SET	FEET FOR DRILLING	FEET IN WELL	CEMENT FILL UP OR SACKS - APPROX.
	40'	40'	Circulate
	1650'	1650'	Circulate to surface
		5800'	<u>580</u> sks
			Perf. Top
			Perf. Bottom
			Perf. Top
			Perf. Bottom

PERMANENT FRESH WATER DEPTH: 80 FEET 180 SALT WATER FEET
 PERMANENT COAL DEPTHS: 300
 COAL BELONGS TO THE STATE: No BY WHOM: _____

OWNER SHALL FILE COPIES OF ORIGINAL PERMIT, PERFORMANCE BOND AND PERMANENT COPY OF THIS PLAN

OWNER SHALL FILE COPIES OF ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND IN WELL RECORDS AND PROVIDE A PERMANENT COPY OF THIS PLAN AND THE ORIGINAL WELL RECORD TO THE STATE OF WEST VIRGINIA

FRACTURE - STIMULATE
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAN AND ORIGINAL WELL RECORD

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND.

It is the policy of the State of West Virginia that within ninety (90) days of completion for bond release, Inspector to be notified twenty-four (24) hours in advance.

The work on wells must be supervised by the well operator if the permit is to be issued within ten days of receipt.

That Company, Owner or Operator of the well under this permit shall maintain and place on file maps showing the proposed well location.

That the well shall be drilled in accordance with the provisions of the West Virginia Code, Chapter 20, Article 7, Chapter 21 of the West Virginia Code.

 Chief of the State Oil Company