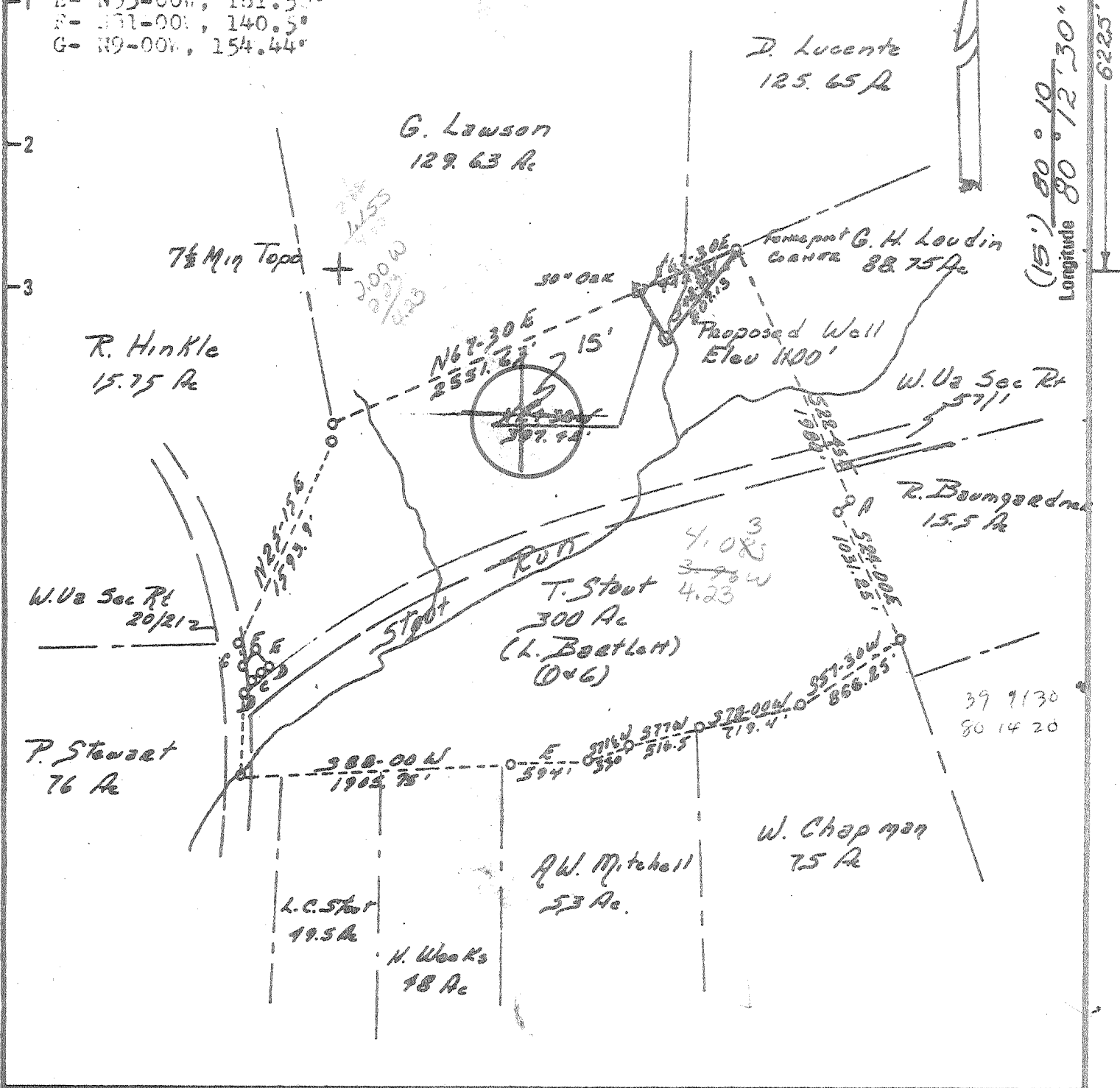


Latitude (15') 39° 12' 30" 39° 15'

- A- N54-00E, 156.75'
- B- N48-00E, 99.00'
- C- N48-00E, 99.00'
- D- N45-00E, 82.50'
- E- N35-00E, 181.50'
- F- S71-00E, 140.50'
- G- N9-00E, 154.44'



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1" - 5000'
 Source of Elevation U.S.G.S. - B.M. JCP. - VA. 80 20/21 - 571.1
 U.S.G.S. MOUNT CLARE TOWNSHIP 7 1/2 MIN. - 1042'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company TRINITY FUND DEVELOPMENT CORP.
 Address 103 S. EAST ST. BRIDGEPORT, W. VA.
 Farm WILLIAM BARRETT Tomis H. Stout
 Tract _____ Acres 300 Lease No. _____
 Well (Farm) No. _____ Serial No. _____
 Elevation (Spirit Level) 1100' NW
 Quadrangle WILKINSON 7 1/2 Philippi 15'
 County HARRISON District D. W. CO.
 Engineer _____
 Engineer's Registration No. 100 JU
 File No. _____ Drawing No. _____
 Date NOV 20, 1978 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. HAR-1240

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

47-033 JUN 1 1978

6-6 4500' Benson GLADE RUN 300



RECEIVED

MAR 15 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary XX Oil _____
Cable _____ Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Brownton 7 1/2

Permit No. HAR-1240

Company <u>Petroleum Development Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 26, Bridgeport, W.V. 26330</u>				
Farm <u>Lillie Bartlett</u> Acres <u>300</u>	Size			
Location (waters) <u>Stouts</u>	20-16			
Well No. <u>two</u> Elev. <u>1100</u>	Cond.			
District <u>Simpson</u> County <u>Harrison</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>Tonis H. Stout et.ux</u>	8 5/8	919	919	178 sks
Address <u>Rt.1, Box 495, Mt. Clare, W.V.</u>	7			
Mineral rights are owned by <u>Same</u>	5 1/2			
Address _____	4 1/2	4370	4370	235 sks
Drilling Commenced <u>8/20/78</u>	3			
Drilling Completed <u>8/26/78</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production <u>202m</u> cu. ft. per day _____ bbls.				
Well open <u>48</u> hrs. before test <u>1450</u> RP.				

Well treatment details:

Attach copy of cementing record.

Benson	600 bbl	20,000	80/100
		40,000	20/40
Bradford	490 bbl	10,000	80/100
		30,000	20/40

Coal was encountered at _____ Feet _____ Inches

Fresh water _____ Feet _____ Salt Water _____ Feet _____

Producing Sand Benson, Bradford Depth 4314-19; 3548-52

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	75		
Shale			75	320		
Sand & Shale			320	785		
Shale			385	1090		
Sand & Shale			1090	1250		
Lime			1250	1350		
Big Lime			1350	1500		
Injun			1500	1550		
Shale			1550	1810		
Gantz			1810	1820		
Shale			1820	1840		
50			1840	1870		
Shale			1820	1880		
30			1880	1920		
Shale			1920	2260		
4th			2260	2280		
Shale			2280	2335		
5th			2335	2365		
Shale			2365	2700		
Upper Speechly			2700	2740		
Shale			2740	2930		
Lower Speechly			2930	2950		
Shale			2950	3210		
Balltown			3210	(over) 3225		

* Indicates Electric Log tops in the remarks section.

MAR 15 1979

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			3225	3530		
Bradford			3530	3555		
Shale			3555	4050		
Riley			4050	4065		
Shale			4065	4310		
Benson			4310	4320		
				4468		
				4466		
					T.D. Logger	
					T.D. Driller	

Date February 20, 19 79

APPROVED Petroleum Development Corp. Owner

By John C. Moore
 (Title)
 Petroleum Engineer



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY 11 1978
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 9, 1978

Surface Owner Tonis H Stout et ux
Address Rt 1 Box 495 Mt Clare WV
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator _____
Address _____

Company Petroleum Development Corporation
Address P O Box 26 Bridgeport WV 26330
Farm Lillie Bartlett Acres 300
Location (waters) Stouts Run
Well No. Two Elevation 1100'
District Elk Simpson County Harrison
Quadrangle Mount Clare Brownston - 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 9-12-78
operations have not commenced by _____

INSPECTOR Paul Garrett
TO BE NOTIFIED

ADDRESS Clarksburg West Virginia 26301

PHONE 622-3871

Robert L. [Signature]

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 case may be) under grant or lease dated March 29th 19 78 by Tonis H and Frances E Stout Petroleum Development Corp made to _____ and recorded on the 30th day of March 19 78, in Harrison County, Book 1064 Page 829

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 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,
[Signature]
PETROLEUM DEVELOPMENT CORPORATION
(Sign Name) _____
Well Operator

Address
of
Well Operator

P O Box 26
Street
Bridgeport
City or Town
West Virginia 26330
State

BLANKET BOND

*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 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 thereto by the department and that the same is approved and the well operator authorized to proceed.

HAR-1240 PERMIT NUMBER

**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: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown _____ NAME Petroleum Development Corporation _____
 ADDRESS _____ ADDRESS P O Box 26 Bridgeport WV 26330 _____
 TELEPHONE _____ TELEPHONE 842-6256 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4500' _____ ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson _____
 TYPE OF WELL: OIL _____ GAS XX _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 11 3/4	40'	40'	Surface
9 - 5/8			
8 - 5/8	850'	850'	Surface
7			
5 1/2			
4 1/2		4350'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30' FEET 100' SALT WATER 600' FEET
 APPROXIMATE COAL DEPTHS 400'
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? _____

TO DRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT 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.
 Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title