

**COAL NOT OPERATED**

**BENCH MARK DESCRIPTION**  
 U.S.G.S. Standard Disc Set in Conc.  
 on East Side of Brushy Fork Road.  
 114. JEA (1957) Elev. 1082'

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company PATRICK PETROLEUM CORP.  
 Address CHARLESTON, W. VA.  
 Farm MARGARET BRANNON  
 Tract 9 Acres 340.79 Lease No. \_\_\_\_\_  
 Well (Farm) No. 9 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1274.16'  
 Quadrangle PHILIPPI, W. VA. NW  
 County HARRISON District SIMPSON  
 Surveyor Jarrel A. Cendenin  
 Surveyor Registration No. 259  
 File No. 4-35 Drawing No. \_\_\_\_\_  
 Date JUNE 4, 1973 Scale 1" = 600'

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

WELL LOCATION MAP  
 FILE NO. Hex-701

+ 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.

47-039



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

Quadrangle Phillipi  
Permit No. Har- 701

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas  \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company PATRICK PETROLEUM CORPORATION  
Address 901 Nelson Building  
Farm Margaret Brannon Acres \_\_\_\_\_  
Location (waters) Brushy fork Road  
Well No. 9 Elev. 1274.16'  
District Simpson County Harrison  
The surface tract is owned in fee by Margaret Brannon  
Address Same as above  
Mineral rights are owned by Margaret Brannon  
Address Same  
Drilling Commenced 6-6-73  
Drilling Completed 6-12-73  
Initial open flow 267,000 cu. ft. \_\_\_\_\_ bbls.  
Final production 1,154,000 per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test 1775 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
<del>2 1/2</del> 11 3/4"	82'	82'	100 sks
8 5/8	1322	1309	340 sks
7			
5 1/2			
4 1/2	4543'	4524'	150 sks
3			
2			
Liners Used			

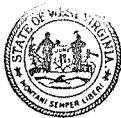
Attach copy of cementing record.

w/750 gal. 15% reg acid & 40,000 # Sand, treatment water 739 bbls.  
Final open flow 1,154,000 cu. ft. R. P. 1775 PSI

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water. 60 Feet \_\_\_\_\_ Inches  
Producing Sand Benson Salt Water \_\_\_\_\_ Feet 2040  
Depth 4453 to 4473'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	45		
Shale & Sand			45	473		Water at 60
Coal			473	479		
SH & SD & RR			479	1550		
Lime - Big lime			1550	1670		Water at 1075
SD & Shale			1670	1995		
Gantz Sand			1995	2040		Water at 2040
Sand & Shale			2040	2485		
5th Sand			2485	2530		
Sand & Shale			2530	4453		
Benson			4453	4473		
Sand & Shale			4473	4534		
				410		

\* Indicates Electric Log tops in the remarks section. (over)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUN 6 1973

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 June 5, 1973

Surface Owner Margaret Brannon  
Address Clarksburg, W. Va.  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator Same  
Address \_\_\_\_\_

Company PATRICK PETROLEUM CORPORATION  
Address Suite 901 Nelson Building  
Charleston, W. Va. 25301  
Farm MARGARET BRANNON Acres 340.78  
Location (waters) Stone Coal Run  
Well No. Nine (9) Elevation 1274.16'  
District Simpson County Harrison  
Quadrangle Phillipi

Inspector to be Notified:  
BILL BLOSSER  
Box 1857  
Colfax, W. Va. 24506  
TEL: 363-9105 - Fairmont

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 10-6-73.

Robert L. Todd  
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 December 1, 1925 by Margaret Coplin Brannon <sup>Widow</sup> made to Grassekku Chemical Co and recorded on the 24th day of December 19 25 in Harrison County, Book 363 Page 98

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.

Very truly yours, PATRICK PETROLEUM CORPORATION  
(Sign Name) Paul P. Lopez  
Well Operator

Address of Well Operator Suite 901 Nelson Building Street  
Charleston, W. Va. 25301 City or Town  
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 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.

BLANKET BOND

HAR-701 PERMIT NUMBER

47-033

*Lawry*

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

PROPOSED WORK ORDER TO  X  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Burdette Drilling Company NAME Donald C. Supcoe  
 ADDRESS 7-1/2 Spring Street ADDRESS Charleston, W. Va.  
Charleston, W. Va. TELEPHONE 344-9864  
 ESTIMATED DEPTH OF COMPLETED WELL: 4500' ROTARY  X  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Benson  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ 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 5/8"	60'	60'	Cmt. to surface
9 - 5/8			
8 - 5/8			
7			
<del>XX</del> 8-5/8"	1400'	1400'	Cmt. to surface
4 1/2	To be determined by logs		
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? Not operated 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 48 hours (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 part this proposed well location.  
 We the \_\_\_\_\_ Coal Company do hereby certify that said well being drilled at this location, providing operator has complied with all rules and regulations of the State of West Virginia Code.

For Coal Company

Official Title