



COAL NOT OPERATED

BENCH MARK DESCRIPTION
 U.S.G.S. Standard Disc Set in Conc.
 On East Side of Brushy Fork Road.
 11A-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 1 Acres 424 Lease No. _____
 Well (Farm) No. 8 Serial No. _____
 Elevation (Spirit Level) 1160.49'
 Quadrangle PHILIPPI, W. VA. NW
 County HARRISON District SIMPSON
 Surveyor Jarvis A. Cauden
 Surveyor Registration No. 289
 File No. 4-30 Drawing No. _____
 Date MAY 28, 1973 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. Har-697

+ 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



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

79-15
1-33
8

Quadrangle Phillipi
Permit No. Har-697

Rotary Oil
Cable _____ Gas NO. 1
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. 8 Elev. 1160'

District Simpson County Harrison

The surface of tract is owned in fee by Margaret Brannon

Address same as above

Mineral rights are owned by Same

Address _____

Drilling Commenced 5-30-73

Drilling Completed 6-4-73

Initial open flow 120,000 cu. ft. _____ bbls.

Final production same 377 cu. ft. per day _____ bbls.

Well open 2 hrs. before test 1875 RP.

Well treatment details:

W/ 750 gal 15% Reg. Acid & w/2700 # sand treatment fluid 480 bbls/
Open flow (377 MCF/D) after blowing 2 hrs.

Attach copy of cementing record.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8 11 3/4"	78'		78' 100sks
8 5/8	1938'		400 sks
7			
5 1/2			
4 1/2	4439		150 sks
3			
2			
Liners Used			

Coal was encountered at _____ Feet _____ Inches
Fresh water 65 Feet _____ Salt Water _____ Feet
Producing Sand _____ Depth 4344-4362

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10		
Sh & SD & RR			10	450		
Sand			450	720		Water at 65
SD & SH			720	1450		
Lime - Big lime			1450	1575		
Sand - Inj			1575	1620		
Sand & Shale			1620	1862		
Sand			1862	1925		
SD & SH			1925	2375		
Sand - F44			2375	2400		
SD & Sh			2400	4350		
Sand - Benson			4350	4380		
Shale			4380	4450		
				410		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAY 30 1973

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 30, 1973

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

Company PATRICK PETROLEUM CORPORATION
Address Suite 901 Nelson Building
Charleston, West Virginia
Farm MARGARET BRANNON Acres 424
Location (waters) Stone Coal Run / Brushy Cr.
Well No. Eight (8) Elevation 1160.49'
District Simpson County Harrison
Quadrangle Philippi

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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 9/30/73.

Inspector to be notified:

Bill Blosser
Bx. 1857
Colfax, W. Va.
Tel: 363-9105 Fairmont

Robert H. [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 December 1, 1925 by Margaret Coplin Brannon, Widow made to Grasselli Chem. Co. and recorded on the 24th day of Dec. 1925 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) Donald C. Dupree / D.C.
Well Operator

Address
of
Well Operator

Suite 901 Nelson Bldg.
Street
Charleston, W. Va.
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-697

PERMIT NUMBER

47-033

