

Longitude 81° 40'

BENCH MARK DESCRIPTION
 U.S.G. & G.S. NPT-103-587-1966
 STANDARD DISC IN CONC. HEADWALL
 ON EAST SIDE W.VA. U.S. RT. NO 21, AND
 10' FROM EDGE OF BLAKETOP.

COAL NOT OPERATED.

Fracture	
Before 6/5/29	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input checked="" type="checkbox"/>

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 & PATRICK DEV. CORP.
 Address PETROLEUM CHARLESTON, W.VA.
 Farm PAUL C. SMITH
 Tract _____ Acres 108 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 600.30'
 Quadrangle RIPLEY, W.VA. Wc
 County JACKSON District RIPLEY
 Surveyor Jarvis A. Clederman
 Surveyors Registration No. 259
 File No. BK 3-PG-130 Drawing No. _____
 Date 9-22-72 Scale 1" = 300'

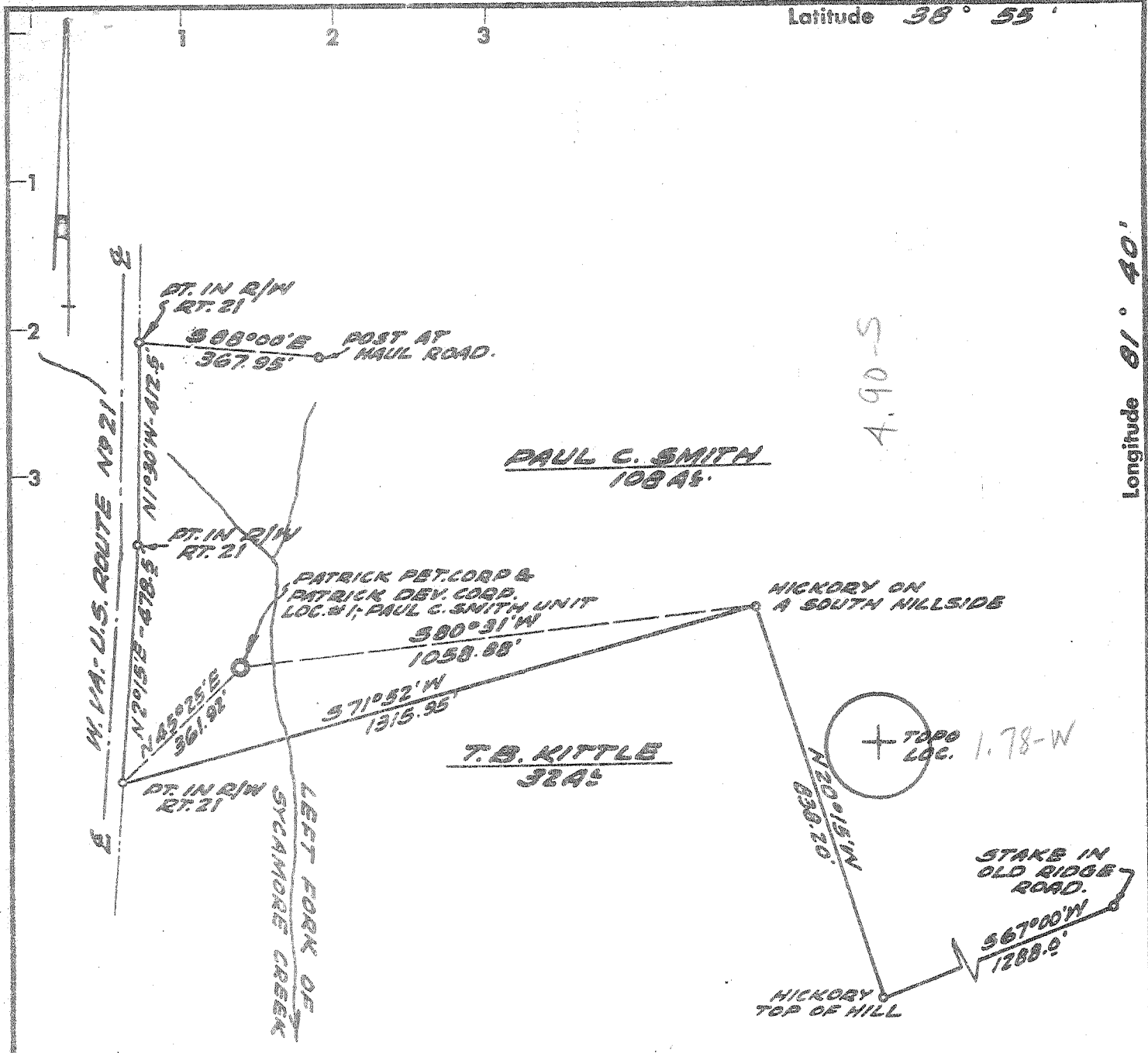
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Joe-1346-P

+ 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.

Latitude 38° 55'

Longitude 81° 40'



BENCH MARK DESCRIPTION
 U.S. G. & G.S. N.P.T. 103 - 307-1966
 STANDARD DISC IN CONC. HEADWALL
 ON EAST SIDE W. VA. U.S. RT. NO 21, AND
 10' FROM EDGE OF BLACKTOP.

COAL NOT OPERATED.

- 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 & PATRICK DEVELOPMENT CORP.
 Address PETROLEUM CHARLESTON, W.VA.
 Farm PAUL C. SMITH
 Tract _____ Acres 108 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 600.30'
 Quadrangle RIPLEY, W.VA. WC
 County JACKSON District RIPLEY
 Surveyor James N. Clederman
 Surveyor's Registration No. 259
 File No. BK 3 - PG - 130 Drawing No. _____
 Date 9-22-72 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. Jac. - 1346

+ 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.



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

Quadrangle Ripley
Permit No. Jac-1346

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ **DRY** (Kind)

Company <u>PATRICK PETROLEUM CORPORATION</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>901 Nelson Bldg. Charleston, W. Va.</u>				
Farm <u>Paul C. Smith</u> Acres <u>108</u>	Size			
Location (waters) <u>Left Fork Sycamore Ck.</u>	20-16			
Well No. <u>One (1)</u> Elev. <u>600.30'</u>	Cond.			
District <u>Ripley</u> County <u>Jackson</u>	13-10"	<u>60'</u>	<u>60'</u>	Cmt. to Surf.
The surface of tract is owned in fee by <u>Paul Smith Ripley, W. Va.</u>	9 5/8	<u>1980'</u>	<u>1980'</u>	" " "
Address _____	8 5/8			
Mineral rights are owned by <u>Same</u>	7	<u>4753'</u>	<u>753'</u>	Cmt. 800'
Address <u>Same</u>	5 1/2			
Drilling Commenced <u>October 2, 1972</u>	4 1/2			
Drilling Completed <u>October 26, 1972</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2			
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				
Well treatment details:				

Attach copy of cementing record.

Coal was encountered at No Coal Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10'		
Sand & Shale			10'	835'		
Red Rock			835'	848'		
Sand & Shale			845'	1198'		
Sand			1198'	1238'		
Shale & Sand			1238'	1279'		
Sand			1643'	1680'		
✓ Lime - <u>Biglime</u>			1680'	1826'		
✓ Big Injun			1826'	1851'		
Shale			1851'	2291'		
✓ Berea Sand			2291'	2301'		
Shale			2301'	4691'		
✓ Lime - <u>HUNTERSVILLE - 463</u>			4691'	4795'		
✓ Oriskany Sand			4795'	4825'		
✓ Lime & Shale - <u>HELBERGERS & SALINA</u>			4825'	5590'		
✓ Newberg Sand			5590'	5594'		
✓ Lime & Shale - <u>McKENZIE</u>			5594'	5620'		

545

RECEIVED
NOV 3 1972

OIL & GAS DIVISION
DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

NOV 13 1972



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 4 1972

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 October 2, 1972

Surface Owner Paul C. Smith Hrs.
Address Ripley, W. Va.
Mineral Owner Same
Address _____
Coal Owner No Coal
Address _____
Coal Operator No Coal
Address _____

Company PATRICK PETROLEUM CORPORATION
Address 901 Nelson Building
Charleston, W. Va. 25301
Farm PAUL C. SMITH Acres 108
Location (waters) Left Fork of Sycamore Ck.
Well No. One (1) Elevation 600.30'
District Ripley County Jackson
Quadrangle Ripley, W. Va.

INSPECTOR TO BE NOTIFIED

Mr. Fred Burtette
Box 190 PH: 987-9263
Ciceron Route
Sissonville, W. Va. 25185

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 2-4-73

Robert S. [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 August 15, 1966 by Paul Smith made to Commonwealth Gas Corp. and recorded on the 15th. day of August 1972, in Jackson County, Book 102 Page 466

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. Supercus
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

JAC-1346

PERMIT NUMBER

**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 Carl Smith, Inc. NAME Donald C. Supcoe
 ADDRESS Sandyville, W. Va. ADDRESS Charleston, W. Va.
 TELEPHONE _____ TELEPHONE 344-9864
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS X 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	90	90'	
9 - 5/8	1700'	1700'	525 cu. ft.
8 - 5/8		Circ. to surface	
7	5450'	5450'	
5 1/2			
4 1/2			
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? None 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