

Minimum Error of Closure 1" = 200

Source of Elevation U.S. GOV. B.M. ELEV. 907 Loc. at head of Patrick Cr. 3 M. N.W. U.S. 52

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.

Signed: James P. Hager  
Squares: N S E W

Fracture   
New Location   
Drill Deeper   
Abandonment  4/7/78

Map No.

Company	<u>PIP PETROLEUM CORP.</u>		
Address	<u>P.O. BOX 505 WAYNE, W.Va.</u>		
Farm	<u>OLIVER VIERS</u>		
Tract	Acres <u>258</u>	Lease No.	
Well (Farm) No.	<u>5</u>	Serial No.	<u>NE</u>
Elevation (Spirit Level)	<u>921.4 Louisia 15</u>		
Quadrangle	<u>PRICHARD, W. Va. - KY.</u>		
County	<u>WAYNE</u>	District	<u>BUTLER</u>
Engineer	<u>JAMES R. HAGER</u>		
Engineer's Registration No.	<u>KY.L.S. 1532</u>		
File No. W.C.	<u>1</u>	Drawing No.	<u>500</u>
Date	<u>JUNE 15, 1975</u> Scale <u>1" = 400'</u>		

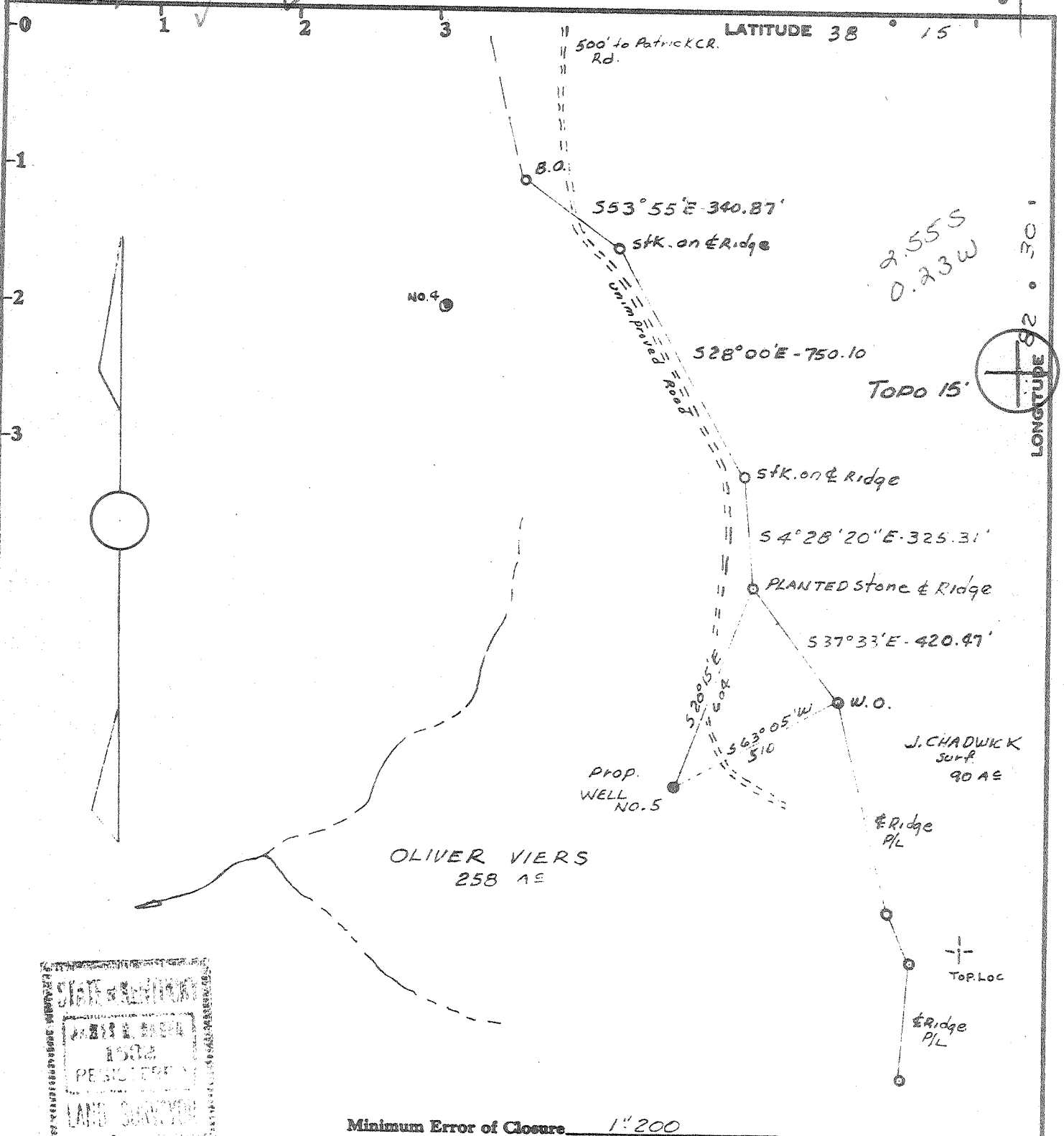
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP  
FILE NO. WAY - 1584 - P

+ Denotes location of well on United States Topographic Maps, scale 1 to ~~42,500~~ <sup>25,000</sup>, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-099



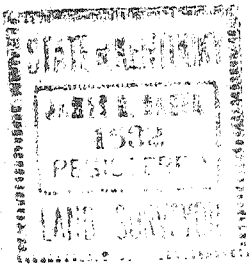
2.555  
0.23W

TOP 15'

LONGITUDE 82° 30'

OLIVER VIERS  
258 AE

J. CHADWICK  
SURF.  
90 AE



Minimum Error of Closure 1" 200

Source of Elevation U.S. GOV. B.M. ELEV. 907 Loc. at head of Patrick Cr. 3 M. N.W. U.S. 52

- Fracture.....
- New Location.....
- Drill Deeper.....
- 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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: James R. Hager  
Squares: N S E W

Map No.

Company	PIP PETROLEUM CORP.	
Address	P.O. BOX 505 WAYNE, W.Va.	
Farm	OLIVER VIERS	
Tract	Acres 258	Lease No.
Well (Farm) No.	5	Serial No. NE
Elevation (Spirit Level)	921.4	Louis 15'
Quadrangle	RICHARD, W.Va. - KY.	
County	WAYNE	District BUTLER
Engineer	JAMES R. HAGER	
Engineer's Registration No.	KY.L.S. 1532	
File No.	W.C. 1	Drawing No. 500
Date	June 15, 1975	Scale 1" = 400'

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

**WELL LOCATION MAP**  
**WAY - 1584**  
FILE NO. WAY - 1584

+ 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.

**47-099**

6-6 WHITES CK GRAGSTON 229



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OCT 25 1977

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

Rotary   
OIL & GAS DIVISION  
DEPT. OF MINES

Cable Tools   
Storage

Oil or Gas Well oil  
(KIND)

Quadrangle Richard W. Va. Ky.

Permit No. WV 410-84  
47-077

WELL RECORD 13

Company PIP Petroleum  
Address P.O. Box 505 Wayne W. Va.  
Farm Oliver Viers Acres 258  
Location (waters) \_\_\_\_\_  
Well No. 5 Elev. \_\_\_\_\_  
District Butler County Wayne  
The surface of tract is owned in fee by Viers  
Address Wayne W. Va.  
Mineral rights are owned by Viers  
Address Wayne W. Va.  
Drilling commenced 1-28-76  
Drilling completed 3-15-76  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 3/4	<u>878</u>	<u>533'</u>	Depth set
6 5/8			
5 3/16			
4 1/2	<u>2226'</u>	<u>2226'</u>	
3			Perf. top <u>2162</u>
2			Perf. bottom <u>2122</u>
Liners Used			Perf. top _____
			Perf. bottom _____

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil 4 bbls Natural bbls., 1st 24 hrs.

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) \_\_\_\_\_  
Name of Service Co. Powell  
COAL WAS ENCOUNTERED AT 218-319 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED (DETAILS) Water Fract used 5000 Pounds sand 2040 sand 1000 Reg. Mud Acid  
act did not do no good 4-10-76 shut Casen With 120qt. Nitrogen closed well in  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) None  
ROCK PRESSURE AFTER TREATMENT None HOURS \_\_\_\_\_  
Fresh Water 104 Feet \_\_\_\_\_ Salt Water 620 Feet \_\_\_\_\_  
Producing Sand Berea Depth 2162 2122

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	5			
Rock			5	10			
Slate			10	45			
bed Rock			45	75			
Slate			75	95			
Shell			95	104			
Slate			104	125			
bed Rock			125	150			
Sand			150	170			
Slate			170	238			
Shell			238	269			
Slate			269	305			
Sand			305	318			
Coal			318	319			
Slate			319	360			

OCT 28 1977

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			360	405		
Slate			405	465		
Sand			465	675		
Slate + Sand			675	740		
Sand			740	756		
Slate			756	950		
Dark shell			950	967		
Sand			967	978		
Slate			978	1035		
Light Sand			1035	1295		
Slate			1295	1315		
Red Rock			1315	1318		
Slate			1318	1345		
Little Lime			1345	1370		
Pencil Cove			1370	1373		
Big Lime			1373	1528		
Big Ingun			1528	1700		
Slate + Shell			1700	2135		
Brown shale			2135	2162		
Green sand			2162	2173		
Shell			2173	2187		
Brown shell			2187	2192		
Shell 441 Brown Shell			2192	2204		
Bottom Hole			2204			

Date \_\_\_\_\_, 19\_\_\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JAN 28 1976

OIL & GAS DIVISION  
DEPT. OF MINES

*R*  
*19*

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 1-26-76

Surface Owner Oliver Viers Company PIP Petroleum Corp  
 Address B. 505 Wayne W. Va. Address P.O. Box 505, Wayne, W. Va.  
 Mineral Owner Same Farm Oliver Viers Acres 3.58  
 Address \_\_\_\_\_ Location (waters) ?  
 Coal Owner Oliver Viers Well No. 5 Elevation 921.4  
 Address \_\_\_\_\_ District Butler County Wayne  
 Coal Operator None Quadrangle Richard W. Va. Ky  
 Address \_\_\_\_\_

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 5-28-76

[Signature]  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Kenneth Butcher  
PH: 736-4885 ADDRESS Barboursville, W. Va.

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 8-27 1964 by PIP Petroleum Corp made to PIP Petroleum Corp and recorded on the 8 day of 30 1964, in Wayne County, Book 11 Page 116

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, W. Va. 26505  
AC 304-296-4461

Very truly yours, PIP Petroleum Corp  
 (Sign Name) [Signature] Well Operator  
 Address 16 Bear... Street  
 of \_\_\_\_\_ City or Town  
 Well Operator \_\_\_\_\_ 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

Way-1584 PERMIT NUMBER  
47-099

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

PROPOSED WORK ORDER TO ✓ DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Pip Petroleum Corp NAME B. J. Clever  
 ADDRESS P.O. Box 515 Wayne W. Va. ADDRESS P.O. Box 515 Wayne W. Va.  
 TELEPHONE 304 272 3201 TELEPHONE 304 272 3201  
 ESTIMATED DEPTH OF COMPLETED WELL: 2250. ROTARY \_\_\_\_\_ CABLE TOOLS ✓  
 PROPOSED GEOLOGICAL FORMATION: State of Sh-115  
 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			
9 - 5/8			
8 - 5/8	<u>750</u>	<u>750'</u>	<u>To Surface</u>
7			
5 1/2	<u>2250'</u>	<u>2250'</u>	<u>400'</u>
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 77 730 \_\_\_\_\_  
 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