



Surface: PAUL CLEVINGER
NEW MILTON, W.VA.

Minimum Error of Closure 1 in 200

Source of Elevation ALBERT PEARCY #5, ELEV-1076.40 CH.

- 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: *Curtis A. Lucas*

Map No. N 17 Squares: N S 18 E W 8

Company	PENNZOIL COMPANY		
Address	P.O. Box 1588, Parkersburg, W. Va. 26101		
Farm	ALBERT PEARCY, P. CLEVINGER		
Tract	Acres	Lease No.	
	375	31413	31418
Well (Farm) No.	19	Serial No.	
Elevation (Spirit Level)	1083.41		
Quadrangle	Vadis 15' NW		
County	Doddridge District New Milton		
Surveyor	CURTIS A. LUCAS		
Surveyor's Registration No.	275		
File No.	887	Drawing No.	
Date	7-1-76	Scale	1" = 800'

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

WELL LOCATION MAP
FILE NO. DOD-1820

+ 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. **47-017**

BRUNING 44-131 27198

2160' Big Injunct PORTO RICO

134 JUL 9 1976



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Vadis Quad.

Permit No. Dod-1820

Company <u>Pennzoil Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 1588, Parkersburg, W. Va. 26101</u>				
Farm <u>A. L. Percy</u> Acres <u>375</u>	Size			
Location (waters) <u>Right Fork of Toms Run</u>	20-16			
Well No. <u>19</u> Elev. <u>1083.41'</u>	Cond.			
District <u>New Milton</u> County <u>Doddridge</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>Mr. Paul Clevenger</u>	8 5/8	317	317	225 sks.
Address <u>New Milton, W. Va. 26411</u>	7			
Mineral rights are owned by <u>Mrs. Una P. Owen</u>	5 1/2			
Address <u>4545 Connecticut Ave., N.W.</u>	4 1/2	2073	2073	50 sks.
Drilling Commenced <u>8-10-76</u> <u>Washington, D. C.</u>	3			
Drilling Completed <u>9-2-76</u>	2			
Initial open flow <u>80,000</u> cu. ft. <u>12</u> bbls.	Liners Used			
Final production <u>60,000</u> cu. ft. per day <u>(8)</u> bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Fractured: 9/11/76 w/740 BW, 30,000# 20/40 sd., 500 Gal. 15% HCL

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 2000-2020

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Silt & Sand			0	153		
Sand			153	175		
Shale & Silt			175	197		
Sand			197	238		
Shale & Silt			238	374		
Sand			374	448		
Shale & Silt			448	485		
Sand			485	510		
Silt & Sand			510	540		
Sand			540	600		
Shale & Silt			600	664		
Sand			664	683		
Shale & Silt			683	744		
Sand			744	762		
Shale & Silt			762	1166		
Sand			1166	1226		
Shale & Silt			1226	1370		
Sand			1370	1425		
Shale			1425	1487		
Sand & Silt			1487	1509		
Shale			1509	1546		
Sand			1546	1581		
Shale			1581	1619		
Sand			1619	1689		
Shale			1689	1851		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet /	Bottom Feet	Oil, Gas or Water	Remarks
Little Lime			1851	1870		
Blue Monday			1870	1903		
Big Lime			1903	1958		
Loyalhanna <u>Big Injun</u>			1958	2000		
Show of Oil			2000	2020		
Shale			2020	2046		
Total Depth				2079		
PBD				2046		

Date March 22, 1977

APPROVED PENNZOIL COMPANY, Owner

By Curtis A. Puccia
(Title) Eng. Dept.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 2 - 1976

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 July 1, 1976

Surface Owner Mr. Paul Clevenger
Address New Milton, W. Va. 26411
Mineral Owner Mrs. Una P. Owen
Address 4545 Connecticut Ave., N. W.
Washington D. C. 20008
Coal Owner _____
Address _____
Coal Operator NO COMMERCIAL COAL
Address _____

Company PENNZOIL COMPANY
Address P. O. Box 1588, Parkersburg, W. Va. 26101
Farm A. L. Percy Acres 375
Location (waters) Right Fork of Toms Run
Well No. 19 Elevation 1083.41'
District New Milton County Doddridge
Quadrangle Vadis 15'

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If 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 11-2-76

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH: 622-3871 ADDRESS 321 Beech St.
Clarksburg, WV.

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 1-18- 1899 by Albert Percy, et al made to South Penn Oil Co. and recorded on the _____ day of _____ 19____, in _____ County, Book 14 Page 312

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.

✓ I SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Address
of
Well Operator

Very truly yours. PENNZOIL COMPANY
(Sign Name) Curtis A. Lucas
Well Operator Curtis A. Lucas,
P. O. Box 1588 Civil Eng. Dept.
Street
Parkersburg,
City or Town
West Virginia 26101
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 time 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

DOD-1820 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 _____ NAME Pennzoil Company
 ADDRESS _____ ADDRESS Parkersburg, West Virginia 26101
 TELEPHONE _____ TELEPHONE 422-6565
 ESTIMATED DEPTH OF COMPLETED WELL: 2160 ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL X 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	310	310	Cement to surface
7			
5 1/2			
4 1/2	2160	2160	50 sks.
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

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."
 Signed by: *Edward G. Brown*