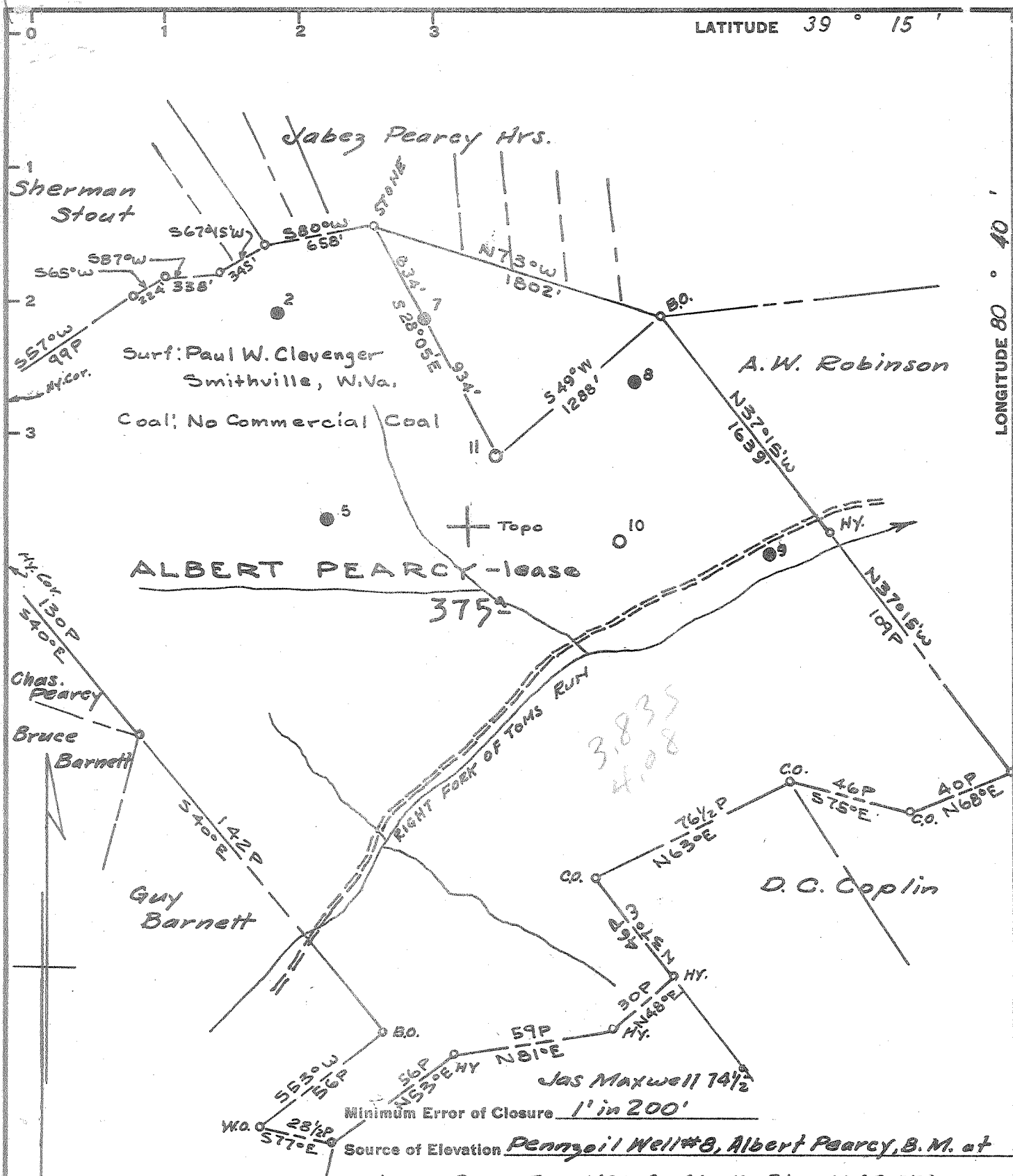


TCP

LATITUDE 39 ° 15 '

LONGITUDE 80 ° 40 '



- 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: A.C. Hillent  
 Map No. N17      Squares:    N    S 18    E    W 8

Company	<u>PENNZOIL COMPANY</u>
Address	<u>P.O. Box 1588, Parkersburg, W.Va.</u>
Farm	<u>Albert Pearcy</u>
Tract	Acres <u>375</u> Lease No. <u>31413</u> <u>31414</u>
Well (Farm) No.	<u>11</u> Serial No. _____
Elevation (Spirit Level)	<u>1084.98 ground</u>
Quadrangle	<u>VADIS -NW</u>
County	<u>Doddridge</u> District <u>New Milton</u>
Engineer	<u>A.C. Hillent</u>
Engineer's Registration No.	<u>2534</u>
File No.	<u>887</u> Drawing No. _____
Date	<u>March 24, 1963</u> Scale <u>1" = 800'</u>

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

**WELL LOCATION MAP**

FILE NO. DOD-1118

+ 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.

6-6-134



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 4

Quadrangle VADIS

Permit No. DOD-1118

WELL RECORD

Oil or Gas Well Q & G  
(KIND)

Company PENNZOIL COMPANY  
Address P. O. Box 1588, Parkersburg, W. Va.  
Farm Albert Pearcy Acres 375  
Location (waters) Right Fork of Toms Run  
Well No. 11 Elev. 1084.98  
District New Milton County Doddridge  
The surface of tract is owned in fee by Paul W. Clevenger  
Address Smithville, W. Va.  
Mineral rights are owned by Lyle B. Horner & Co., Realtor  
Goff Building Address Clarksburg, W. Va.  
Agent  
Drilling commenced April 25, 1964  
Drilling completed May 4, 1964  
Date Shot - From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Show Oil & Gas (Drilled w/Rotary) Cu. Ft.  
Rock Pressure lbs. hrs.  
Oil bbls., 1st 24 hrs.  
WELL ACIDIZED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Steel Shoe
13			Float Collar
10			Guide Shoe
8 5/8"	445'	445'	Size of Shoe
4 1/2"			4 1/2"
3			Depth set
2			445'
			2126'
			2126'
			Perf. top
			Perf. bottom
			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8" SIZE 445 No. Ft. 4/27/64 Date  
4 1/2" 2126 5/5/64

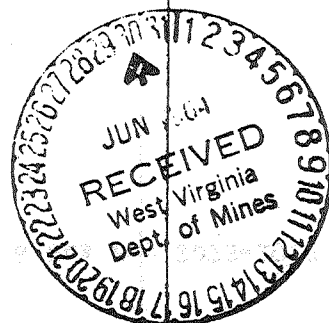
COAL WAS ENCOUNTERED AT 61 FEET 12 INCHES  
1112 FEET 36 INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED 5/12/64 - Used: 400 Gal. MCA Acid, 70 Gal. Morflo, 30 Gal. Howco Suds,

RESULT AFTER TREATMENT Gas = 15 Gal. Hyflo, 800 Lbs. WAC-8, 60,000 Gal. Water (1,550 Bbls.)  
Oil = 40,000 Cu. Ft. 20/40 Sand  
ROCK PRESSURE AFTER TREATMENT 15 Bbls. 500 Lbs.

Fresh Water - Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & R. Rock			0	15			
Sand			15	40			
Shale			40	61			
Coal			61	62			
Shale			62	80			
Sandy Shale			80	95			
Sand & Shale			95	102			
Sand			102	112			
Shale			112	126			
Sand Shale Stringers			126	145			
Sand			145	195			
Sandy Shale			195	210			
Sand			210	297			
Sandy Shale & Red Rock			297	385			
Shale & Sand			385	431			
Sand			431	448			
Shale & R. Rock			448	581			
Lime			581	595			
Shale & R. Rock			595	820			
Grey Shale			820	865			
Shale & R. Rock			865	1045			
Sandy Shale			1045	1112			
Coal			1112	1115			
Sandy Shale			1115	1310			
Shale			1310	1330			
Sandy Shale			1330	1405			
Sandy Lime & Shale			1405	1503			
Shale			1503	1520			
Sandy Lime & Shale			1520	1600			
Sand			1600	1645			



Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand & Lime			1645	1783			
Sand & R. Rock			1783	1896			
Little Lime			1896	1913			
Lime & Sand			1913	1924			
Blue Monday			1924	1941			
Pencil Cave			1941	1949			
Big Lime			1949	2006			
Big Injun.			2006	2089	Oil & Gas Pay	2073-2077	
Shale			2089	2126			
<b>TOTAL DEPTH</b>				2126			

Date June 26, 1964

APPROVED PENNZOIL COMPANY, Owner

By George W. Wilsman, (Title) Manager  
Land-Lease Records Department