

0615 7.5' Loc 15'  
 38° 20' 1.215 1.212  
 81° 45' 1.370 1.370  
 shk

- Fracture
- Before 6/5/27
- 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.

PROVEN ELEVATION USGS BM 694.0 Road Intersection S.W. 2 M.

Company TWM PETROLEUM INC.  
 CHARLESTON, W.V.  
 Address KANAWHA VALLEY Bk. BLDG  
 Farm DELIMA PAINTER  
 Tract \_\_\_\_\_ Acres 58.54 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 758.24  
 Quadrangle SAINT ALBANS sk  
 County KANAWHA District WASHINGTON  
 Engineer H. L. Sefton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9-4-67 Scale 1" = 100'

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

WELL LOCATION MAP  
 FILE NO. KAN-2173

CORRECTED SCALE  
 + 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 /

Rotary   
Spudder   
Cable Tools   
Storage

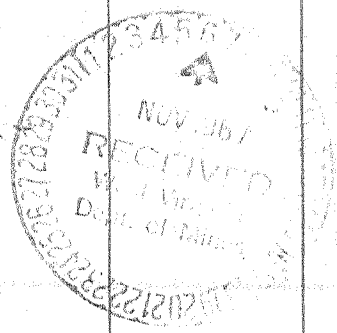
Quadrangle St. Albans  
Permit No. Kan-2173

**WELL RECORD**

Oil or Gas Well DRY  
(KIND)

Company	<u>TWM Petroleum, Inc.</u>		Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	<u>Kanawha Valley Bank Bldg., Charleston</u>		Size			
Farm	<u>Delima Painter</u>	Acres <u>58.54</u>	16			Kind of Packer
Location (waters)			1 3/8	96	96	
Well No.	<u>1</u>	Elev. <u>75824</u>	9 5/8	1921	483	Size of
District	<u>Washington</u>	County <u>Kanawha</u>	8 1/4			
The surface of tract is owned in fee by <u>Delima Painter</u>			7	5465	900	Depth set
Address <u>S. Charleston, W. Va.</u>			5 3/16			
Mineral rights are owned by <u>Delima Painter</u>			4 1/2			
Address <u>S. Charleston, W. Va.</u>			3			Perf. top
Drilling commenced	<u>Oct. 4, 1967</u>		2			Perf. bottom
Drilling completed	<u>Oct. 12, 1967</u>		Liners Used			Perf. top
Date Shot	From	To				Perf. bottom
With			Attach copy of cementing record.			
Open Flow	/10ths Water in	Inch	CASING CEMENTED			
	/10ths Merc. in	Inch	SIZE	No. Ft.	Date	
Volume		Cu. Ft.	Amount of cement used (bags)			
Rock Pressure	lbs.	hrs.	Name of Service Co.			
Oil	bbls., 1st 24 hrs.		COAL WAS ENCOUNTERED AT			
WELL ACIDIZED (DETAILS)			FEET	INCHES	FEET	INCHES
WELL FRACTURED (DETAILS)			FEET	INCHES	FEET	INCHES
<u>Water frac - 900 Bbls., Water w/2% KCl</u>						
<u>20,00 #sand</u>						
RESULT AFTER TREATMENT (Initial open Flow or bbls.)			<u>DRY</u>			
ROCK PRESSURE AFTER TREATMENT			HOURS			
Fresh Water	Feet		Salt Water	Feet		
Producing Sand			Depth			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	10			
Sand & Shale			10	908			
Salt Sand			908	1330	-422		
Sand & Shale			1330	1588	-258		
Lime			1588	1622	-34		
Shale			1622	1630	-8		
Lime <i>big lime</i>			1630	1815	-185		
Sand			1815	1880	-65		
Shale			1880	4725			
Onondana			4725	4820			
Oriskany			4820	4830			
Lime & dolomite			4830	5485			
Newburg			5485	5498			
Lime & dolomite			5498	5520			
			T.D.	5520			



Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Casing Record							
							Set and cemented 13-3/8 @ 96' and cemented with 100 sacks regular cement w/300 # calcium chloride
							Set and cemented 9-5/8 casing @ 1921' and cemented with 150 sacks of cement w/700 #salt
							Set and cemented 7" - 23#, N-80 casing @ 5465' and cemented w/140 cu. ft. of litepoz 3 containing 800 lbs of salt

Date 11-6, 1947

APPROVED J.W.M. Petroleum Inc. Owner

By H. L. Diddle  
(Title)