



MINIMUM ERROR OF CLOSURE  $\frac{1}{200}$

SOURCE OF ELEVATION U.S.C. & G. BM J-81. LOCATED ON  
TRESTLE WALL ACROSS WILHELM RUN

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."

Company HARVEY L. STARR  
 Address 1204-16TH ST., PARKERSBURG, W. VA.  
 Farm FLANNIGAN HEIRS  
 Tract. 1 Acres 19± Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 928.7'  
 Quadrangle WEST UNION, W. VA. - SF  
 County DODDRIDGE District CENTRAL  
 Engineer Warren S. Frank  
 Engineer's Registration No. 3688  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MAY 7, 1964 Scale 1" = 200'

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

WELL LOCATION MAP  
 FILE NO. DOD-1142

+ 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 89



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 9

Quadrangle West Union

Permit No. DOD-1142

WELL RECORD

Oil or Gas Well O&G  
(KIND)

Company Harvey L. Starr  
Address 920 Market St. Parkersburg, W. Va.  
Farm Flannigan Heirs Acres 19  
Location (waters) Arnold Creek  
Well No. One Elev. 928.7  
District Central County Dodridge  
The surface of tract is owned in fee by Mary Thomas  
Address Central Sta. W. Va.  
Mineral rights are owned by Flannigan Heirs  
Address \_\_\_\_\_  
Drilling commenced June 23, 1964  
Drilling completed August 13, 1964  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume Could Not Measure Cu. Ft.  
Rock Pressure None lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED August 19, 1964 - Halliburton

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	8'	8'	
13			
10	537	0	Size of
8 3/4	983	0	
6 3/4			Depth set
5 3/16			
4 1/2" OD	2087'	2087'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2" SIZE 2087 No. Ft. 8-14-64 Date  
100 sks. cement, LAWSON

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 500,000 Gas and Approx. 100 bbl. Oil

ROCK PRESSURE AFTER TREATMENT 625 lbs. - 24 Hrs.

Fresh Water 485 Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	10			
Sand			10	40			
Red Rock			40	45			
Slate			45	50			
Red Rock			50	90			
Slate			90	100			
Red Rock			100	140			
Slate			140	150			
Red Rock			150	164			
Slate			164	165			
Red Rock			165	206			
Lime			206	220			
Slate			220	240			
Red Rock			240	255			
Slate			255	260			
Red Rock			260	302			
Lime & Shells			302	310			
Lime			310	352			
Sand			352	395			
Slate			395	400			
Red Lime			400	415			
Slate			415	425			
Red Rock			425	455			
Sand			455	472			
Red Rock			472	480			
Sand			480	512			
Slate			512	610	Water	485-490	
Sand			610	631			
Lime			631	686			
Slate			686	693			



