



"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"

By Paul B. Dean

- New Location.....
- Drill Deeper.....
- Abandonment.....

B.M. REF IS LARGE HICKORY AT LICK RUN SCHOOL HOUSE N.W. OF LOCATION  
 NO COAL BEING WORKED - MINIMUM ERROR OF CLASURE 1/6,000

Company STANDARD GAS CO. AGENT  
 Address JANE LEW, WEST VA.  
 Farm STELLA ST. CLAIR  
 Tract 1&2 Acres 287.9± Lease No. \_\_\_\_\_  
 Well (Farm) No. 3 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1480  
 Quadrangle CRAWFORD - NE.  
 County UPSHUR District BUCKHANNON  
 Engineer Paul B. Dean  
 Engineer's Registration No. 1856  
 File No. 136-2-27 Drawing No. \_\_\_\_\_  
 Date NOVEMBER 10, 1964 Scale 1" = 50 FEET

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

**WELL LOCATION MAP**  
 FILE NO. UPS-864

+ 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 9

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Crawford  
Permit No. UPS-864

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Standard Gas Company, Agent  
Address P.O. Drawer 434, Jane Lew, W. Va.  
Farm Stella St Clair Acres 288  
Location (waters) Cutright Run  
Well No. St Clair No. 3 Venture Elev. 1480'  
District Buckhannon County Upshur  
The surface of tract is owned in fee by Stella St Clair et al  
Address Buckhannon, W. Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced December 3, 1964  
Drilling completed March 15, 1965  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED 'Riverfrac'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	55'	55'	
10	453'		Size of
8 1/4	1,427'	1,427'	
6 5/8			Depth set
5 3/16			
3			Perf. top <u>4102 1/2</u>
1 1/2		4,180'	Perf. bottom <u>4118 1/2</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 1 1/2" SIZE 600' No. Ft. 3/18/65 Date  
COAL WAS ENCOUNTERED AT 192 FEET 24 INCHES  
365 FEET 24 INCHES 420 FEET 24 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 2,500,000 Cu. Ft.  
ROCK PRESSURE AFTER TREATMENT 1,200 pounds - 12 hours  
Fresh Water \_\_\_\_\_ Feet 362' - 435' - 625' Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	35			
Slate			35	55			
Sand			55	90			
Slate			90	130			
Sand			130	145			
Slate			145	192			
Coal			192	197			
Slate			197	205			
Lime			205	235			
Sand			235	280			
Lime			280	360			
Sand			360	365	Water	362	
Coal			365	367			
Slate & Shells			367	420			
Coal			420	422			
Slate & Shells			422	453	Water	435	
Lime			453	458			
Sand			458	496			
Slate & Shells			496	630			
Lime			630	695	Water	635	1 Bailer per hour
Sand			695	740			
Lime			740	790			
Sand			790	852			
Slate & Shells			852	1005			
Sand			1005	1010			
Slate & Shells			1010	1045			
Sand			1045	1145			
Red Rock			1145	1170			
Lime			1170	1235			

(over)



Formation	Color	Hard or Soft	Top 9	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1235	1255			
Red Rock			1255	1270			
Lime			1270	1310			
Red Rock			1310	1342			
Lime			1342	1350			
Slate			1350	1360			
Little Lime			1360	1370			
Pencil Cave			1370	1372			
Lime			1372	1382			
Slate			1382	1396			
Red Rock			1396	1410			
Slate			1410	1417			
Big Lime			1417	1540			
Red Rock			1540	1554			
Injun Sand			1554	1594			
Lime			1594	1628			
Sand			1628	1770			
Slate			1770	1785			
Sand			1785	1830			
Slate & Shells			1830	1865			
Sand			1865	1880			
Red Rock			1880	2050			
Sand			2050	2100			
Slate & Shells			2100	2130			
Sand			2130	2140			
Red Rock			2140	2157			
Sand			2157	2175			
Red Rock			2175	2190			
Sand			2190	2204			
Slate & Shells			2204	2413			
Gritty Lime			2413	2500			
Slate & Shells			2500	2700			
Lime			2700	2772			
Slate			2772	2800			
Lime			2800	2840			
Slate & Shells			2840	3100			
Gritty Lime			3100	3450			
Slate & Shells			3450	3721			
Riley			3721	3800			
Slate & Shells			3800	4096			
Benson			4096	4136	Gas	4100-4110	15/10 W - 1/2"
Gritty Lime			4136	4202			
TOTAL DEPTH				4202			

Date April 2 - - - -, 19 65

APPROVED STANDARD GAS COMPANY, Agent, Owner

By John B. Davidson  
(Title) Gen. Mgr.