



Company UNITED PRODUCING CO., INC.  
 Address CHARLESTON, W. VA.  
 Farm HETTIE MCCORMICK, ET AL  
 Tract \_\_\_\_\_ Acres 48.7 Lease No. 10575-A  
 Well (Farm) No. 1 Serial No. 2623  
 Elevation (Spirit Level) 817.3  
 Quadrangle CHARLESTON-NW  
 County KANAWHA District UNION  
 Engineer John H. Burnett  
 Engineer's Registration No. 1442  
 File No. 5-B Drawing No. \_\_\_\_\_  
 Date Aug. 5, 1957 Scale. 1"=500'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-1668

+ 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.

Clinton Well

Deep W/o // Fract



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

Quadrangle Charleston

WELL RECORD

Permit No. KAN-1668

Oil or Gas Well Gas  
(KIND)

Company United Producing Company, Inc.  
Address Box 1913, Charleston 27, West Virginia  
Farm Hettie McCormick et al Acres 48.7  
Location (waters) Rocky Fork Pocatalico River  
Well No. 1 (2623) Elev. 817.3' gr. 16"  
District Union County Kanawha  
The surface of tract is owned in fee by Hettie McCormick et al, 2625 Bard Ave., Address St. Albans, W. Va.  
Mineral rights are owned by Same Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
1 3/8"	15'	15'	
1 3/4"	545'	00	Size of
5/8"	1200'	00	
5/8"	1903'	1903'	Depth set
6 5/8" OD	4858'	4858'	
5 3/16" 1 1/2"	158'	158'	Perf. top (1 1/2") 6294'
3/2"	6254'	6254'	Perf. bottom 6306'
2			Perf. top
Liners Used			Perf. bottom

Drilling commenced June 30, 1957  
Drilling completed June 6, 1958  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 2 /10ths Water in \_\_\_\_\_ 2 Inch  
\_\_\_\_\_/10ths Merc. in \_\_\_\_\_ Inch  
Volume 60,000 Cu. Ft.  
Rock Pressure 1760 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

CASING CEMENTED 7" SIZE 100' No. Ft. 2-18-58 Date  
13" jelled 545'. 10" jelled 660'. 8" cemented  
4 1/2"; jelled 802'. Float collar set at 4828'.  
COAL WAS ENCOUNTERED AT 710 FEET 24 INCHES  
\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED 7-17-58 from 6298' to 6306' with 32 bbls. mud acid, 465 bbls. water and 6000 lbs. sand.

RESULT AFTER TREATMENT Final open flow after frac 60,000 cu. ft.

ROCK PRESSURE AFTER TREATMENT

Fresh Water 440 Feet Salt Water 1230' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	153			
Slate	White		153	174			
Red Rock			174	195			
Slate	White		195	241			
Red Rock			246	262			
Slate	White		262	271			
Red Rock			271	276			
Slate	White		276	282			
Red Rock			282	291			
Shells			291	307			
Red Rock			307	335			
Sand			335	351			
Slate	White		351	385			
Sand			385	457	Water	440'	
Slate			457	467			
Sand			467	526			
Slate			526	552			
Sand			552	565			
Slate			565	579			
Sand			579	587			
Slate			587	620			
Sand			620	710			
Coal			710	712			
Slate			712	716			
Sand			716	788			
Slate			788	818			
Sand			818	876			
Slate			876	940			
Sand			940	967			
Slate & Shells			967	1054			



(over)

Formation	Color	Hard or Soft	Top #	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1054	1123			
Slate & Shells			1123	1183			
Sand			1183	1387	Water	1230'	hole full
Slate & Shells			1387	1455			
Lime		Gritty	1455	1486			
Slate			1486	1494			
Sand			1494	1506			
Slate			1506	1532			
Lime			1532	1537			
Sand			1537	1610			
Lime			1610	1620			
Slate			1620	1624			
Lime			1624	1807			
Slate			1807	1810			
Sand			1810	1858	Oil	1811-1816'	
Slate & Shells			1858	2189			
Shale		2274	2189	2224			
Slate & Shells		1486	2224	2274			
Sand			2274	2291			
Slate & Shells			2291	2677			
Lime			2677	2721			
Slate & Shells			2721	2878			
Lime			2878	3034			
Slate & Shells			3034	3497			
Lime			3497	3519			
Shale	Brown		3519	4073			
Lime			4073	4091			
Slate & Shells			4091	4398	4754	4853	4893
Lime			4398	4407	817	817	817
Shale			4407	4418			
Lime			4418	4448			
Shale & Shells			4448	4592	3937	4036	4076
Lime			4592	4621			
Shale & Shells			4621	4683			
Lime			4683	4700			
Slate & Shells			4700	4740			
Black Shale			4740	4754			
Corniferous Lime	Onondaga line		4754	4853			
Oriskany Sand			4853	4874			
Lime			4874	4878			
Sand			4878	4893			
Lime			4893	4907			
Lime		Sandy	4907	5113	Gas	5072-5087'	show (sour)
Shale			5113	5126			
Lime			5126	5147			
Shale & Shells			5147	5192			
Lime			5192	5581			
Sand			5581	5603	5581	5581	
Lime			5603	5807	4853	817	
Sand			5807	5835			
Lime		Gritty	5835	5875	728	764	
Slate & Shells			5875	5974			
Red Rock			5974	6002			
Slate & Shells			6002	6104			
Red Rock			6104	6121			
Slate & Shells			6121	6141			
Red Rock			6141	6174			
Lime			6174	6194			
Slate & Shells			6194	6265			
Sand			6265	6345	Gas	6298-6318'	70/10 W 2" 353MCF
Shale & Shells			6345	6379			Fractured
Lime		Gritty	6379	6387			
Shale			6387	6398			
Sand white Medina			6398	6406	Gas	6333-6412'	6/10 W 2" 103M
Red Rock			6406	6412			
TOTAL DEPTH				6412'		Not	Fractured

Date September 9, 19 58

APPROVED UNITED PRODUCING COMPANY, INC., Owner

By [Signature]  
Eastern (Title) Area Manager