

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

MAR 26 1956

Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm HORSE CREEK LAND & MINING CO.  
 Tract \_\_\_\_\_ Acres 11,324 Lease No. 4976  
 Well (Farm) No. \_\_\_\_\_ Serial No. 2514  
 Elevation (Spirit Level) 1065.0 BAR.  
 Quadrangle MADISON  
 County LINCOLN District JEFFERSON  
 Engineer Seybert R. Ferrell  
 Engineer's Registration No. 2529  
 File No. 42-45 Drawing No. \_\_\_\_\_  
 Date 3-1-56 Scale 1" = 660'

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

WELL LOCATION MAP  
 FILE NO. LIN-1224-A

+ 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.

HORSE CREEK L. & M. Co. No. 251A - U. F. G. Co. - LIN-1224-A



1496

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Madison

WELL RECORD

Permit No. 1224-A Oil or Gas Well Gas  
(KIND)

Company UNITED FUEL GAS COMPANY  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm Horse Ck. Land & Mining Co. Acres 2514  
Location (waters) Flat Creek  
Well No. 2514 Elev. 1065'  
District Jefferson County Lincoln  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Horse Creek Land & Mining Co.  
1510 Kanawha Valley Bldg. Charleston, W. Va.

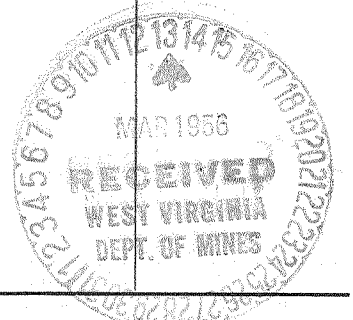
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Anchor Parmaco</u>
13			Size of
10		<u>454' 5"</u>	<u>3x5-3/16x16</u>
8 1/4		<u>1781' 3"</u>	Depth set
6 5/8			<u>2370'</u>
5 3/16		<u>2495'</u>	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Drilling commenced 12-15-28  
Drilling completed 2-21-29  
Date Shot 2-24-29 From 2418 To 2428  
With 30 qts.  
Open Flow 18 /10ths Water in 2 Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 200,000 Cu. Ft.  
Rock Pressure 365 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 289' feet 775' feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 289 FEET 48 INCHES  
335 FEET 72 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	15			
Slate			15	25			
Sand			25	40			
Slate			40	100			
Sand			100	120			
Slate			120	150			
Sand			150	208			
Slate			208	235			
Sand			235	289			
Coal			289	293			
Slate			293	300			
Lime Shell			300	306			
Slate			306	315			Water 289', 775'
Sand			315	335			Gas 2416-2417'
Coal			335	341			Gas 2417-2419'
Slate			341	365			Gas 2419-2422'
Sand			365	436			
Slate			436	440			
Sand			440	510			
Slate			510	530			Hole reduced at 1871'
Sand			530	650			
Slate			650	685			
Sand			685	715			
Slate			715	740			
Sand			740	766			
Slate			766	770			Gas pay 2417'
Sand			770	810			
Slate			810	830			
Sand			830	876			
Slate			876	878			
Broken Lime			878	920			
Salt Sand			920	1300			
Slate & Shells			1300	1470			
Salt Sand			1470	1600			
Broken Lime			1600	1613			
Red Rock			1613	1626			

JUNE 21 1958



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			1626	1685			
Little Lime			1685	1715			
Pencil Cave			1715	1721			
Big Lime			1721	1930			
Big Injun			1930	1975			
Slate & Shells			1975	2050			
Shells			2050	2140			
Slate & Shells			2140	2264			
Shells			2264	2274			
Slate & Shells			2274-	2396			
Brown Shale			2396	2414			
Berea Sand			2414	2445			
Total depth			2465'				

Date March 12, 19 56

APPROVED UNITED FUEL GAS COMPANY, Owner

By *S. R. Ferrell*  
(Title)

Mgr. Civil Engineering Department