

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

Columbia Natural Resources, Corp.  
 P.O. Box 6070  
 Charleston, wVa. 25362-0070  
 Surface: Columbia Natural Resources

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL & GAS  
 NITRO, WEST VIRGINIA 25143

Tract \_\_\_\_\_ Acres 897.25 Lease No. Fee  
 Well (Farm) No. \_\_\_\_\_ Serial No. 6764  
 Elevation (Spirit Level) 1232.15  
 Quadrangle (M. DKIFF) BIG CREEK 7 1/2'  
 County LINCOLN District HARTS CK.  
 Engineer JM Moore  
 Engineer's Registration No. 662  
 File No. 36-37 Drawing No. \_\_\_\_\_  
 Date 7-2-51 Scale 1" = 400'

**WELL LOCATION MAP**

FILE NO. 47-043-01002-P

+ 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.

*2.75'S  
0.56W*

M

Latitude 30° 05'

Longitude 82° 05'

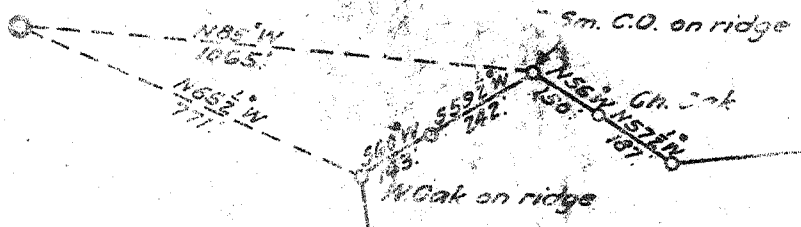
UNITED FUEL GAS CO.

~~2.82 S~~  
~~0.62 W~~

S 2.82  
W 0.62

Pigeon Post Creek +

6764



UNITED FUEL GAS CO.

Flat rock in gap  
Marked X.

C.O. on ridge

New Location   
 Drill Deeper   
 Abandonment

Company UNITED FUEL GAS CO.  
 Address CHARLESTON W. VA.  
 Farm UNITED FUEL GAS CO., Fec T. #2  
 Tract Acres 3971.15 Lease No. Fec  
 Well (Farm) No. 6764 Serial No. 6764  
 Elevation (Spirit Level) 1252.15  
 Quadrangle MIDKIFF S  
 County LINCOLN District HARTS CK.  
 Engineer [Signature]  
 Engineer's Registration No. 662  
 File No. 36-37 Drawing No. 662  
 Date 7-2-51 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. LIN-1002

+ 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.

6-6 295

No Samples

Doep Well

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. LIN-1002  
Midkiff Quad.

Gas

Company	United Fuel Gas Co.	CASING & TUBING	
Address	Box 1273, Charleston 25, W. Va.		
Farm	U.F.G.Co.FeeTr.#4 Acres 8971.75	10	12
Location	Sand Creek	8 5/8	670' 10"
Well No.	6764 Elev. 1232.15	7"	1891'
District	Harts Creek County - Lincoln		
Mineral	United Fuel Gas Co.		
Commenced	8/20/51		
Completed	11/22/51		
Date Shot	11/26/51 from 2924 to 4359		
With 10,000 #	Gelatin		
Open Flow	7/10 W 2" Volume 112 M		
Pressure	315 Lbs. 48 hours.		

Surface	0	5	Red Rock <i>Waxen</i>	2040	2090
Sand	5	118	Injun Sand	2090	2110
Coal	118	125	Slate	2110	2130
Sand	125	165	Shale	2130	2145
Slate	165	220	Slate & Shells	2145	2225
Sand	220	260	Shale	2225	2280
Slate	260	295	Slate & Shells	2280	2585
Sand	295	395	Brown Shale <i>Coffee</i>	2585	2609
Slate	395	410	Berea Sand	2609	2630
Sand	410	600	Slate	2630	2640
Slate	600	650	Shale	2640	2650
Sand	650	710	Slate	2650	2700
Slate	710	800	Shale	2700	2715
Sand	800	845	Slate & Shells	2715	2800
Slate	845	900	Shale	2800	2845
Sand	900	1000	Slate & Shells	2845	3600
Slate	1000	1020	Brown Shale	3600	3910
Sand	1020	1090	Slate	3910	4276
Broken Formation	1090	1160	Brown Shale	4276	4357
Salt Sand	1160	1410	Black Lime <i>C. lime</i>	4357	4359
Slate	1410	1480	TOTAL DEPTH	4359'	
Sand	1480	1500			
Slate	1500	1570	Water	200	2 BPH
Sand	1570	1700	Settling Sand	1250	
Slate	1700	1725	Show Gas	1954, 1964	
Red Rock	1725	1730	Gas 2030' 5/10 W 1" 24 M	Blew Out	
Slate	1730	1745	Show Gas in Berea, not enough to		
Red Rock	1745	1755	gauge.		
Slate	1755	1785	Show Gas 2400', not enough to gauge		
Red Rock	1785	1794	Gas 3600' 2/10 W 1" 15 M		
Slate	1794	1810	Gas 3700' 6/10 W 1" 26 M		
Sand	1810	1830	Gas 4300' 8/10 W 1" 30 M		
Slate	1830	1835			
Lime <i>Little</i>	1835	1869	Test before shot 4/10 W 1" 21 M		
Pencil Cave	1869	1874	Shot 11/26/51 with 10,000 # Gel.		
Big Lime	1874	2040	from 2924-4359'		
			Test 15 hrs. after shot 7/10 W 2"		
			112 M.		

FINAL OPEN FLOW - 112 M - Brown Shale 48 Hr. R.P. 315#

Shut in 11/27/51 in 7" Casing.

4357  
1232  
-3125

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATED, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: COLUMBIA NATURAL RESOURCE Operator Well No.:6764

LOCATION: Elevation: 1,232.15 Quadrangle: BIG CREEK  
District: HARTS CREEK County: LINCOLN  
Latitude: 14375 Feet South of 38 Deg. 5 Min. 0 Sec.  
Longitude 3050 Feet West of 82 Deg. 5 Min. 0 Sec.

JUN 10 1997  
Permitting  
Office of Oil & Gas

Well Type: OIL \_\_\_\_\_ GAS xx

Company: Columbia Natural Resources  
PO Box 6070  
Charleston WV 25362

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Agent: Joseph Campbell

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued: 12/12/95

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Lincoln

ss:

Paul Stevens and Kevin Porter being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Dave Belcher Oil and Gas Inspector representing the Director, say that said work was commenced on the 1st day of May, 1997, and that the well was plugged and filled in the following manner:

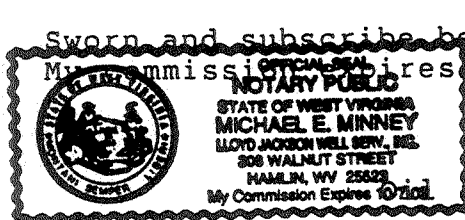
TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel Hole	surface	2368'		
Pull 2-3/8"		2368'	2368'	0'
Cement	2368'	2268'		
Cement	1950'	1850'		
Pull 7"		1104'	1104'	805.8'
Cement	1300'	1030'		
Perforate 7"	1300'	1295'		
Cement	750'	650'		
Pull 8-5/8"		383'	383'	287'

6/12/97  
erect monument with API No. 47-43-1002

Description of monument: \_\_\_\_\_ and that the work of plugging and filling said well was completed on the 12th day of May, 1997.

And further deponents saith not.

Paul Stevens  
Kevin Porter  
Notary Public  
Dave Belcher  
Oil and Gas Inspector



Sworn and subscribe before me this 12<sup>th</sup> day of May, 1997  
My Commission Expires 10-2-2002