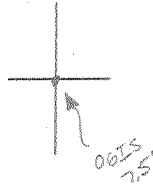


LATITUDE

(15) 38° 20'
(7.5) 38° 17' 30"

(15) 7.5) 81° 30'

LONGITUDE



7.5 OGIS topo location

7.5' 10C	<u>1.48E</u>	15' 10C	<u>4.36E</u>
	<u>1.45W</u>	(calc.)	<u>1.45W</u>

Company United Fuel Gas

Farm Georges Creek Land and Mining Co (4679)

Quad Charleston East 7.5' / Charleston 15' SE

County Kanawha

District Malden

WELL LOCATION MAP

File No. 039-270

Kanawha

DEEP WELL 6-6 Campbell's Creek - Malden (214)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

XVI

Permit No. Kan-270

Gas Well

Charleston Quad. - SE

Company - United Fuel Gas Co.
 Address - Charleston, W. Va.
 Farm - Georges Creek L. M. Co.
 Acres - 2633
 Location - Simmons Creek
 Well No. - 4679. Elev. 1120.20
 District - Maitan. County- Kanawha
 Surface & Mineral - Georges Creek Land & Mining Co.
 Drilling - Commenced- 3-29-36
 Completed- 3-24-37
 Date Shot - Not shot
 Open Flow - 2,986,000 cu. ft.
 Rock Prods. - 1035 lbs. 24 hrs.
 Oil
 Fresh Water -
 Salt Water - 997 feet

CASING & TUBING

14" O.D. 77
 12 1/2" O.D. 21
 10 1/2" 475
 8-5/8" 1536' 11"
 6-5/8" 4955' 3"

PACKER

Kind - Inverted Step
 Size - 8-5/8 x 10"
 Depth - 1537

Location: 4.3 mi S. 38° 20'
 1.45 mi W. 81° 30'

7 SE J-5-2

Formation Color ^{Hor} Top Bottom Result				Formation Color ^{Hor} Top Bottom Result			
Conductor		0	14	Brown Shale		3650	3760
Gravel & Sand		14	35	Slate & Shells		3760	3800
Slate		35	87	Brown Shale		3800	3886
Lime		37	100	Slate & Shells		3886	3894
Slate		100	130	Brown Shale		3894	3962
Black Slate		130	132	Slate & Shells		3962	4030
Lime		132	160	Lime		4030	4086
Sand		160	250	White Slate		4086	4150
Slate		250	300	Slate & Shells		4150	4355
Coal Blossom		300	301	Brown Shale		4355	4400
Lime		301	321	Slate & Shell		4400	4492
Coal Blossom		321	322	Brown Shale		4492	4520
Lime		322	400	Slate & Shell		4520	4630
Slate		400	425	Brown Shale		4630	4752
Coal		425	428	Grey Slate		4752	4795
Lime		428	460	Lime Shell		4795	4800
Slate		460	470	Black Shale		4800	4840 Gas-
Lime		470	520	Corniferous Lime		4840	4986-4996
Sand		520	563	Corniferous Lime		4892	4986
Slate		563	580	Oriskany		4986	
Lime		580	615				
Slate		615	650	Total Depth			4998
Sand		650	670			Steel Line Meas.	
Slate		670	710				
Sand		710	805				
Slate & Shells		805	840	Gas at 953-55'		4940	4986
Salt Sand		840	1165	Water 997' hole full		1128	1128
Slate		1165	1168			3712	3858
Lime		1168	1185				
Salt Sand		1185	1272				
Red Rock		1272	1274				
Lime		1274	1323			1660	1660
Waxen Sand		1323	1410			1461	1428
Little Lime		1410	1442			199	-532
Slate		1442	1443				
Lime		1443	1458				
Pencil Cave		1458	1461				
Big Lime		1461	1487				
Big Lime		1487	1660				
Injun Sand		1660	1712	Gas 1662-67'			
Slate & Shell		1712	2092				
Brown Shale		2092	2100				
Berea		2100	2110				
Slate & Shells		2110	3283				
Brown Shale		3283	3315				
Slate & Shell		3315	3610				
Brown Shale		3610	3630	New Sand Line put on at 3400'			
Lime		3630	3650				

deep well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
WORKOVER - - - -
WELL RECORD

Quadrangle Charleston
Permit No. KAN-270

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P. O. Box 1273 Charleston, W. Va. 25325
Farm Georges Creek Land & Mining Co. 2663
Location (waters) Larkin Hollow of Simmons Creek
Well No. 4679 Elev. 1125
District Malden County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling ~~commenced~~ compl. Oct. 21, 1964
Drilling completed _____
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 1,052,000 in Big Injun Cu. Ft.
Rock Pressure 250 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 3/8 7"	<u>a 1770' Cemented</u>		
5 3/16	<u>with 25 cu. ft.</u>		
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Lime			1461	1660	Bridge plug set at 1770'		
Injun			1660	1712			
Berea			2100	2110	Perforated from 1686-1670' with 17		
Oriskany			4986	4998	17 holes.		
Total Depth			4998'		Fractured Injun 10-8-64 with 500 gallons regular acid, 20,000 gallons water, 50# J-100, 25 gallons F-18, and 25,000# 20-40 Sand. Test after fracture 6/10 W 7" 24# 1,037 M.		
					<u>Injun - 1,037 M</u>		
					<u>Oriskany 15 M</u>		
					<u>New Gas Produced 1,037 M</u>		

