

Latitude 38 30

Longitude 81 40

3,885
2,31W

LEO ROSEN

Stk. on Point Sm. W.O. &
C.O. Wit.
564°W 104'
Stk. 2.3m. Hy. on Point.

R.O. on high knob

ADAM BURFORD.

R.O. in fence corner.

Com.

9490

FISHER

BRANCH

BROOKS MCCABE

R.E. BURFORD

C.H. BAILEY

DEGREE OF ACCURACY
One part in 200
BENCH MARK
U.S.G.S. Bronze Tablet in
Concrete Monument Stamped
83115 at the intersection of
Rt. 35 and The Rocky Fork Road.
Elev. 644.20'

Fracture
Before 6/5/29
New Location
Drill Deeper
Redrill
Abandonment

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations. **PROVEN ELEVATION 644.20'**

Company UNITED FUEL GAS CO.
Address CHARLESTON, W.VA.
Farm BROOKS F. MCCABE, ET. AL
Tract _____ Acres 328 Lease No. 62398
Well (Farm) No. _____ Serial No. 9490
Elevation (Spirit Level) 714.39'
Quadrangle CHARLESTON N.W.
County KANAWHA District UNION
Engineer Adrian E. Hargman
Engineer's Registration No. 2330
File No. 56-65 Drawing No. _____
Date MAY 1, 1968 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. KAN-2259-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Charleston

Permit No. KAN -2259

WELL RECORD

Oil or Gas Well Dry
(KIND)

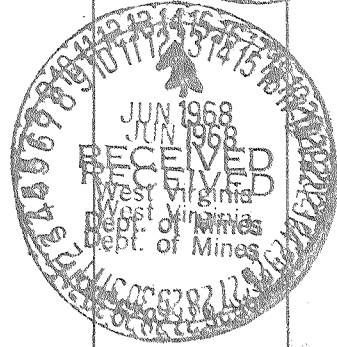
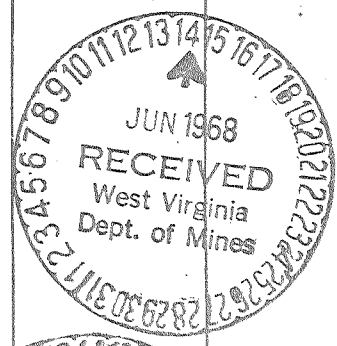
Company United Fuel Gas Company
Address Charleston, West Virginia
Farm Brooks F. McCabe, et, al, Acres 328
Location (waters) Fisher Br. of Pocatalico River
Well No. 9490 Elev. 7142.49'
District Union County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Brooks F. McCabe
Address Charleston, W. Va.
Drilling commenced May 30, 1968
Drilling completed June 7, 1968
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 (DETAILS) _____
WELL FRACTURED (DETAILS) _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8"		60'	
10 9 5/8"		250'	Size of
8 1/4			
6 3/4 7"		1783'	Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Newburg (Dry) Depth 5555'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	10			
Sand			10	75			
Sand & Shale			75	1150			
Salt Sand			1150	1540			
Big Lime			1540	1700			
Big Injun			1700	1735			
Shale			1735	2150			
Sand & Shale			2150	2230			
Shale			2230	4665			
Corniferous Lime			4665	4755			
Oriskany Sand			4755	4795			
Lime			4795	5508			
Newburg Sand			5508	5525			
Lime			5525	5555			
TOTAL DEPTH				5555			



WELL RECORD, FORM OG-10, MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines,
Charleston, W. Va.

Carl V. Bailey and Wretha Bailey
COAL OPERATOR OR COAL OWNER
Route 4, Box 63
Charleston, W. Va. 25312
ADDRESS

United Fuel Gas Company
NAME OF WELL OPERATOR
Charleston, West Virginia
COMPLETE ADDRESS

May 13, 1968

PROPOSED LOCATION

Union District

Kanawha County

Well No. 9490

Brooks F. McCabe, et al Farm
Elevation 714.39' Acres 328 Merger

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 25, 1965, made by Brooks F. McCabe, et ux, to United Fuel Gas Company, and recorded on the 14th day of September 1965, in the office of the County Clerk for said County in Book 158, page 526.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, William E. Friedman Supt.
Civil Engineering Dept.

(Sign Name) UNITED FUEL GAS COMPANY

WELL OPERATOR

P.O. Box 1273

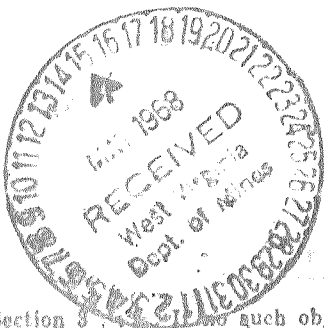
Address STREET

Well Operator Charleston

CITY OR TOWN

West Virginia 25325

STATE



*Section 3 of said Code. If such objections are filed or found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

BLANKET BOND

KAN-2259 PERMIT NUMBER

2259