



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.

None
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

UNITED FUEL GAS CO.
OWNER OF MINERAL RIGHTS

P.O. Box 1273, Charleston 25, W. Va.
ADDRESS

UNITED FUEL GAS CO.
NAME OF WELL OPERATOR

% G. H. Moore
P.O. Box 1273, Charleston 25, W. Va.
COMPLETE ADDRESS

September 30, 19 48

PROPOSED LOCATION

Grant District

Wayne County

Well No. 6419 38°10'
82°20'

UNITED FUEL GAS CO.
Mineral Tract No. 1 Farm

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~~ ^{Deed} lease dated December 26, 1946, made by HUNTINGTON DEV. & GAS CO., to UNITED FUEL GAS CO., and recorded on the 27th day of December 1946, in the office of the County Clerk for said County in Book 234, page 318.

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 same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

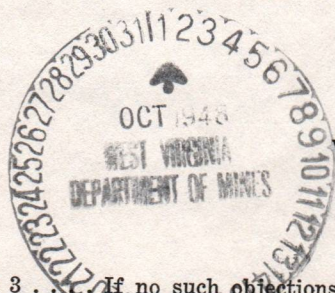
Very truly yours,

UNITED FUEL GAS CO.
WELL OPERATOR

% G. H. Moore
STREET

P. O. Box 1273, Charleston 25
CITY OR TOWN

West Virginia.
STATE



Address of Well Operator }

11/17/2023

*Section 3 . . . If no such objections be filed or be 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.

616

October 11, 1948

United Fuel Gas Company
c/o G. H. Moore
Box 1273
Charleston, West Virginia

Gentlemen:

Enclosed is permit WAY-616 to drill Well
No. 6419 on the United Fuel Gas Company Mineral
Tract No. 1, Grant District, Wayne County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CHH:K
Encl-2

CC: Inspector D. E. Lawson

11/17/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Wayne

WELL RECORD

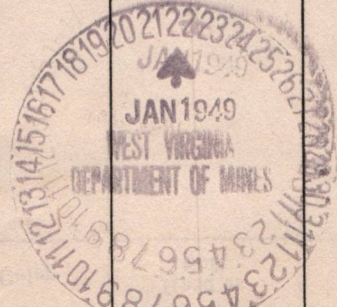
Permit No. WAY-616 Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Co.
Address P. O. Box 1273, Charleston, 25, W. Va.
Farm U.F.G. Co. Min. Tr. #1 Acres 38,448.03
Location (waters) Left Fork of 12-Pole Creek
Well No. 6419 Elev. 1019.11
District Grant County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Co.
P.O. Box 1273, Charleston 25, W.Va.
Drilling commenced 10-20-48
Drilling completed 12-21-48
Date Shot 11-24-48 From 1617 To 1654
12-22-48 From 2846 To 3171
With 450# Det. & 2200# Gel.
Open Flow 7 /10ths Water in 1" Inch
7 /10ths Merc. in 2" Inch
Volume 28 M - Shale & 412 M - Injun Cu. Ft.
Rock Pressure 380 & 340 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 148,187 feet feet
Salt water 819 feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Hookwall
13			Size of
10	18	18	3"x5-3/16"x16"
8 1/4	234	234	Depth set 1840'
6 1/2	1452	1452	
5 3/16	1707	1707	Perf. top
3 Tubing		3171	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 145 FEET 36 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	18			
Sand			18	129			
Slate			129	145			
Coal			145	148	Water	148'	1/2 B.P.H.
Slate			148	187	Water	187'	2 B.P.H.
Broken Sand			187	274			
Slate & Shells			274	395			
Broken Sand			395	433			
Slate & Shells			433	725	Sand	797'	Settling
1st Salt Sand			725	863	Water	819'	Hole filling up
Slate			863	868			
2nd Salt Sand			868	939			
Slate			939	946	Oil	978-987'	Small Show
Sand			946	995			
Slate			995	1007	Oil	1007-1014'	Small Show
Sand			1007	1077			
Slate			1077	1092			
Sand			1092	1228			
Slate			1228	1241			
Sand			1241	1397			
Little Lime			1397	1376			
Pencil Cave			1376	1419	B.Lime Gas	1550-1558'	10.10 W 1", 33 M
Big Lime			1419	1580			
Keener Sand			1580	1593			
Red Rock			1593	1605			
Slate & Shells			1605	1616			
Gray Injun			1616	1654	Injun Gas	1616-1625'	14/10 W 2" 158M
Slate & Shells			1654	1707	Injun Gas	1625-1635'	40/10 W. 2" 267M
Shells			1707	1715			
Slate & Shells			1715	1890			
Sandy Shells			1890	1898			
Slate & Shells			1898	2158			
Brown Shale			2158	2172	Berea Gas	2184-2189'	8/10 W 1" 30 M
Berea Grit			2172	2203			
Slate & Shells			2203	2242			
Brown Shale			2242	2327	Test before shot 32/10 W 2" 239 M		
White Slate			2327	2667	Shot 11-24-48 with 450# Det. 1617-1654'		
Brown Shale			2667	2783	Open flow after shot 7/10 Merc 2" 412 M		



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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
White Slate			2783	2842	Gas	3083-3093'	In Shale. 10/10 W 1" 33 M
Brown Shale			2842	3162			
White Slate			3162	3171			
Total Depth			3171'		Test before shot, not enough to test. Shot 12-22-48 with 2200# Gel. 2846-3171 Test after shot 7/10 W 1" 28 M.		
					OPEN FLOW	412 M- IN jun 48Hr.R.P.340# 28 M- Shale 48Hr.R.P.380# 440 M	
					Shut in 12-29-48 in 3" Tubing.		
		Way	616				

11/17/2023

Date January 21, 19 49

APPROVED United Fuel Gas Co., Owner

By J.H. Moore
Chief Engineer (Title) R.