

38° 25' 1" N
LATITUDE 38° 22' 30" N

7.5
0.613 map
0.795
1.21w

101.28 LONGITUDE

15 Cal 3.67
~~393~~ S, 1.21 W

Company _____

Farm _____

Quadr ^{WC} West Hanlin/m. Han
County Cabell
District McCombs

WELL LOCATION MAP

File No. Cab-27

Cab-27

McComas District, Cabell County, W. Va.

Monickel Gas Co., Charleston, W. Va. (401 Union Bldg.)

On 28 $\frac{1}{2}$ acres, on Toms Creek; surface and mineral rights owned
by J. W. Morrison, Milton, W. Va.

Drilled under permit Cab-27, issued Dec. 19, 1930.

Elevation, 715.0' B.

10" conductor, 25 $\frac{1}{2}$ '; 8" casing, 404' 3" (pulled); 6-5/8", 1854 $\frac{1}{2}$ '.

No packer. No coal encountered. Well shut in 6-5/8" casing.

Completion reported to Dept. of Mines March 23, 1931.

Well was shot at 3210 to 3489'.

Gas well.

	Top.	Bottom.
Surface	0	25
Sand	25	48
Slate	48	70
Lime	70	80
Slate	80	110
Red rock	110	130
Slate and lime	130	370
Sand, white	370	390
Slate	390	510
Lime	510	525
Slate	525	545
Sand	545	660
Slate	660	695
Sand	695	715
Slate	715	795
Lime shell	795	808
Slate lime	808	1085
Lime	1085	1115
Slate	1115	1130
Salt Sand	1130	1364
Slate	1364	1388
Lime	1388	1412
Slate	1412	1458
Lime	1458	1482
Slate	1482	1488
Little Lime	1488	1515
Big Lime	1515	1690
Slate and lime	1690	1725
Big Injun Sand	1725	1805
Slate	1805	1835
Lime, black	1835	1860
Slate shells	1860	2105
Lime	2105	2130
Slate shells	2130	2268
Shale, brown	2268	2280
Berea Sand	2280	2294
Slate	2294	2297
Lime shell	2297	2305
Slate	2305	2338
Lime shell	2338	2348
Slate	2348	2352
Lime shell	2352	2361
Slate, white	2361	2406
Lime shell	2406	2412
Slate	2412	2625
Shale, brown	2625	2701

(OVER)

2.23 N 38° 20'
3.33 E 82° 15'

J. W. MORRISON NO. M-27 WELL.(Continued).

	Top.	Bottom.
Slate shells, white	2701	2915
Shale, brown	2915	2962
Slate, white	2962	3112
Shale, brown	3112	3162
Slate, white	3162	3210
Shale, brown	3210	3489
Slate, white, to bottom	3489	3505

011-27

Lease No. 15-45

MONICEL GAS COMPANY

NAME OF COMPANY

Work Order No. 2

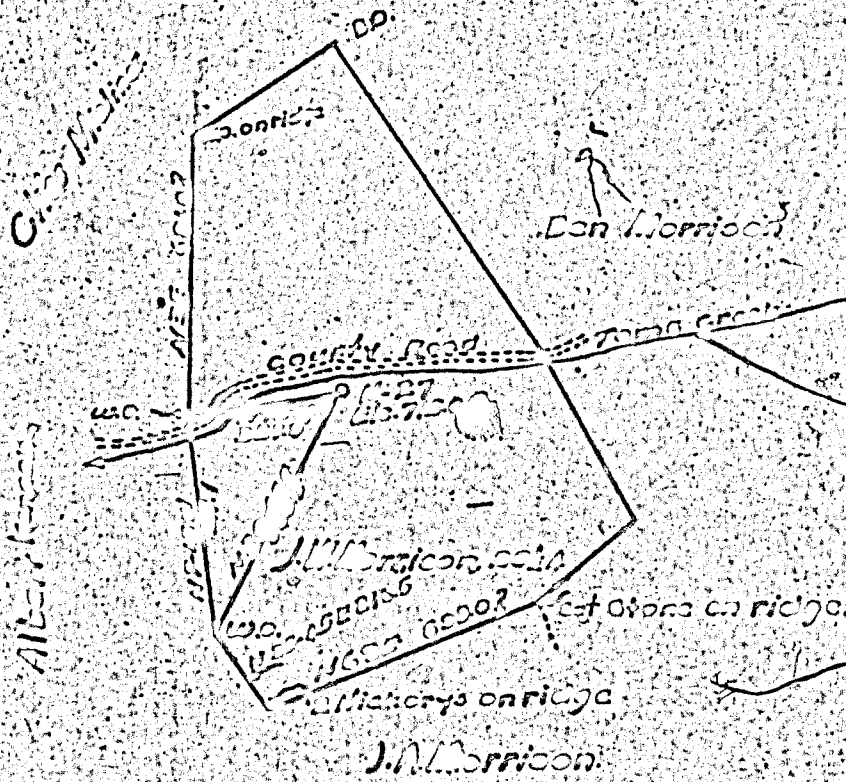
CHARLESTON, W. VA.

PLAT OF PROPOSED LOCATION OF WELL No. 15-27

being Well No. 1 on J. W. Morrison Tract of 85 acres.

Lease No. 15-45 District Cabell County.

Note: All lines with bearing and distances by survey, other lines from map.



Scale 1" = 100'

ENGINEER'S CERTIFICATE

I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

STATE OF WEST VIRGINIA,

County of Kanawha, S.S.

Burl C. C. C.
Engineer.

I, the undersigned, a Notary Public, in and for the State and County aforesaid this 18th day of December, 1930.

Margaret R. Moore
Notary Public.

Commission expires April 1st, 1935

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

No coal operations near

COAL OPERATOR

MONICKEL GAS COMPANY

NAME OF WELL OPERATOR

ADDRESS

401 Union Building

COMPLETE ADDRESS

J. W. Morrison

COAL OPERATOR

December 18th 19 30

PROPOSED LOCATION

Milton, West Virginia

ADDRESS

McComas

District

Cabell

County

COAL OPERATOR

Well No. L-27

ADDRESS

J. W. Morrison

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 lease dated February 13th, 1926, made by J. W. & Eula V. Morrison, to Monickel Gas Company, and recorded on the 26 day

of March, 1926

of Bonds

Lease

& Contract

page 179

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 (if any) above named as addressees.

The above named coal operators (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 Act, 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 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,

MONICKEL GAS COMPANY -

WELL OPERATOR

401 Union Building

STREET

Charleston, West Virginia

CITY OR TOWN

Address
of
Well Operator }

STATE

*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.

Lab 27

WEST VIRGINIA DEPARTMENT OF MINES

Cab-27

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No.

Well No. M-27

Monickel Gas Company, of Charleston,
West Virginia on the J. W. Morrison Farm
containing 28 1/2 acres. Location Toms Creek
McCormas District, in Cabell County, West Virginia.

The surface of the above tract is owned in fee by J. W. Morrison
of Milton address, and the mineral rights are owned by
J. W. Morrison of Milton, West Virginia

The oil and gas privileges are held under lease by the above named company, and this well is drilled under
permit No. Cob-27 issued by the West Virginia Department of Mines, Oil and Gas Section,
December 19, 1930

Elevation of surface at top of well, 715.0 Spirit
Barometric.

The number of feet of the different sized casings used in the well.

251 6" feet. 1 1/2" size. Woot conductor.
404 1/2 - 3" feet. 8" pulled size. 185 1/2 - 6" feet. 6-5/8 sized esg.
feet. size. esg. feet. sized esg.
feet. size. esg. feet. sized esg.

packer of none size, set at
packer of size, set at
in casing perforated at feet to feet.
in casing perforated at feet to feet.

Coal was encountered at none feet; thickness inches, and at
feet; thickness inches; and at feet; thickness inches.

Liners were used as follows: (Give details)

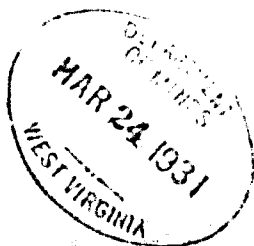
Well shut in 6-5/8 casing

March 23, 1931

Date.

Approved MONICKEL GAS COMPANY, Owner.
Engineering Dept.

By Burton Eng.
(Title)



Cab-27
Cab-27
M-27

Monickel Gas Company
401 Union Building Address
Charleston, West Virginia

COMPLETION DATA SHEET
NO. 2
FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Surface				0	25	25	25	
Sand				25	48	23	48	
Slate				48	70	22	70	
Lime				70	80	10	80	
Slate				80	110	30	110	
Rock	Red			110	130	20	130	
Slate & Lime				130	370	240	370	
Sand	White			370	390	20	390	
Slate				390	510	120	510	
Lime				510	525	15	525	
Slate				525	545	20	545	
Sand				545	660	5	660	
Slate				660	695	35	695	
Sand				695	715	10	715	
Slate				715	795	80	795	
Lime Shell				795	808	13	808	
Slate Lime				808	1085	277	1085	
Lime				1085	1115	30	1115	
Slate				1115	1130	15	1130	
Salt Sand				1130	1364	234	1364	
Slate				1364	1388	24	1388	
Lime				1388	1412	24	1412	
Slate				1412	1458	46	1458	
Lime				1458	1482	64	1482	
Slate				1482	1488	6	1488	
Little Lime				1488	1515	27	1515	
Big Lime				1515	1690	175	1690	
Slate & Lime				1690	1725	35	1725	
Injun Sand				1725	1805	80	1805	
Slate				1805	1835	30	1835	
Lime	Black			1835	1860	25	1860	
Slate Shells				1860	2105	245	2105	
Lime				2105	2130	25	2130	
Slate Shells				2130	2268	138	2268	
Shale	Brown			2268	2280	12	2280	
Berea Sand				2280	2294	14	2294	
Slate				2294	2297	3	2297	
Lime Shell				2297	2305	8	2305	
Slate				2305	2338	33	2338	
Lime Shell				2338	2348	10	2348	
Slate				2348	2352	4	2352	
Lime Shell				2352	2361	9	2361	
Slate	White			2361	2406	45	2406	
Lime Shell				2406	2412	6	2412	
Slate				2412	2625	213	2625	
Shale	Brown			2625	2701	76	2701	
Slate shells	White			2701	2915	214	2915	

Well was ~~dry~~ shot at 3210 3210 feet; well was shot at 3489 3489 feet.

Salt salt
Fresh water at feet; fresh water at feet.

producing
Well was hole.
dry

March 23, 1931 Date Approved MONICKEL GAS COMPANY Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

Cat-27
C8b-27
 M-27

MONICKEL GAS Company
 401 Union Building Address
 Charleston, W. Va.

COMPLETION DATA SHEET
 NO. 2
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Shale	Brown			2915	2962	47	2962	
Slate	White			2962	3112	150	3112	
Shale	Brown			3112	3162	50	3162	
Slate	White			3162	3210	48	3210	
Shale	Brown			3210	3489	279	3489	
Slate	White			3489	3505	16	3505	
				Total Depth			3505	

shot
 Well was not shot atfeet; well was shot atfeet.

Salt
 Fresh water atfeet; fresh water atfeet.

producing
 Well washole.
 dry

March 23, 1931 Date Approved MONICKEL GAS COMPANY Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
NITRO, WEST VIRGINIA 25143

THIS IS TO ACKNOWLEDGE THAT THE WELL: API NO.

DISTRICT:

McComas47-011-0027

WELL NO.:

M-27

FARM NAME

Morrison, J.W.IS HEREBY TRANSFERRED FROM: 37150 Mountaineer Gas Co

THE TRANSFEROR

COMPANY:

Hallwood Petroleum, Inc.

CODE #

20145

ADDRESS:

1207 Quarrier St, Charleston, WV 25301

TO:

THE TRANSFEREE

COMPANY:

Mountaineer Gas Services, Inc.

CODE #

33845

ADDRESS:

P.O. Box 1869, Charleston, WV 25327

THE TRANSFEREE BY THIS DOCUMENT IS ACCEPTING ALL RESPONSIBILITY FOR COMPLIANCE WITH THE PROVISIONS OF CHAPTER 22B et seq. OF THE WEST VIRGINIA CODE OF 1931, AS AMENDED AND ALL RULES AND REGULATIONS PROMULGATED THEREUNDER, FOR THE LISTED WELL.

THE TRANSFEREE HAS REGISTERED AND DESIGNATED AN AGENT ON FORM OP-1, WHO IS DESIGNATED AGENT (NAME) Jeff Brown

ADDRESS: P.O. Box 1869, Charleston, WV 25327

WHICH IS ON FILE WITH THE OFFICE OF OIL & GAS.

THE TRANSFEREE HAS BONDED THE SAID WELL BY (CHECK ONE):

SECURITIES ☐CASH ☐SURETY BOND ☒LETTER OF CREDIT ☐

IDENTIFIED BY:

AMOUNT: \$50,000.00

EFFECTIVE DATE:

1-21-

ISSUING AUTHORITY:

Reliance Insurance Co. ID. NO. B-173219

TAKEN, SUBSCRIBED AND SWORN BEFORE ME THIS 12th DAY OF February 1993.

NOTARY PUBLIC

MY COMMISSION EXPIRES

TRANSFEEE: Mountaineer Gas Services, Inc.
BY: Jeff Brown
ITS: General Manager

TRANSFEROR:

BY:

ITS:

Hallwood Petroleum, Inc.District Manager

TAKEN, SUBSCRIBED AND SWORN BEFORE ME THIS 10th DAY OF March 1993.

NOTARY PUBLIC

MY COMMISSION EXPIRES



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
SHARON ALLISON
QUINOCO PETROLEUM, INC.
P. O. Box 1433, Charleston, WV 25325
My Commission Expires May 15, 2000

