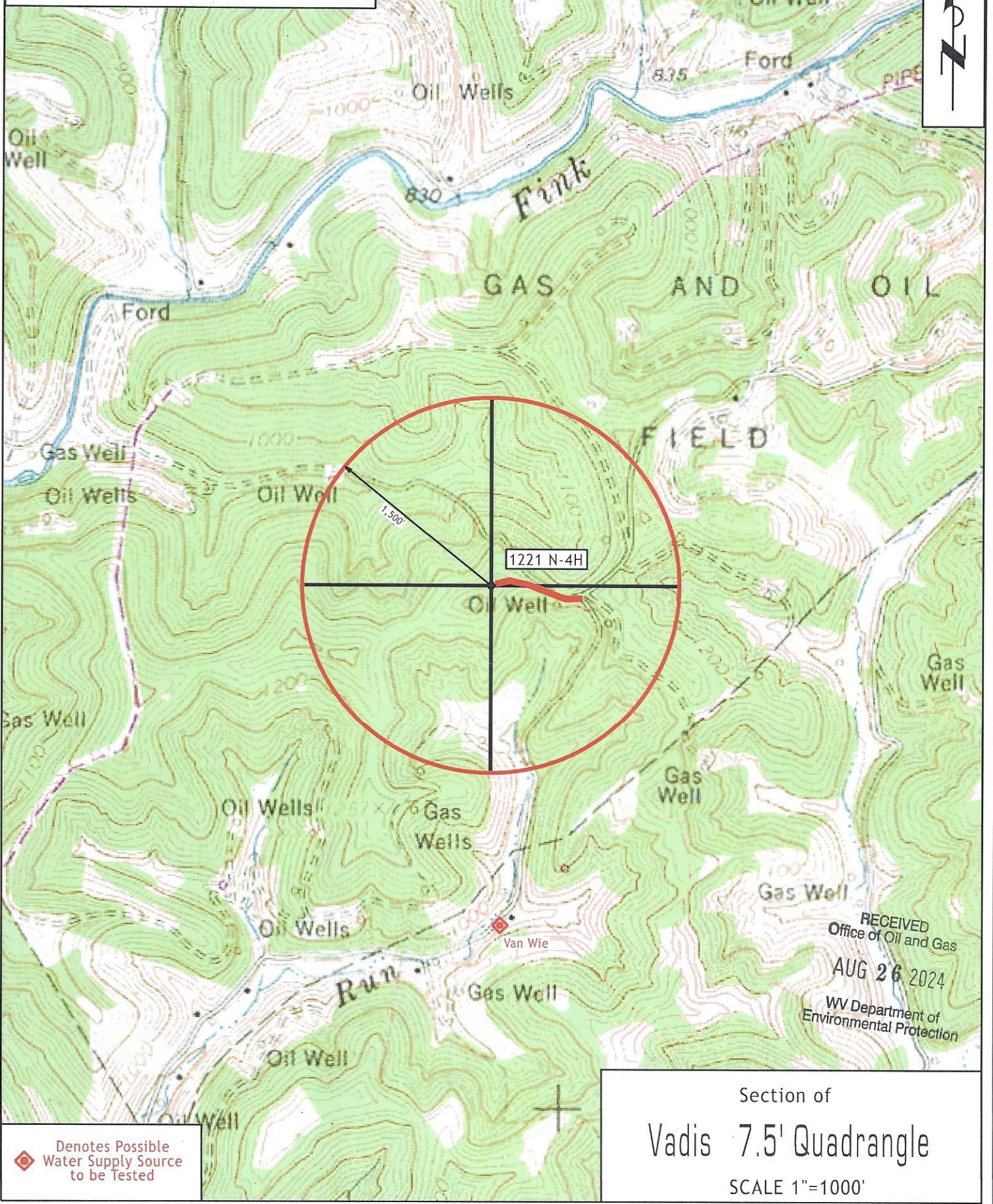


SUBJECT WELL
Van Wie 1221 N-4H



RECEIVED
Office of Oil and Gas
AUG 26 2024
WV Department of
Environmental Protection

Denotes Possible
Water Supply Source
to be Tested

Section of
Vadis 7.5' Quadrangle
SCALE 1"=1000'

HG Energy II Appalachia, LLC
Well No. Van Wie 1221 N-4H



Page 1 of 2

Page 2 Match Line

5,611' to Bottom Hole

531' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

TOP HOLE LONGITUDE 80 - 40 - 00
BTM HOLE LONGITUDE 80 - 40 - 00

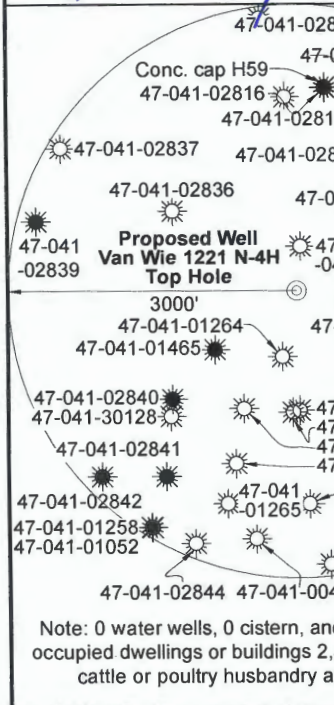
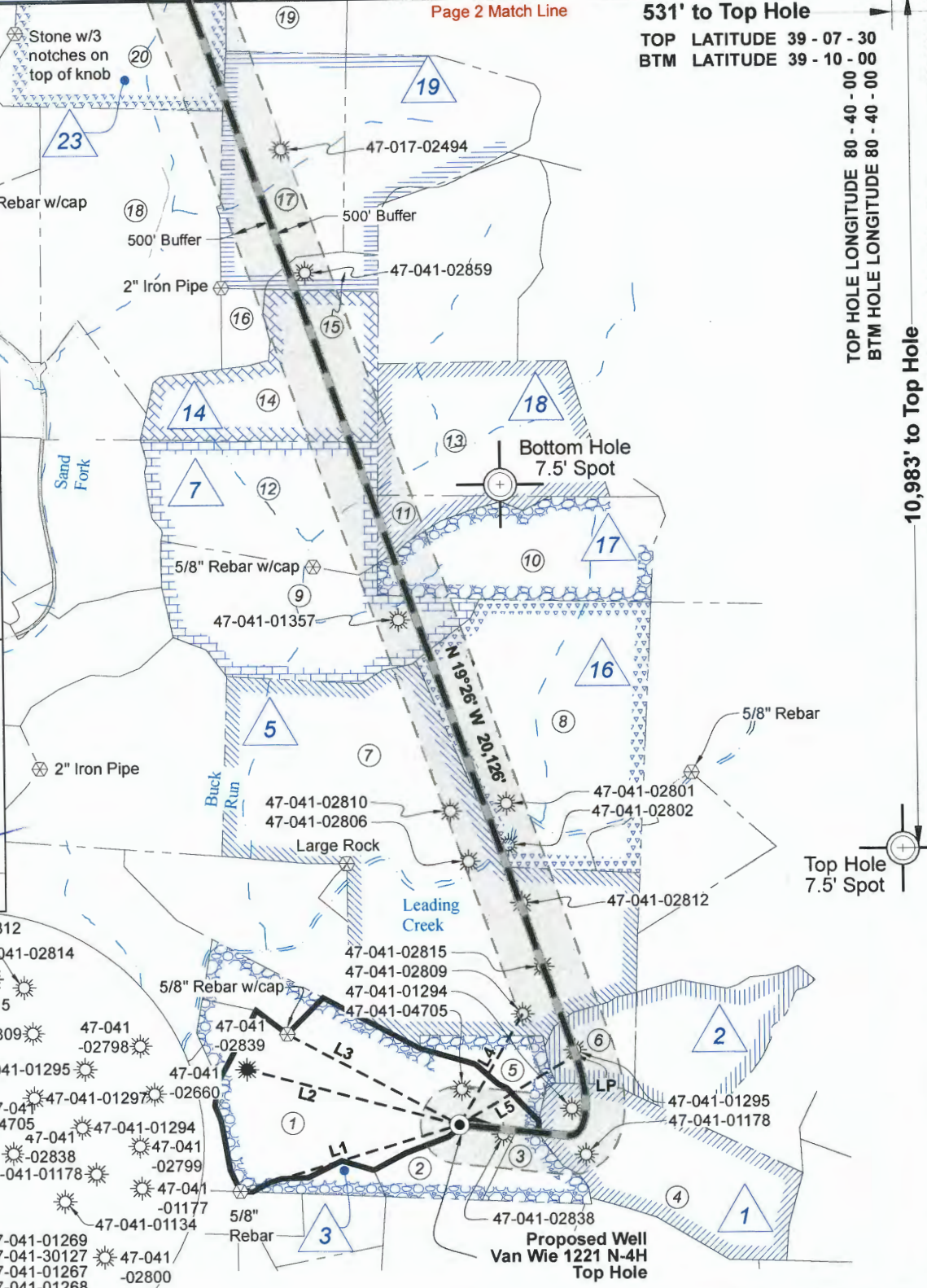
10,983' to Top Hole

6,257' to Bottom Hole



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070



Tag	Bearing	Dist.	Description
L1	N 73°19' E	2,934.0'	5/8" Iron rebar
L2	S 75°03' E	2,804.6'	47-041-02839
L3	S 61°46' E	2,483.8'	5/8" Iron rebar
L4	S 29°55' W	1,645.9'	47-041-02809
L5	N 59°09' E	1,738.2'	Landing Point

Note: 0 water wells, 0 cistern, and 0 pond were found within 1500' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

FILE NO: 170-12-30-FC-22
DRAWING NO: Van Wie 1221 N-4H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

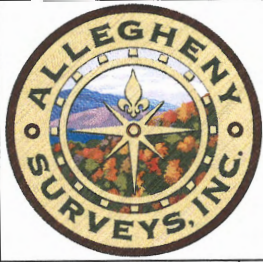
DATE: August 27 20 24
OPERATOR'S WELL NO. Van Wie 1221 N-4H
API WELL NO
47 - 041 - 05763
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,251.77' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Freemans Creek COUNTY: Lewis
SURFACE OWNER: HG Energy II Appalachia, LLC, et al ACREAGE: 131.85
ROYALTY OWNER: Joseph Krenn, et al LEASE NO: ACREAGE: 245
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,035' TVD 28,038' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

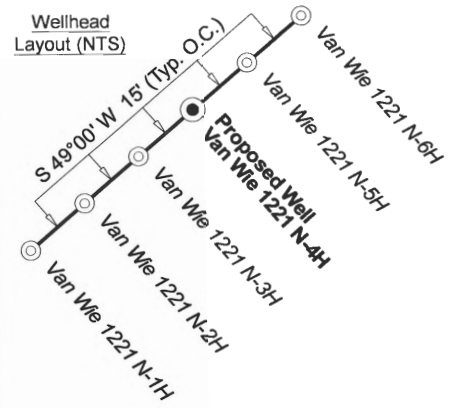
10/04/2024



Legend

- Proposed gas well
- ⊙ Well Reference, as noted
- ⊗ Monument, as noted
- ☀ Existing Well, as noted
- ☀ Existing Plugged Well, as noted
- ☀ Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)

Wellhead Layout (NTS)

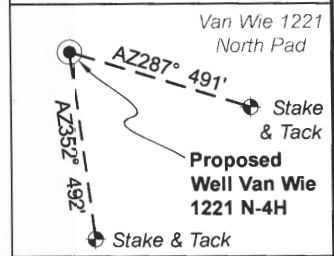


3/4" Rebar @ fence corner

Van Wie 1221 N-4H Bottom Hole

5/8" Rebar

Well Location References Not to Scale



ID	Lease
1	J.C. Starcher & A.C. Starcher
2	HG Energy II Appalachia, LLC
3	Joseph Krenn, et ux
5	John Tierney
7	William E. Ruppert, et al
14	HG Energy II Appalachia, LLC
16	William Walsh
17	Frank J. Maxwell, et ux, et al
18	Lorena M. Fahey, et vir, et al
19	C.E. Lawhead, et ux, et al
23	HG Energy II Appalachia, LLC
24	Stella Severin, et al
32	George J. Determan, et ux

Page 1 Match Line

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	2D / 3	HG Energy II Appalachia, LLC	800 / 637	131.85
2	2D / 29	Anthony S. & Dawn H. VanWie	732 / 622	26.63
3	2D / 30	Anthony S. & Dawn H. VanWie	732 / 622	19.00
4	2D / 37	Jacob R. Straley Heirs	728 / 53	97.00
5	2D / 3.1	HG Energy II Appalachia, LLC	800 / 637	20.00
6	2D / 38	William J. & Ann McCutchan	793 / 173	26.96
7	2C / 7	James R. & Shelia A. Gum, II	721 / 350	350.78
8	2C / 12	Frances McCutchan, et al	726 / 561	159.75
9	2C / 4	Susanne Seccurro	725 / 199	111.75
10	2C / 13	Jenny E. Dropplemann, et al	740 / 25	97.00
11	2C / 14	Jenny E. Dropplemann, et al	740 / 25	16.00
12	2C / 3	Stephen Ruppert	666 / 428	102.46
13	2C / 15	Dorothy K. Downey & Frank A. Altomare, Jr.	342 / 679	107.25
14	2C / 2	Clarence D. Brown	W4 / 572	96.50
15	2C / 1	Clarence D. Brown	589 / 428	14.60
Doddridge Co. (Cove Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
16	10 / 13	Clarence D. Brown	W20 / 306	12.50
17	10 / 15.1	Scott Flanagan, et al	239 / 591	101.56
18	10 / 14	Clarence D. Brown	W20 / 306	180.00
19	6 / 11.1	Florence A. Adams	W103 / 448	102.00
20	6 / 11	Joseph D. & Darlene K. Church	244 / 451	107.60
21	6 / 10.6	Lewie K. Andrews	386 / 485	17.65
22	6 / 10.1	Paul F. & Elizabeth E. Jerrett	276 / 676	52.83
23	6 / 10.5	Charles R. & Lori L. Tucker	390 / 601	26.77
24	6 / 10	Robert Johnson & Ricky Jenkins	505 / 637	8.68
25	6 / 10.3	Brandon W. Gilbert	211 / 126	104.90
26	6 / 10.2	Robert Johnson & Ricky Jenkins	505 / 637	51.84
27	6 / 5.2	Mary Byrne	247 / 613	108.75
28	3 / 1	Mary A. Ruddy & Teigh Byrne	218 / 120	52.25
29	6 / 4	Mary A. Ruddy & Teigh Byrne	226 / 360	140.00
30	6 / 10.4	Duane A. Adams, et al	232 / 377	4.69

Notes: Well No. Van Wie 1221 N-4H
WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°05'41.40"
Lon: 80°40'06.74"
Landing Point Coordinates
Lat: 39°05'50.16"
Lon: 80°39'47.76"
Bottom Hole Coordinates
Lat: 39°08'58.14"
Lon: 80°41'11.24"

UTM Zone 17, NAD 1983
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Notes: Well No. Van Wie 1221 N-4H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,197,356.34'
E: 1,734,507.54'
Landing Point Coordinates
N: 14,198,247.62'
E: 1,735,999.88'
Bottom Hole Coordinates
N: 14,217,234.32'
E: 1,729,354.73'

Notes: Well No. Van Wie 1221 N-4H
UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,327,362.867m
E: 528,678.956m
Landing Point Coordinates
N: 4,327,634.530m
E: 529,133.822m
Bottom Hole Coordinates
N: 4,333,421.688m
E: 527,108.376m

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10/04/2024