

Longitude = 81°17' 13.28"

10,560'

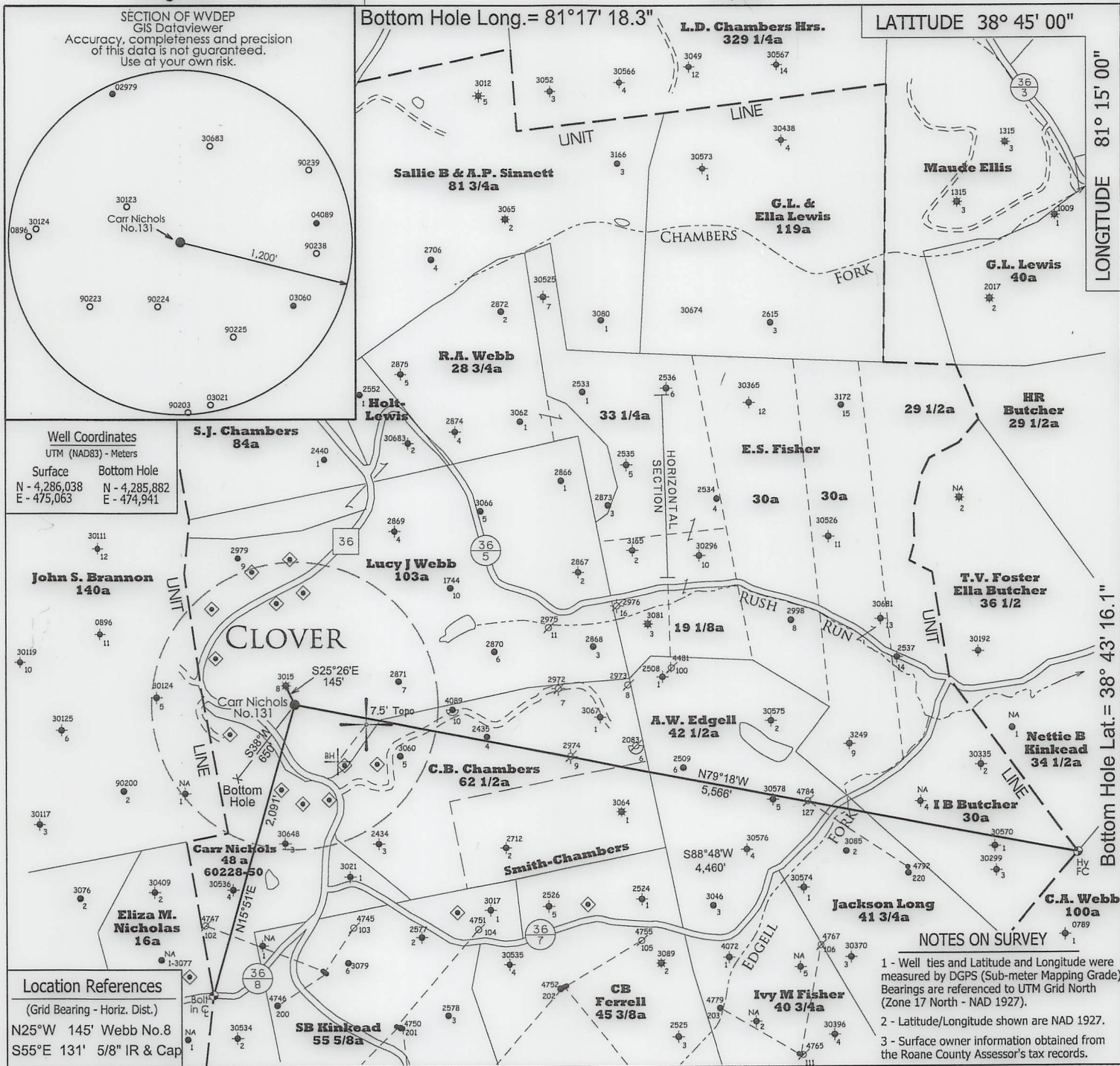
LATITUDE 38° 45' 00"

LONGITUDE 81° 15' 00"

9,995'

Bottom Hole Lat. = 38° 43' 16.1"

Latitude = 38° 43' 21.19"



Well Coordinates  
UTM (NAD83) - Meters

Surface	Bottom Hole
N - 4,286,038	N - 4,285,882
E - 475,063	E - 474,941

Location References  
(Grid Bearing - Horiz. Dist.)

N25°W 145' Webb No.8
S55°E 131' 5/8" IR & Cap

- NOTES ON SURVEY
- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade) Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).
  - 2 - Latitude/Longitude shown are NAD 1927.
  - 3 - Surface owner information obtained from the Roane County Assessor's tax records.

- ◆ - DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM NAIP 2016 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.
- ⊕ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

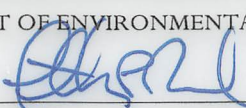
FILE NO. 1486

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY Sub-Meter

PROVEN SOURCE OF ELEVATION DGPS Survey  
(Sub-Meter Mapping Grade)

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) 

TIMOTHY P. ROUSH PS 793



WEST VIRGINIA  
Division of Environmental Protection  
Office of Oil and Gas  
601 57th Street  
Charleston, West Virginia 25301



DATE May 1, 2019

FARM Carr Nichols No.131

API WELL NO. 47 - 087 - 04793S

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

LOCATION: ELEVATION 1,087' WATERSHED Rush Run  
DISTRICT Smithfield COUNTY Roane  
QUADRANGLE Looneyville 7.5'

SURFACE OWNER William B. Nichols ACREAGE 1.46 Ac.  
OIL & GAS ROYALTY OWNER HG Energy, LLC., et al LEASE ACREAGE 48 Ac.  
LEASE NO. 60228-50

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Well will be directionally drilled as shown.

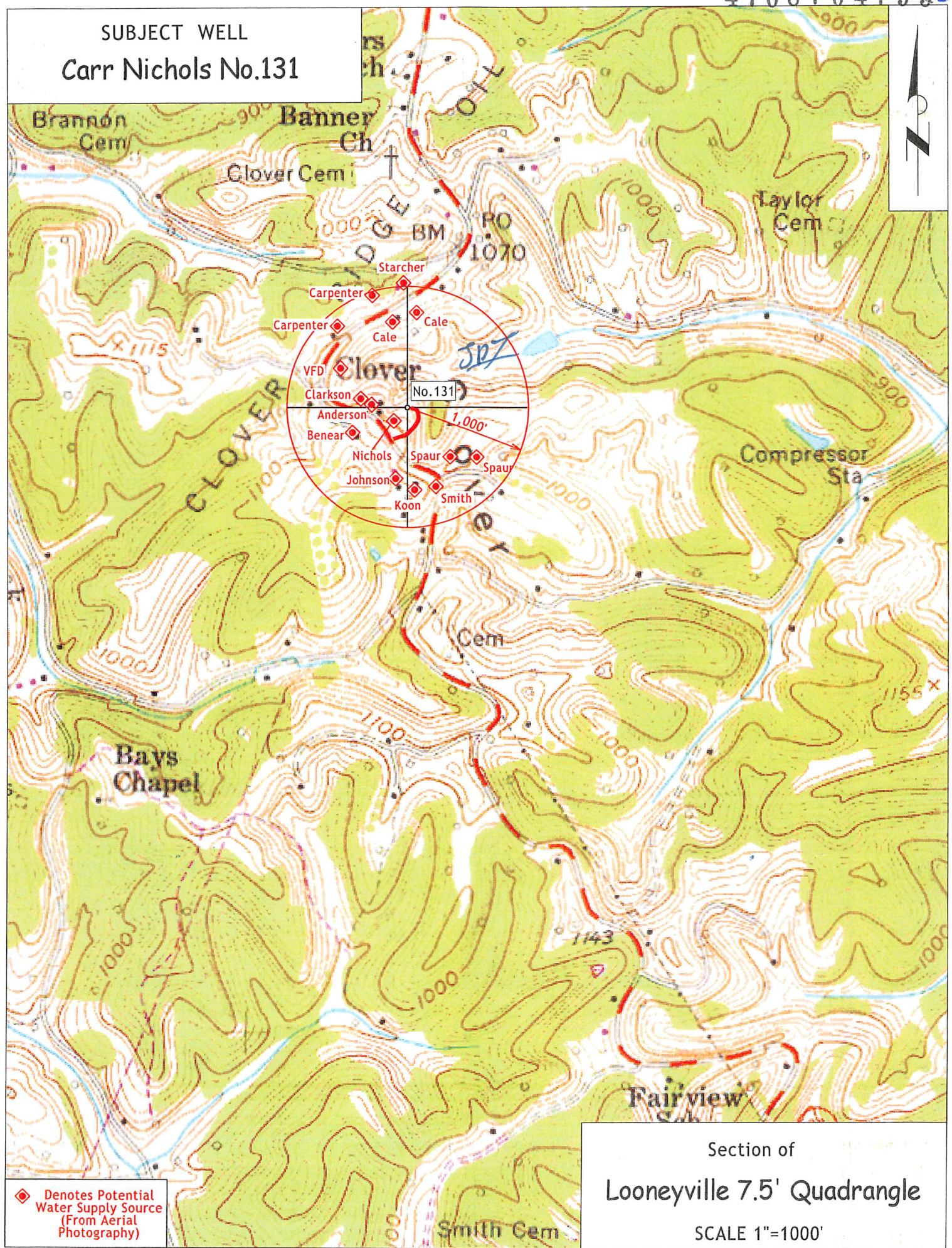
PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION Big Injun ESTIMATED DEPTH 2,490' TMD

WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White  
ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

FORM IV-6



SUBJECT WELL  
Carr Nichols No.131



◆ Denotes Potential Water Supply Source (From Aerial Photography)

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