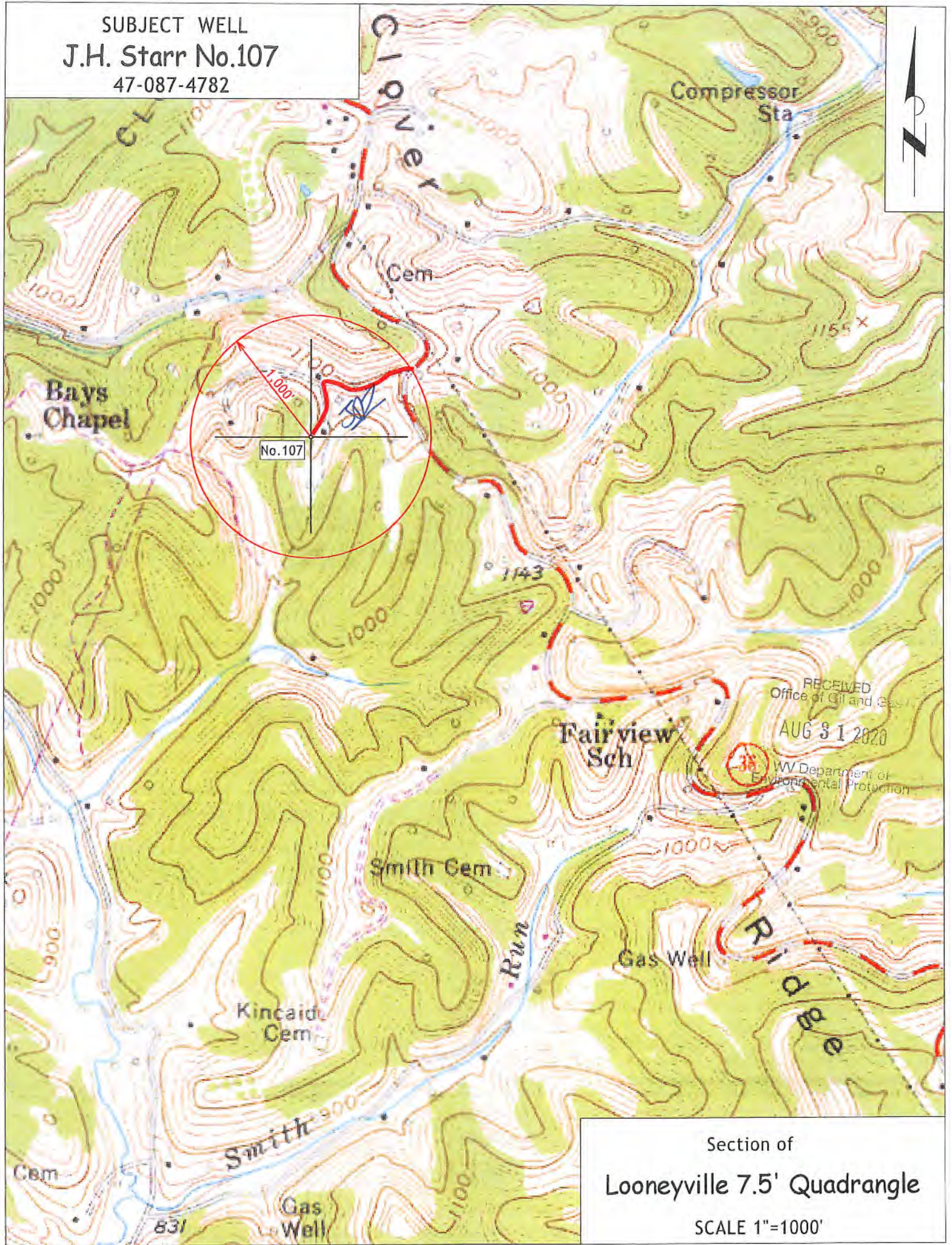


SUBJECT WELL
J.H. Starr No.107
47-087-4782



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AUG 31 2020
WV Department of
Environmental Protection

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

Reclamation Plan For:

J.H. Starr No. 107
47-087-04782

Carr Nichols Lease
James Shamblin
- Surface

S.B. Kinkead Lease
James Shamblin
- Surface

Lease Road to
J.H. Starr No. 5
(47-087-3028)

Upgrade ~1,200' of existing driveway.
Install new drainage and stone as needed.
Leave road in equal or better condition
at the conclusion of drilling operations.

Existing Commercial
Road Approach

Shamblin
Dwelling

36

Maintain Existing
Access Road

Shamblin
Dwelling

EXISTING LOCATION:

J.H. Starr No. 107 (47-087-4782)
J.H. Starr No. 112 (47-087-4781)
P.A. Bays No. 204 (47-087-4783)

J.H. Starr Lease
James Shamblin
- Surface

Existing Vegetative
Filter Strip

4782
112
204

Fisher
Dwelling

Existing Farm Road

Maintain Existing
Access Road

Freddie Fisher
- Surface

Barn

P.A. Bays Lease
Caroline Miller
- Surface

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Existing Vegetative
Filter Strip

208
113
117
118

EXISTING LOCATION:

P.A. Bays No. 208 (47-087-4778)
P.A. Bays No. 113 (47-087-4756)
J.H. Starr No. 117 (47-043-4762)
E. Smith No. 118 (47-087-4762)

NOTE
REFER TO THE WVDEP
EROSION AND SEDIMENT CONTROL
FIELD MANUAL, VER. MAY 2012 FOR
BMPs CONTROLLING EROSION AND
SEDIMENT FROM SOIL-DISTURBING
OPERATIONS.

Notes:

- REQUESTED PERMIT IS FOR RECOMPLETION OF AN EXISTING WELL.
- ACCESS ROADS ARE EXISTING AND WILL BE MAINTAINED TO WVDEP STANDARDS.
- NO EARTHWORK IS ANTICIPATED FOR REQUESTED WELL WORK
- NO PIT WILL BE REQUIRED FOR REQUESTED WELL WORK.
- ANY DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW-9.
- MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES.
- DRAWING NOT TO SCALE.

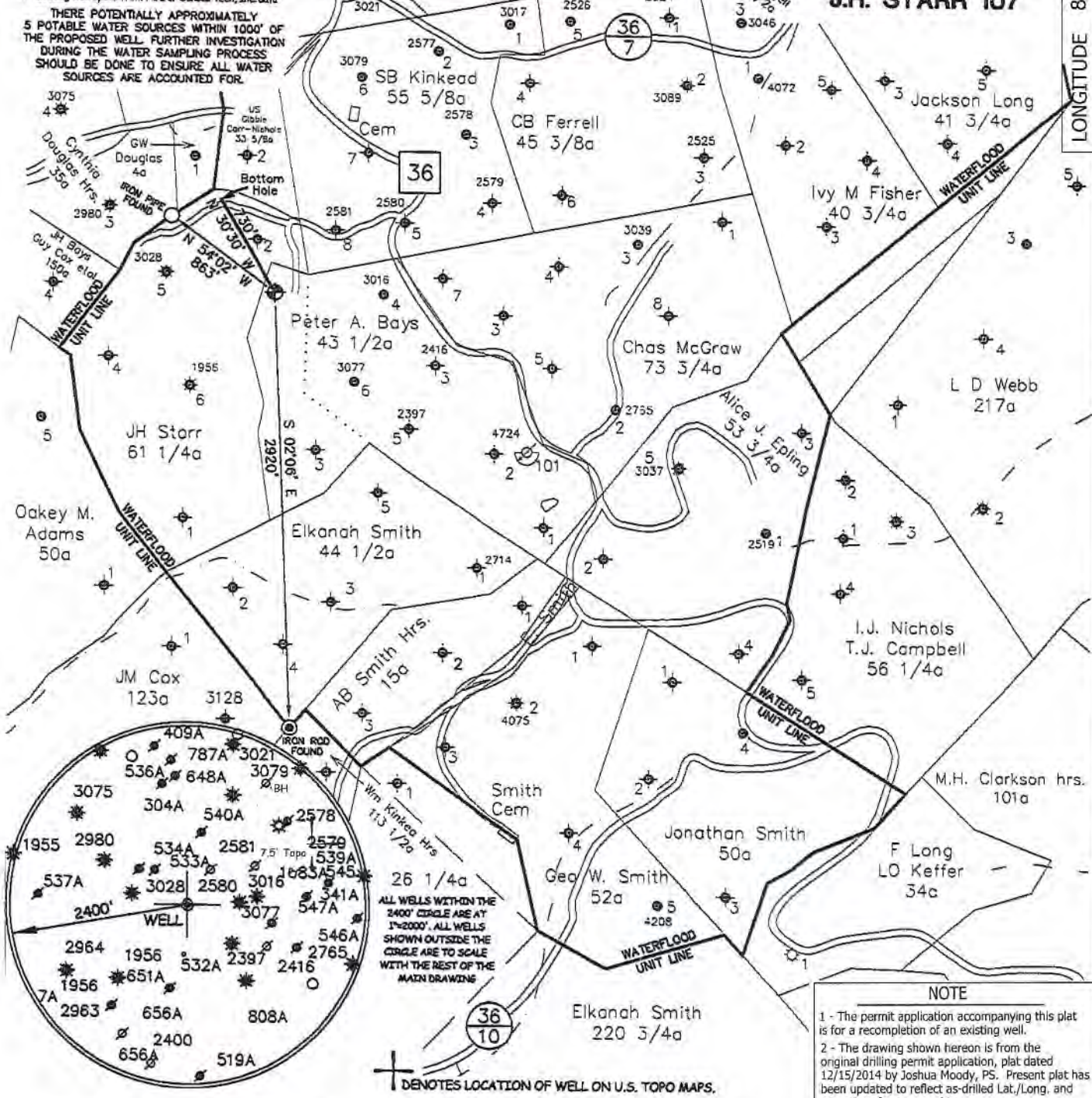
- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1983).
- 2 - Surface owners and adjacent information obtained from the Roane County Assessor's tax records.
- 3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete title Opinion.
- 4 - Existing well spots from H&E or Seneca Tech, Inc. data.

SURVEY NOTES

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,285,053m. E-475,000m.
Bottom Hole	N-4,285,245m. E-474,887m.

LOCATION REFERENCES	
MAGNETIC BEARING	S 60° W 94.8' 15" POPLAR N 29° W 67.0' 10" RED OAK

MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- J.H. STARR 107



NOTE

- The permit application accompanying this plat is for a recompletion of an existing well.
- The drawing shown hereon is from the original drilling permit application, plat dated 12/15/2014 by Joshua Moody, PS. Present plat has been updated to reflect as-drilled Lat./Long. and current surface ownership.

DEVOTES LOCATION OF WELL ON U.S. TOPO MAPS.


FILE NO. _____

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY _____

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

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

LOCATION: ELEVATION 1,097' WATERSHED Laurel Fork
DISTRICT Smithfield COUNTY Roane
QUADRANGLE Looneyville 7.5'

SURFACE OWNER Freddie Fisher et al. ACREAGE 33 Ac.
OIL & GAS ROYALTY OWNER Wm. S. Haymond II et al. LEASE ACREAGE 104 Ac.
LEASE NO. _____

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ 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 Big Injun ESTIMATED DEPTH 2,555' MD

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



DATE July 24, 2020
FARM J.H. Starr No.107
API WELL NO. 47 - 087 - 04782W

RECEIVED
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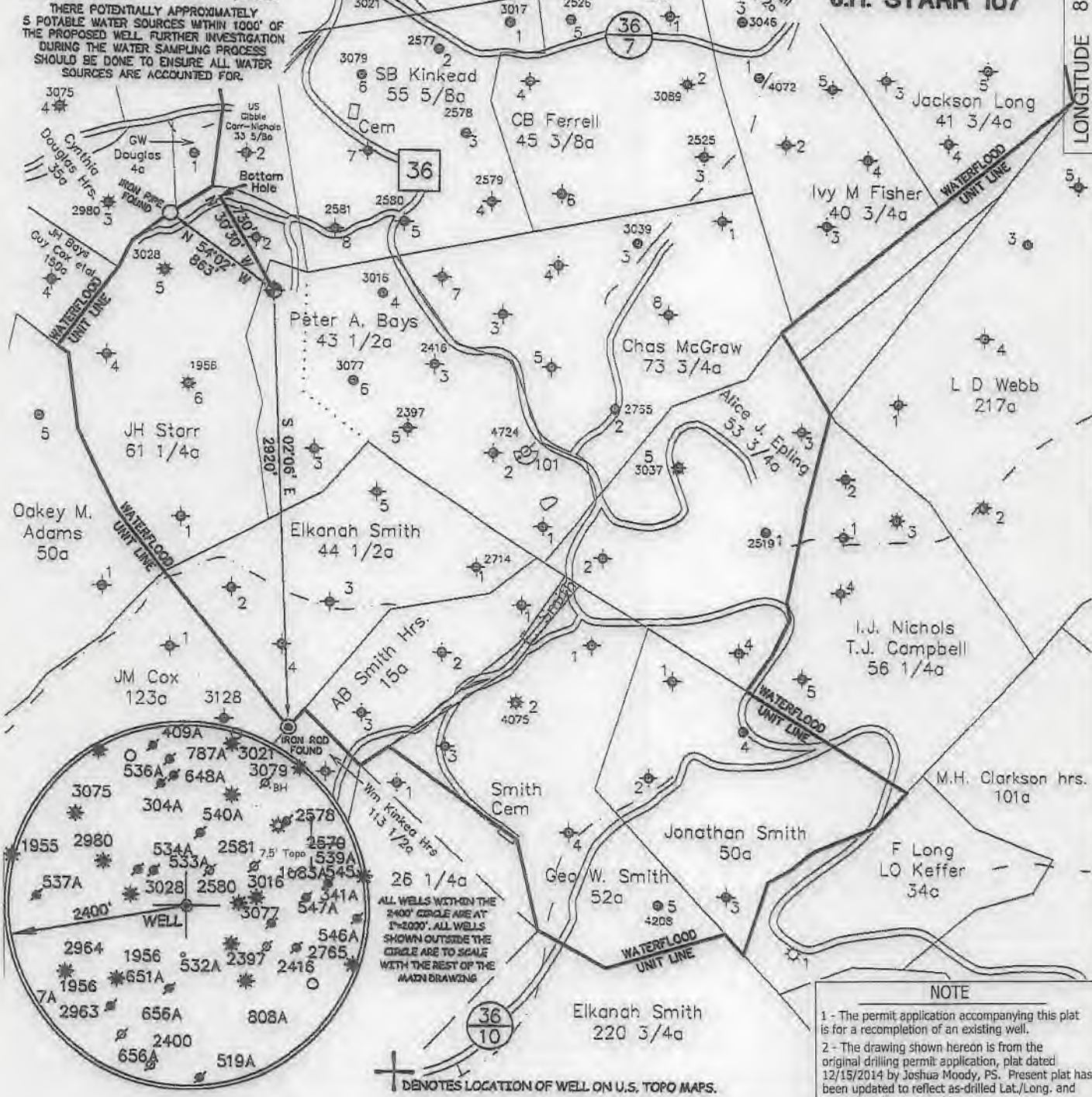
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**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
J.H. STARR 107**



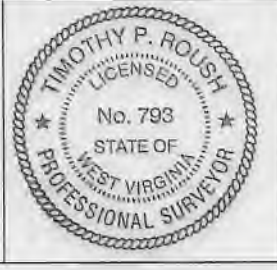
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DATE July 24, 2020
FARM J.H. Starr No.107
API WELL NO. 47 - 087 - 04782 W

As Drilled Latitude = 38° 42' 49.2"