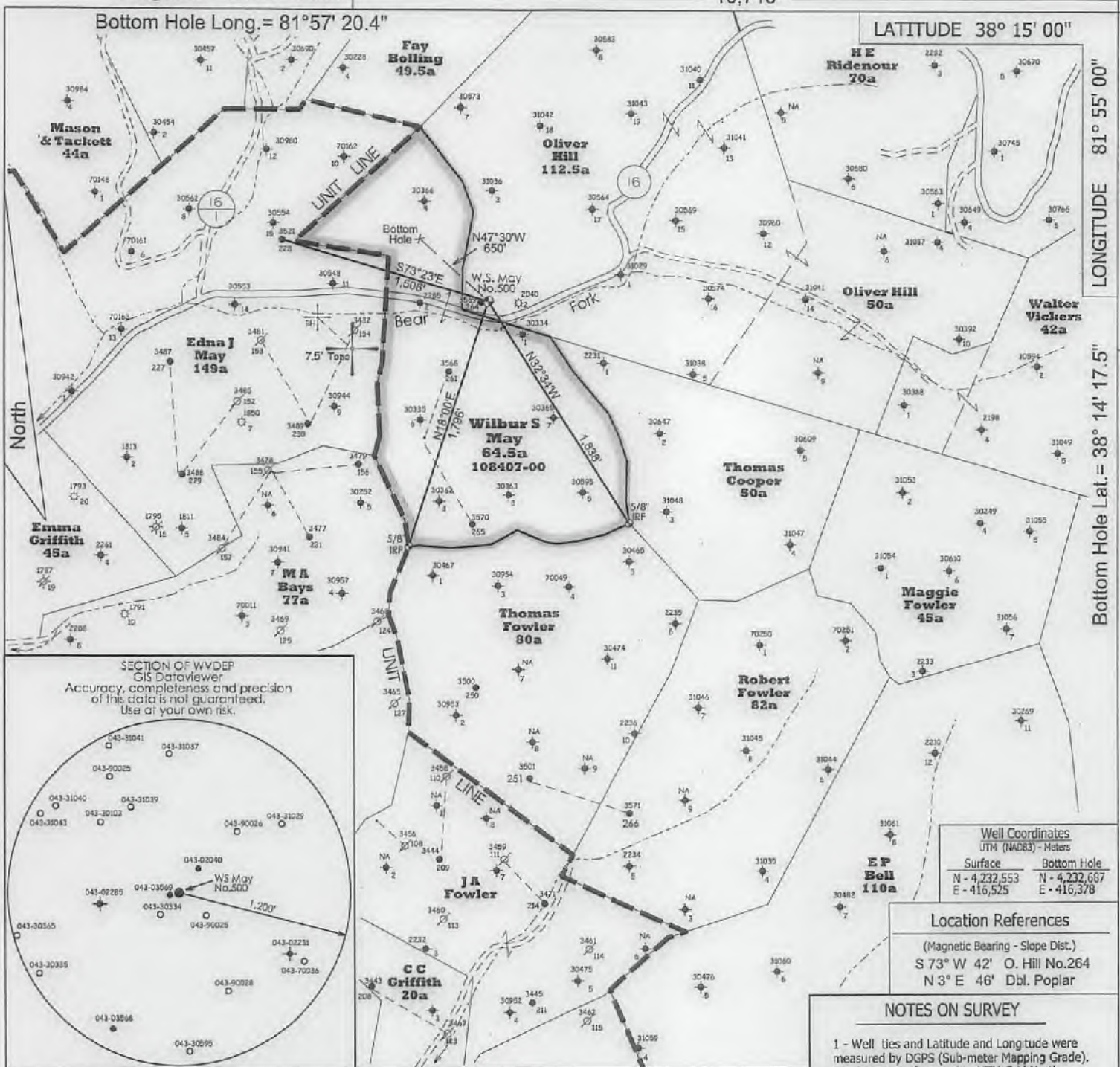


Longitude = 81°57' 14.36"

10,715'

Bottom Hole Long. = 81°57' 20.4"

LATITUDE 38° 15' 00"



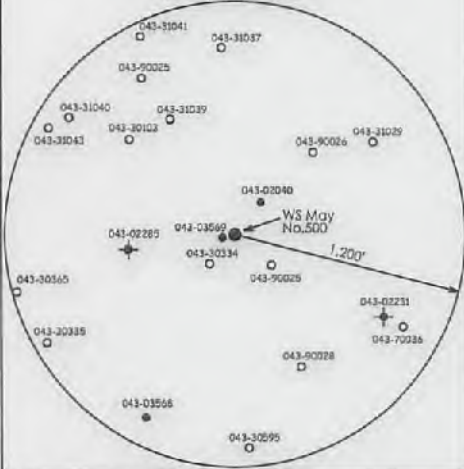
LONGITUDE 81° 55' 00"

Bottom Hole Lat. = 38° 14' 17.5"

4,730'

Latitude = 38° 14' 13.23"

SECTION OF WVDEP
GIS Dataviewer
Accuracy, completeness and precision
of this data is not guaranteed.
Use at your own risk.



Well Coordinates	
UTM (NAD83) - Meters	
Surface	Bottom Hole
N - 4,232,553	N - 4,232,687
E - 416,525	E - 416,378

Location References
(Magnetic Bearing - Slope Dist.)
S 73° W 42' O. Hill No.264
N 3° E 46' Dbl. Poplar

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 - Surface owner information obtained from the Lincoln County Assessor's tax records.

- ◆ - DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.
- ⊕ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. _____

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) [Signature]
TIMOTHY P. ROUSH PS 793



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



DATE October 31, 2017

FARM W.S. May No.500

API WELL NO. 47 - 043 - 03576S

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

LOCATION: ELEVATION 721' WATERSHED Bear Fork
DISTRICT Duval COUNTY Lincoln
QUADRANGLE Griffithsville 7.5'

SURFACE OWNER D. Arthur Raybourn & Marjorie Raybourn (L.E.) ACREAGE 161 Ac.

OIL & GAS ROYALTY OWNER Wayne & Teresa Woodall et al. LEASE ACREAGE 64.5 Ac. **02/16/2018**
LEASE NO. 108407-00

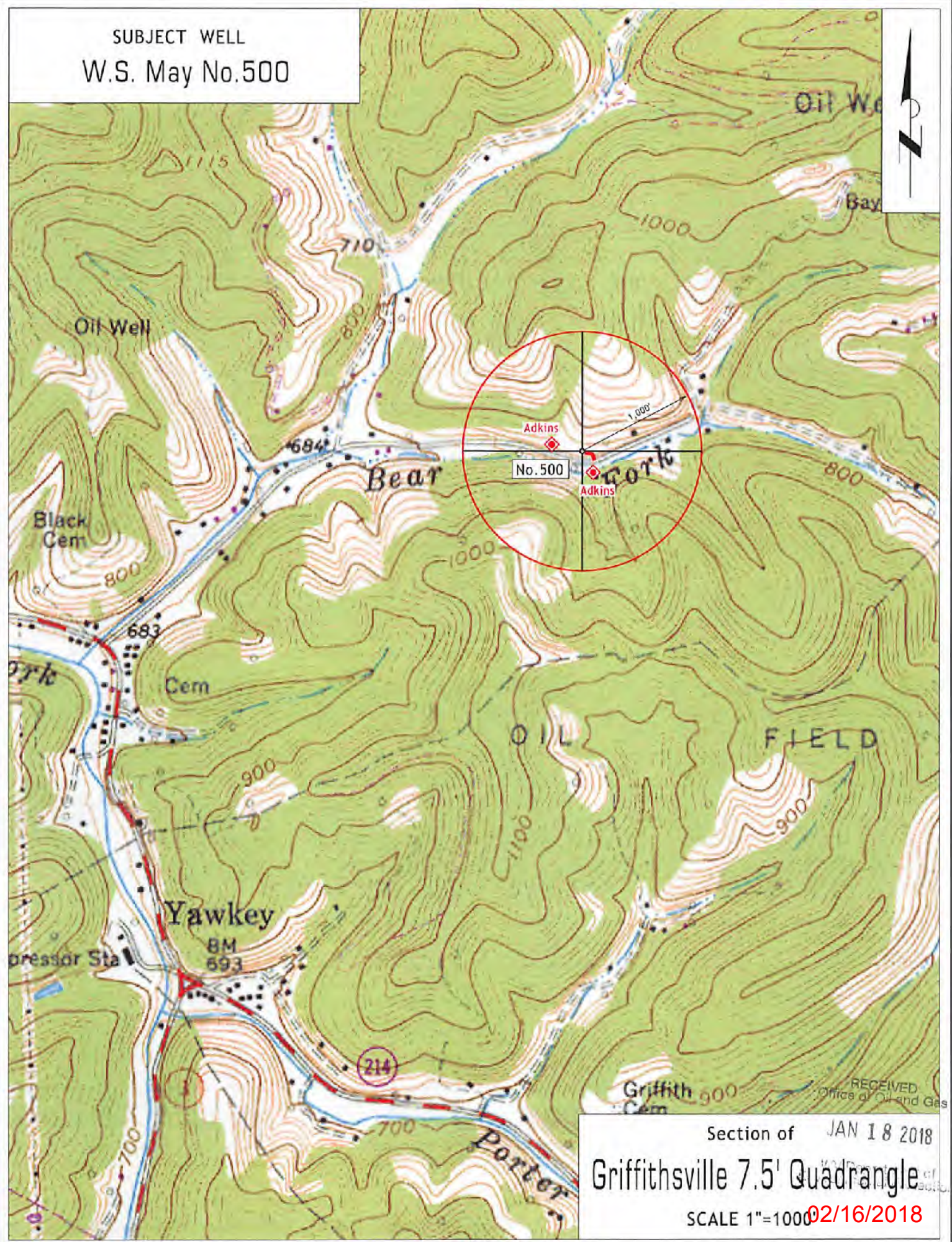
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) NOTE: This well will be drilled
directionally as shown on the plat above.

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Berea ESTIMATED DEPTH TMD - 2,485'

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
W.S. May No.500



Section of JAN 18 2018
Griffithsville 7.5' Quadrangle
SCALE 1"=1000' 02/16/2018

RECEIVED
Office of Oil and Gas