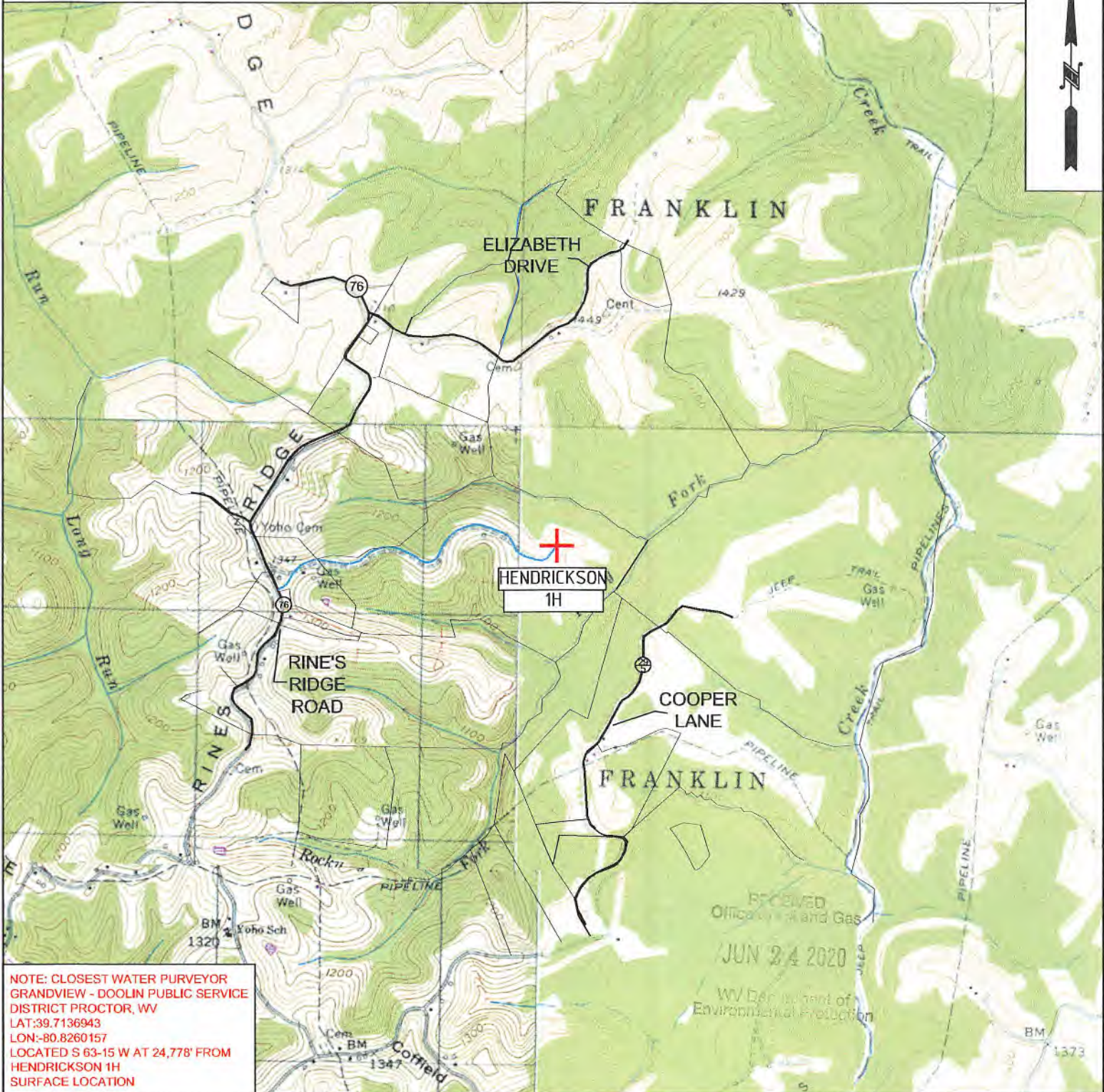


PROPOSED HENDRICKSON 1H



NOTE: CLOSEST WATER PURVEYOR
 GRANDVIEW - DOOLIN PUBLIC SERVICE
 DISTRICT PROCTOR, WV
 LAT:39.7136943
 LON:-80.8260157
 LOCATED S 63-15 W AT 24,778' FROM
 HENDRICKSON 1H
 SURFACE LOCATION

RECEIVED
 Office of Oil and Gas
 JUN 24 2020
 WV Department of
 Environmental Protection



TUG HILL
 OPERATING

OPERATOR 494510851
 TUG HILL OPERATING, LLC
 380 SOUTHPOINTE BLVD
 SUITE 200
 CANONSBURG, PA 15317

TOPO SECTION WILEYVILLE 7.5'
SCALE: 1" = 2000'

LEASE NAME HENDRICKSON
DATE: DATE: 5-11-2020

HENDRICKSON LEASE WELL 1H 491.8± ACRES

TOP HOLE LATITUDE: 39°45'00"
BOTTOM HOLE LATITUDE: 39°45'00"

LEGEND

- LEASED TRACTS
- SURFACE TRACTS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)

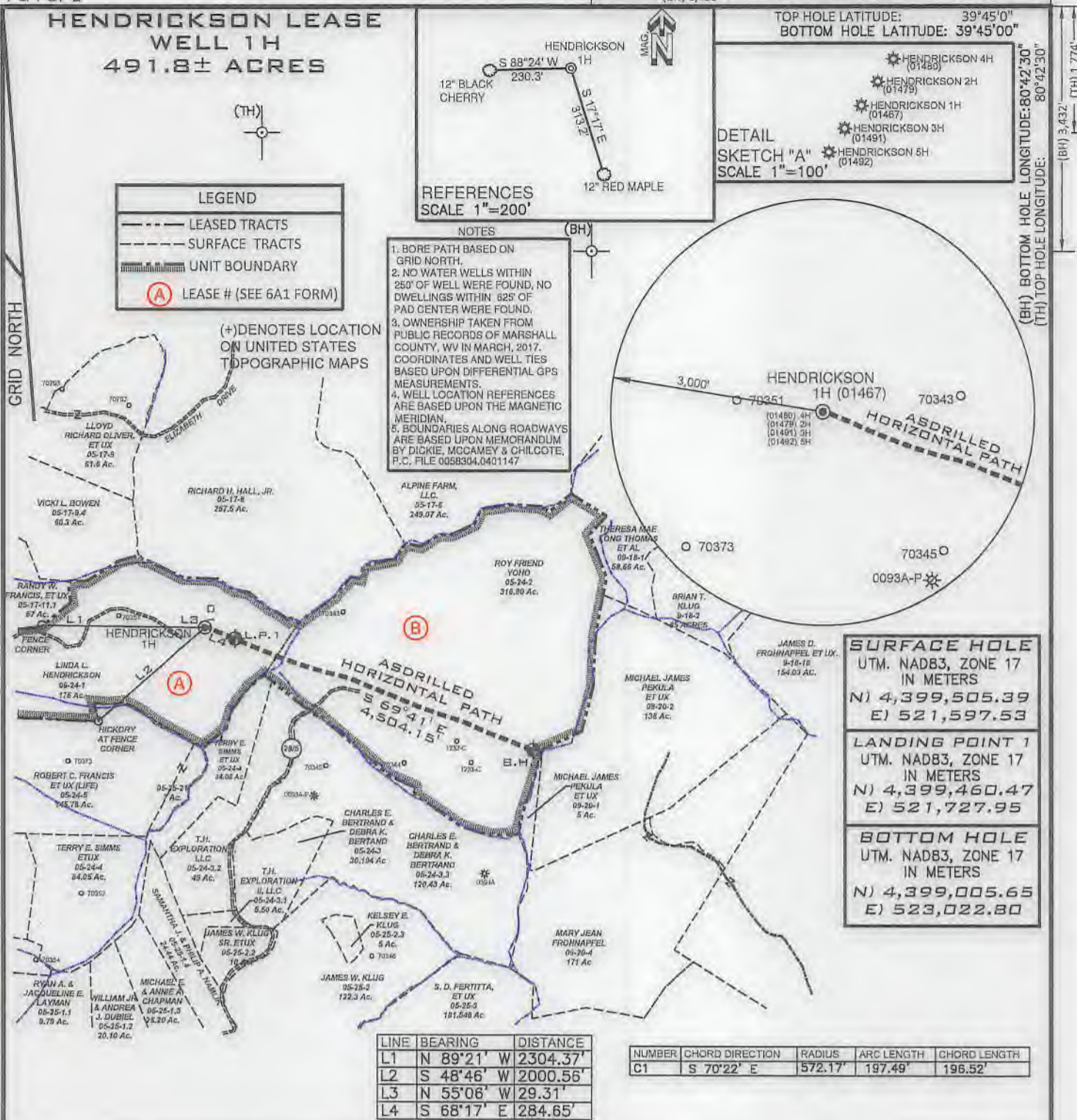
REFERENCES
SCALE 1"=200'

DETAIL SKETCH "A"
SCALE 1"=100'

NOTES

1. BORE PATH BASED ON GRID NORTH.
2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH, 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
5. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058304.0401147

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS



SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,505.39
E) 521,597.53

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,460.47
E) 521,727.95

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,005.65
E) 523,022.80

LINE	BEARING	DISTANCE
L1	N 89°21' W	2304.37'
L2	S 48°46' W	2000.56'
L3	N 55°06' W	29.31'
L4	S 68°17' E	284.65'

NUMBER	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	S 70°22' E	572.17'	197.49'	196.52'

FILE NUMBER _____
DRAWING NUMBER HENDRICKSON_WP_1H
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING GRADE GPS

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

P.S. 708

David L Jackson



JACKSON SURVEYING INC.
P.O. Box 1480
Clarksburg, WV 26302
304-623-6651

WVDEP
OFFICE OF OIL & GAS
801 57TH STREET, SE
CHARLESTON, WV 25304

DATE: MAY 12, 2020

OPERATORS WELL NO. HENDRICKSON 1H

API WELL NO. 47-051-01467F

STATE WV COUNTY MARSHALL PERMIT 01467F

LOCATION ELEVATION 1220.33' WATERSHED (HUC 10) Rocky Fork of Fish Creek (HUC-10)

DISTRICT Franklin COUNTY Marshall

QUADRANGLE Wileyville 7.5' LEASE NUMBER _____ SEE WW-6A1 Form

SURFACE OWNER LINDA L. HENDRICKSON ACREAGE 175.0

OIL & GAS ROYALTY OWNER LINDA L. HENDRICKSON LEASE ACREAGE 175.0

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD: 6,670' TMD: 11,434'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME PERMIT