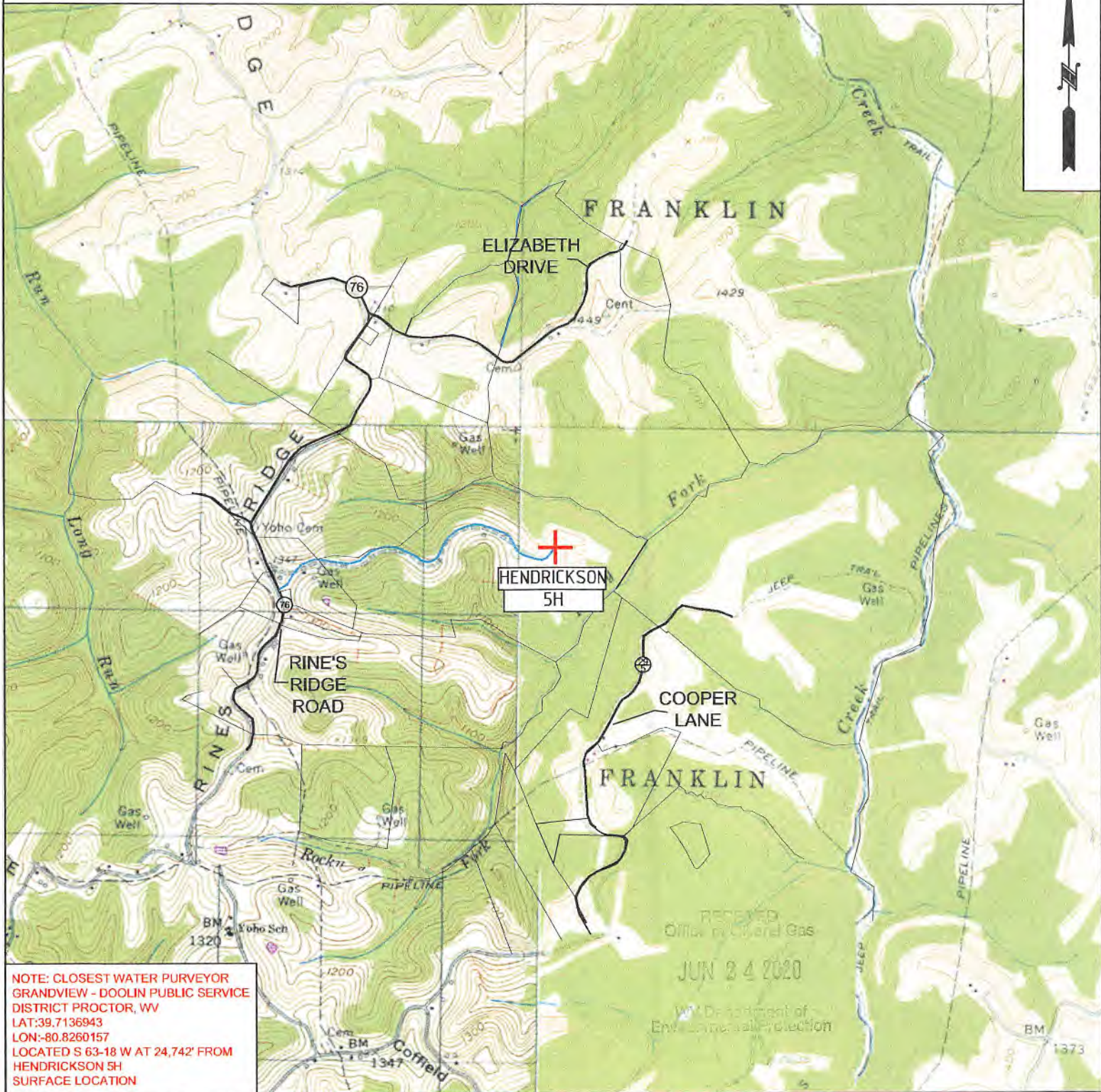



PROPOSED HENDRICKSON 5H



NOTE: CLOSEST WATER PURVEYOR
GRANDVIEW - DOOLIN PUBLIC SERVICE
DISTRICT PROCTOR, WV
LAT:39.7136943
LON:-80.8260157
LOCATED S 63-18 W AT 24,742' FROM
HENDRICKSON 5H
SURFACE LOCATION

 TUG HILL OPERATING	OPERATOR	494510851	TOPO SECTION	LEASE NAME
	TUG HILL OPERATING, LLC 380 SOUTHPOINTE BLVD SUITE 200 CANONSBURG, PA 15317		WILEYVILLE 7.5'	HENDRICKSON
			SCALE: 1" = 2000'	DATE: DATE: 5-11-2020

HENDRICKSON LEASE WELL 5H

745.28± 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)

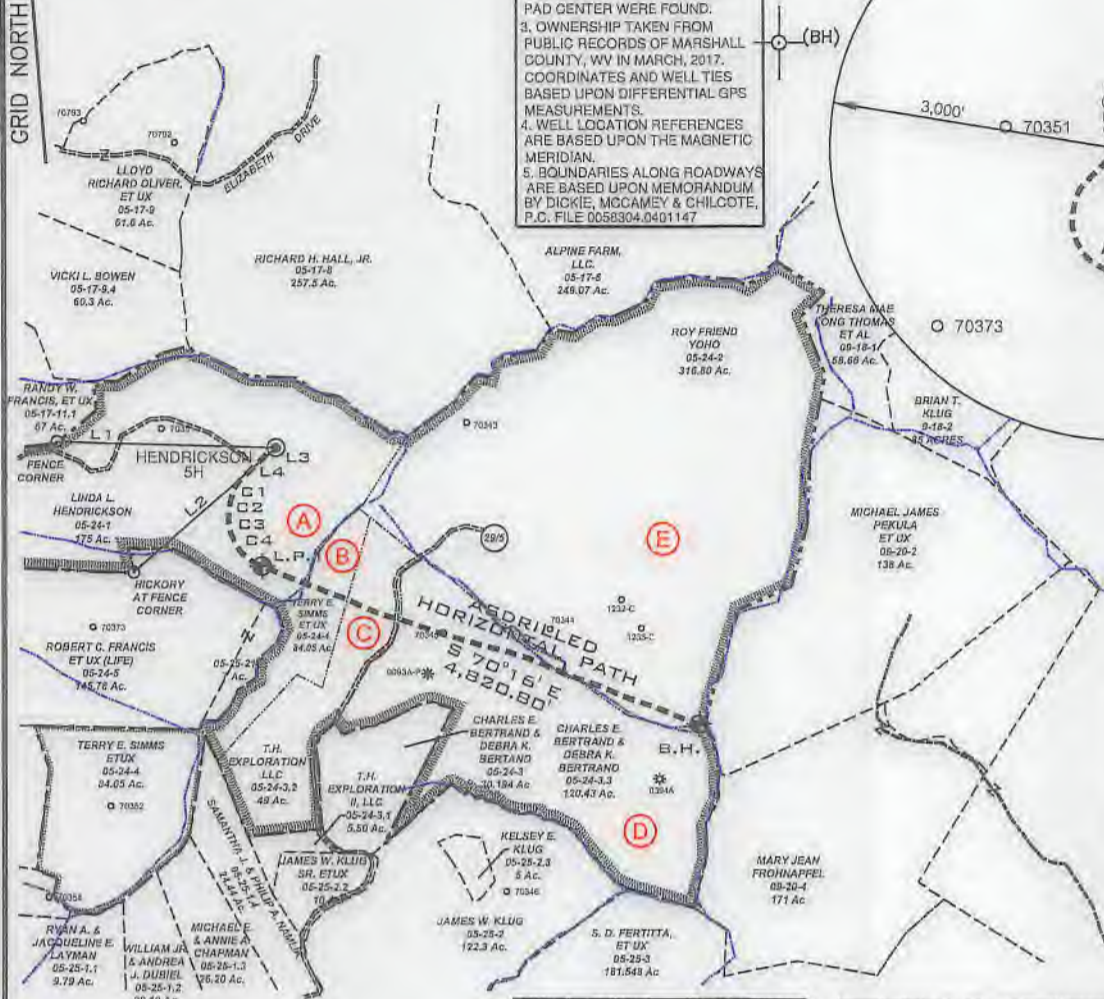
(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

REFERENCES
 SCALE 1"=200'

NOTES

- BORE PATH BASED ON GRID NORTH.
- NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
- OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH, 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
- WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
- BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.O. FILE 00589304.0401147

DETAIL SKETCH "A"
 SCALE 1"=100'



SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,399,495.28
 E) 521,590.69

LANDING POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,399,122.45
 E) 521,552.56

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,398,649.82
 E) 522,943.34

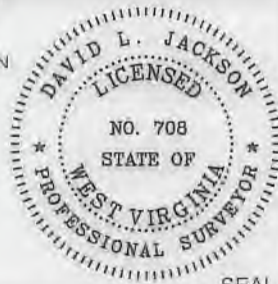
LINE	BEARING	DISTANCE
L1	N 88°31' W	2281.96'
L2	S 49°03' W	1961.66'
L3	N 45°30' W	23.40'
L4	S 45°10' W	441.47'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 43°03' W	92.72'	668.26'	92.80'
C2	S 18°29' W	312.42'	592.61'	316.16'
C3	S 24°22' E	551.83'	521.60'	551.47'
C4	S 63°20' E	133.11'	816.23'	133.26'

FILE NUMBER _____
 DRAWING NUMBER HENDRICKSON_WP_5H
 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
 304-623-5951

WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET, SE
 CHARLESTON, WV 25304

DATE: MAY 12, 2020

OPERATORS WELL NO. HENDRICKSON 5H

API WELL NO. 47-051-01492 F
 STATE COUNTY PERMIT

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: 6,677' TMD: 12,410'
 WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME PERMIT