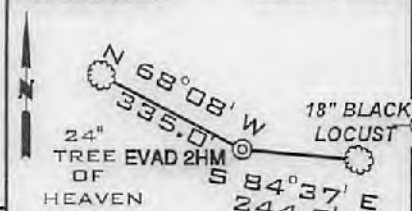


# EVAD LEASE WELL 2HM 425.091 ± ACRES

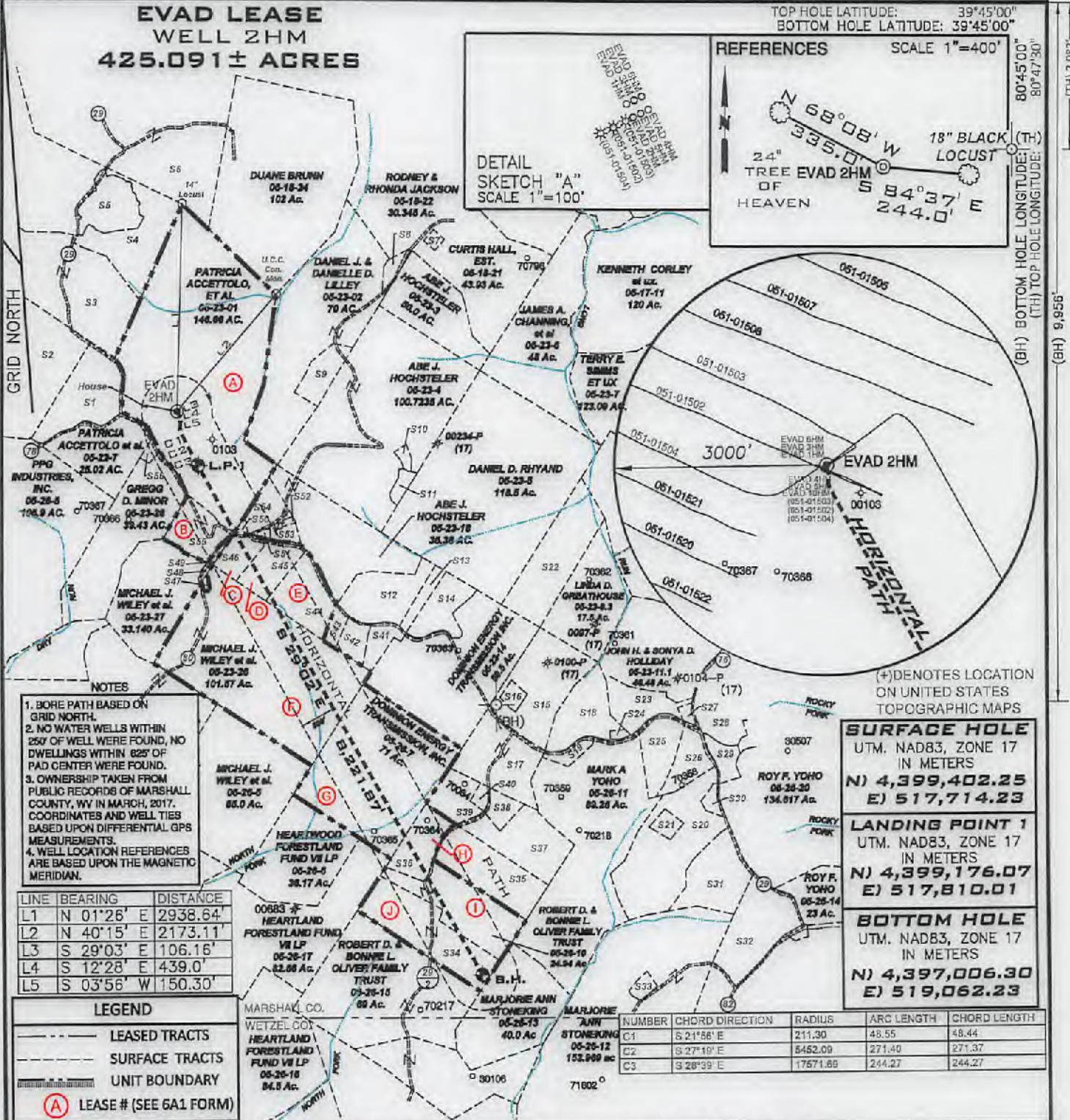
TOP HOLE LATITUDE: 39°45'00"  
BOTTOM HOLE LATITUDE: 39°45'00"

### REFERENCES

SCALE 1"=400'



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 825' 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.

LINE	BEARING	DISTANCE
L1	N 01°26' E	2938.64
L2	N 40°15' E	2173.11
L3	S 29°03' E	106.16'
L4	S 12°28' E	439.0'
L5	S 03°56' W	150.30'

**LEGEND**

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

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

SURFACE HOLE	
UTM. NAD83, ZONE 17 IN METERS	
N)	4,399,402.25
E)	517,714.23
LANDING POINT 1	
UTM. NAD83, ZONE 17 IN METERS	
N)	4,399,176.07
E)	517,810.01
BOTTOM HOLE	
UTM. NAD83, ZONE 17 IN METERS	
N)	4,397,006.30
E)	519,062.23

NUMBER	CHRD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	S 21°56' E	211.30	48.55	48.44
C2	S 27°19' E	5452.09	271.40	271.37
C3	S 28°39' E	17571.69	244.27	244.27

FILE NUMBER \_\_\_\_\_

DRAWING NUMBER EVAD\_WP\_2HM

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

*David L Jackson*



JACKSON SURVEYING INC.  
P.O. Box 1460  
Clarksburg, WV 26302  
304-623-5851



DATE: JUNE 4, 2018

OPERATORS WELL NO. EVAD 2HM

API WELL NO. 47-051-02057 A6A

STATE WV COUNTY MARSHALL PERMIT \_\_\_\_\_

LOCATION ELEVATION 1290.0' WATERSHED (HUC 10) FISH CREEK

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE NEW MARTINSVILLE 7.5' LEASE NUMBER SEE WW-6A1 Form

SURFACE OWNER LOUIS J. & PATRICIA ACGETTOLO ET AL ACREAGE 146.66

OIL & GAS ROYALTY OWNER SEE WW-6A1 Form LEASE ACREAGE 146.66

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 6,644' TMD: 15,073'

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

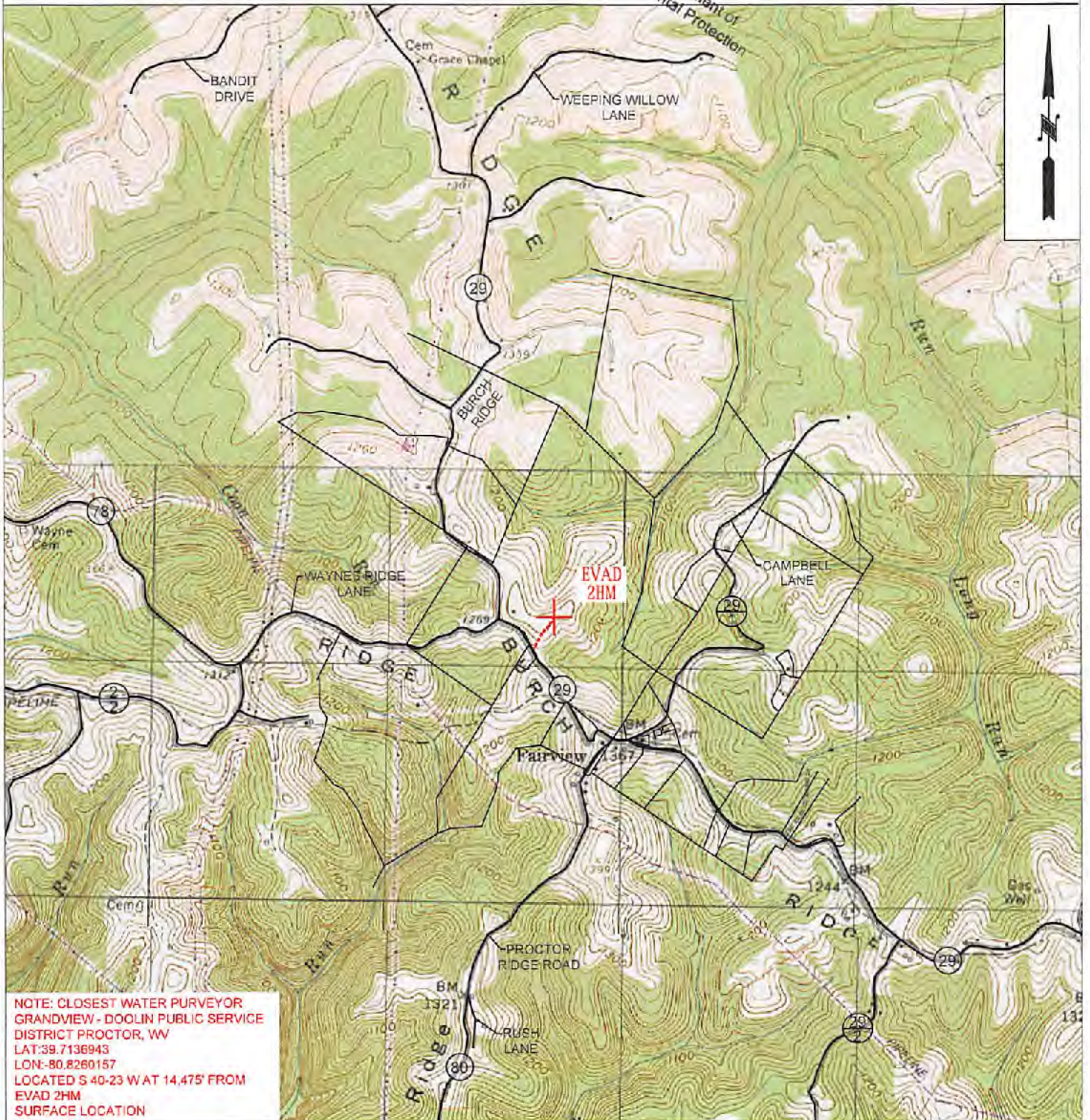
COUNTY NAME  
PERMIT

WW-9


**PROPOSED**  
**EVAD 2HM**

RECEIVED  
Office of Oil and Gas  
JUN 18 2018  
WV Department of Environmental Protection

SUPPLEMENT PG 2



NOTE: CLOSEST WATER PURVEYOR  
GRANDVIEW - DOOLIN PUBLIC SERVICE  
DISTRICT PROCTOR, WV  
LAT:39.7136943  
LON:-80.8260157  
LOCATED S 40-23 W AT 14.475' FROM  
EVAD 2HM  
SURFACE LOCATION

 <p><b>TUG HILL</b> OPERATING</p>	OPERATOR	494510851	TOPO SECTION	LEASE NAME
	TUG HILL OPERATING, LLC 380 SOUTHPOINTE BLVD SUITE 200 CANONSBURG, PA 15317		NEW MARTINSVILLE 7.5'	EVAD
			SCALE: 1" = 2000'	DATE: DATE: 05-31-2018