



FILE NUMBER 163-697  
 DRAWING NUMBER HHU2\_WP\_1HM  
 SCALE 1" = 1500'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 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. 2122 *Jonathan N. White*



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



DATE: February 08, 2017  
 OPERATORS WELL NO. Heaven Hill Unit 2-1HM

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION ELEVATION 1331' WATERSHED (HUC 10) FISH CREEK  
 DISTRICT MEADE COUNTY MARSHALL  
 QUADRANGLE GLEN EASTON 7.5' LEASE NUMBER SEE ATTACHED PG 2 OF 2

SURFACE OWNER CHARLES R. HAGEDORN, JR., ET UX ACREAGE 203.074  
 OIL & GAS ROYALTY OWNER CHARLES R. HAGEDORN, JR., ET AL LEASE ACREAGE 596.894  
 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 6,879' TMD:16,507'  
 WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD  
FORT WORTH, TX 76107 CHARLESTON, WV 25313

05/05/2017

COPY NAME PERMIT

**HEAVEN HILL UNIT 2-1HM  
WELL PLAT LEASE INFORMATION**

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	Deed	
				Book/Pg	
10*15505	A	9-7-3	RALPH E. WELLMAN	686	412
10*15521	A	9-7-3	VENANGO 21ST CENTURY ENERGY INC	722	281
10*15608	A	9-7-3	CHARLES R HAGEDORN JR	816	423
10*47051.073.1	A	9-7-3	VENANGO 21ST CENTURY ENERGY INC	888	618
10*47051.073.2	A	9-7-3	PATRIOT RESTORATIONS LLC	908	541
10*47051.073.3	A	9-7-3	TRIENERGY HOLDINGS, LLC	878	330
10*15665	B	9-7-1	MICHAEL J RINE ET UX	668	147
10*15667	C	9-7-19	KEVIN E MCGILTON ET UX	850	351
10*15560	D	9-11-6.2	WILLIAM F KERNS ET UX	677	561
10*15669	D	9-11-6.2	EMMA ANDERSON	861	586
10*15670	D	9-11-6.2	GARY M BONAR	861	577
10*15671	D	9-11-6.2	JUDALENE K COLLUMS	861	571
10*15672	D	9-11-6.2	NAOMI HUPP	861	604
10*47051.256.2	D	9-11-6.2	CAROL JEAN ANDERSON	879	299
10*47051.256.3	D	9-11-6.2	BRENDA S DYKHOUSE	881	148
10*47051.256.4	D	9-11-6.2	GLEN A BONAR	881	151
10*47051.256.5	D	9-11-6.2	JERRY W ZIEN AND KATHLEEN E ZIEN	882	530
10*15560	D	9-11-6.2	WILLIAM F KERNS ET UX	677	561
10*15669	D	9-11-6.2	EMMA ANDERSON	861	586
10*15670	D	9-11-6.2	GARY M BONAR	861	577
10*15671	D	9-11-6.2	JUDALENE K COLLUMS	861	571
10*15672	D	9-11-6.2	NAOMI HUPP	861	604
10*47051.256.2	D	9-11-6.2	CAROL JEAN ANDERSON	879	299
10*47051.256.3	D	9-11-6.2	BRENDA S DYKHOUSE	881	148
10*47051.256.4	D	9-11-6.2	GLEN A BONAR	881	151
10*47051.256.5	D	9-11-6.2	JERRY W ZIEN AND KATHLEEN E ZIEN	882	530
10*15584	E	9-11-5	VICKIE MASON	686	239
10*15585	E	9-11-5	SHARON L WHETZEL	687	147
10*15586	E	9-11-5	MARY A SOUTH	690	615
10*15587	E	9-11-5	ROBERT L WHETZEL	690	559
10*15588	E	9-11-5	RAY A WHETZEL JR	693	571
10*15589	E	9-11-5	MARK L WHETZEL	693	576
10*47051.108.1	E	9-11-5	MICHAEL A WHETZEL	885	51
10*47051.108.5	E	9-11-5	BRENDA J WHETZEL	885	55
10*47051.108.1	F	9-11-9	MICHAEL A WHETZEL	885	51
10*15582	G	9-11-10	ROBERT L CLARK	685	239

05/05/2017

WELL OPERATOR TUG HILL OPERATING, LLC  
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500  
FORT WORTH, TX 76107

DESIGNATED AGENT DIANNA STAMPER  
CT CORPORATION SYSTEM  
ADDRESS 5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313