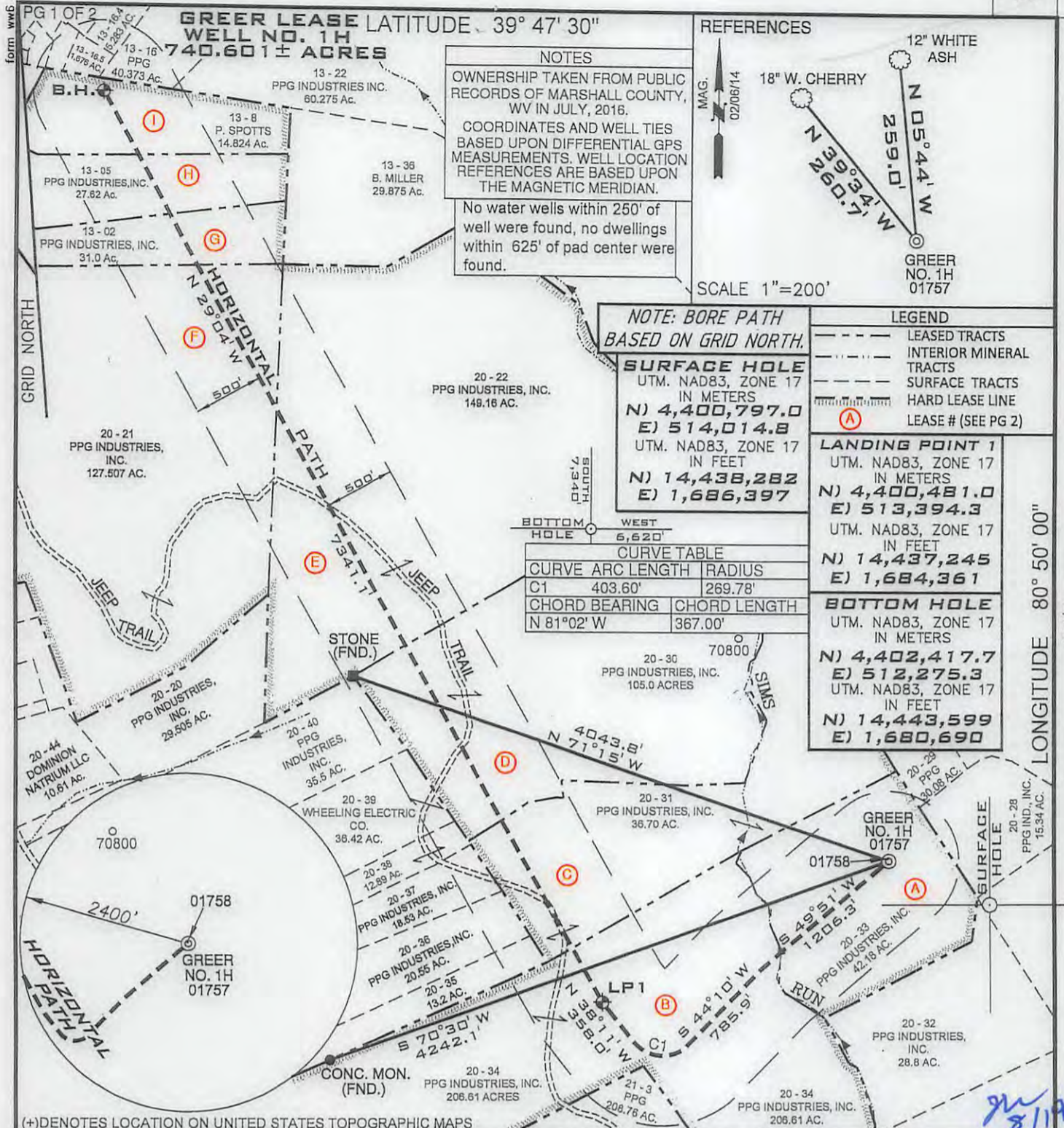


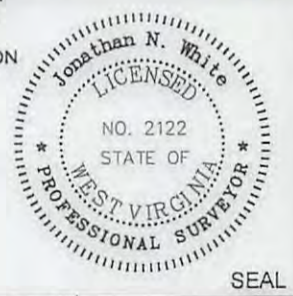
920'



FILE NUMBER W0120319 (WB1-76)
 DRAWING NUMBER GREER_WP_1H_REV1
 SCALE 1" = 1000'
 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



MARCH 14, 2014
 DATE: JULY 25, 2016 REV1
 OPERATORS WELL NO. GREER NO. 1H
 API WELL NO. 47-051-01757 H6A
 STATE COUNTY PERMIT WV

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION ELEVATION 1251' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER (UNDEFINED)
 DISTRICT FRANKLIN COUNTY MARSHALL
 QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER SEE ATTACHED PG 2 OF 2

SURFACE OWNER PPG INDUSTRIES, INC. ACREAGE 42.18
 OIL & GAS ROYALTY OWNER PPG INDUSTRIES, INC., ET AL LEASE ACREAGE 740.601
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) _____
 PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD 6,506' TMD:14,667'
 WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
CT CORPORATION SYSTEM
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
FORT WORTH TX, 76107 CHARLESTON WV, 25313

12/09/2016

COUNTY NAME
 PERMIT

form. wv6

**GREER WELL NO. 1H
WELL PLAT LEASE INFORMATION**

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	Deed Book/Pg	
WV16-0076-001	A	5-20-33	PPG INDUSTRIES, INC.	725	123
WV16-0076-001	B	5-20-34	PPG INDUSTRIES, INC.	725	123
WV16-0076-001	C	5-20-31	PPG INDUSTRIES, INC.	725	123
WV16-0076-001	D	5-20-30	PPG INDUSTRIES, INC.	725	123
WV16-0076-068	D	5-20-30	DAN J. SWOVELAND	827	523
WV16-0076-069	D	5-20-30	CARRIE E METZGER FKA CARRIE ELIZABETH CHAMBERS	833	527
WV16-0076-070	D	5-20-30	CHRISTINA CHAMBERS	836	123
WV16-0076-071	D	5-20-30	JOSEPH LONG	836	106
WV16-0076-117	D	5-20-30	DAVID C WHITE, ESQ., SPECIAL COMMISSIONER ON BEHALF OF D.W. CHESSE OR HIS HEIRS, SUCCESSORS, ASSIGNS, DEVISEES, OR DISTRIBUTEES	872	217
WV16-0076-063	D	5-20-30	ALLEN D. MASON	827	276
WV16-0076-064	D	5-20-30	RODNEY K. CHAMBERS	827	271
WV16-0076-065	D	5-20-30	CAROLYN STARKEY	827	226
WV16-0076-066	D	5-20-30	CHRISTINA I. CHILCOTE	827	525
WV16-0076-067	D	5-20-30	DAWN M. LAEMMIE	827	521
WV16-0076-058	D	5-20-30	GLENN L. MASON & SANDRA K. MASON	822	256
WV16-0076-059	D	5-20-30	FREDRIC RICHTER & BETTY RICHTER	822	270
WV16-0076-060	D	5-20-30	JORLENE POST	827	280
WV16-0076-061	D	5-20-30	CHRIS H. STEVENSON	827	282
WV16-0076-062	D	5-20-30	LUCYBELLE WELDON	827	278
WV16-0076-053	D	5-20-30	NORA WEBB	805	78
WV16-0076-054	D	5-20-30	BRIAN K. MARMIE & CAROL L. MARMIE	805	76
WV16-0076-055	D	5-20-30	KARI B. MARMIE	809	515
WV16-0076-056	D	5-20-30	TRAVIS D. MARMIE	808	491
WV16-0076-057	D	5-20-30	DEWAYNE STARKEY	815	228
WV16-0076-047	D	5-20-30	SHARON D. GREEN	799	463
WV16-0076-048	D	5-20-30	LAURA GLASSNER	800	406
WV16-0076-049	D	5-20-30	TERRY I. CHAMBERS	800	404
WV16-0076-050	D	5-20-30	GEORGEANN TIPPY	803	152
WV16-0076-051	D	5-20-30	HOWARD A. BROWN	805	98
WV16-0076-052	D	5-20-30	RAE JEAN NAMETH	805	80
WV16-0076-041	D	5-20-30	JOANN FRAZIER	799	59
WV16-0076-042	D	5-20-30	JOSEPH CHAMBERS	799	450
WV16-0076-043	D	5-20-30	ROBERT MARMIE	799	455
WV16-0076-044	D	5-20-30	FLORENCE L. MYERS	799	457
WV16-0076-045	D	5-20-30	BARBARA METZNER	799	459
WV16-0076-046	D	5-20-30	LYNNETTE L. KUGLER	799	461
WV16-0076-012	D	5-20-30	COLLIN A. WILLISON III	789	577
WV16-0076-032	D	5-20-30	LETITIA TEMPLE	799	465
WV16-0076-037	D	5-20-30	MARY C. JOSEPH	797	196
WV16-0076-038	D	5-20-30	MARSHA L. SCHON	797	198
WV16-0076-039	D	5-20-30	WILLIAM M. DOYLE	797	187
WV16-0076-040	D	5-20-30	LOIS JEAN MYERS	797	189
WV16-0076-001	E	5-20-22	PPG INDUSTRIES, INC.	725	123
WV16-0185-001	E	5-20-22	ROGER R WEESE, SPECIAL COMMISSIONER ON BEHALF OF EMMA W STANDIFORD, MARY WILSON CRAMER, JANE TAYLOR, MAY BRIDENBECKER, ROSEBERRY L WILSON, ANNIE WILSON, BEATRICE WILSON KERLIN, COURTNEY T WILSON, GUY WILSON, CALLIE WILSON GATES, JAMES C WILSON, H L WILSON	836	488
WV16-0076-001	F	5-20-21	PPG INDUSTRIES, INC.	725	123
WV16-0076-001	G	5-13-2	PPG INDUSTRIES, INC.	725	123
WV16-0076-001	H	5-13-5	PPG INDUSTRIES, INC.	725	123
WV16-0142-000	I	5-13-8	PAUL F. SPOTTS	779	482

12/09/2016

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