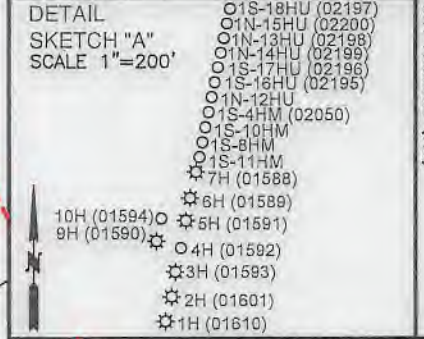
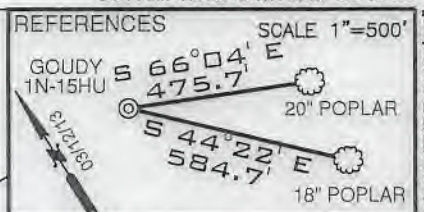


CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 89°21' E	52.26'	199.44'	52.41'
C2	N 66°53' E	27.56'	23.99'	29.36'
C3	N 10°37' E	45.01'	87.83'	45.52'
C4	N 12°02' W	142.80'	577.30'	149.17'
C5	N 21°38' W	213.07'	1890.47'	213.19'
C6	N 26°40' W	196.77'	2810.72'	196.81'



SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,608.62
E) 514,683.29

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,763.50
E) 514,878.57

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,400,739.56
E) 513,756.24

- 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.
 5. ALL DEEP WELLS WITHIN 3,000' OF LATERAL ARE SHOWN ON PLAT.

LINE	BEARING	DISTANCE
L1	N 45°57' E	24.44'
L2	N 80°57' E	43.54'
L3	S 82°19' E	705.82'

FILE NUMBER _____

DRAWING NUMBER: GOUDY_1N-15HU_REV 1

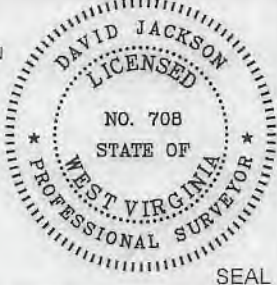
SCALE 1" = 1500'

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

David L Jackson



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

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

DATE: APRIL 03, 2019

REVISED DATE: JULY 01, 2019

OPERATORS WELL NO. GOUDY 1N-15HU

API WELL NO. 47-051-02200 HGA

STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

LOCATION ELEVATION 1239.4' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER

DISTRICT FRANKLIN COUNTY MARSHALL

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

SURFACE OWNER TH EXPLORATION III, LLC ACREAGE 70.0

OIL & GAS ROYALTY OWNER TH EXPLORATION III, LLC LEASE ACREAGE 70.0

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

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,267' TMD: 18,957'

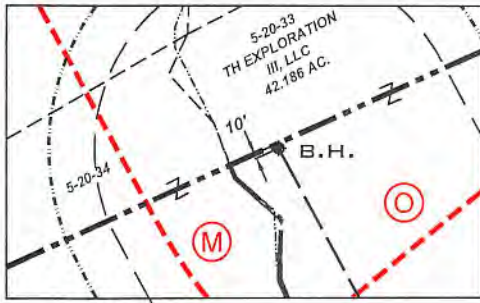
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM

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

COUNTY NAME

PERMIT

**GOUDY UNIT
WELL 1N-15HU
480.8189± ACRES**



DETAIL "A"

Lease ID	Parcel	Tags	Grantor, Lessor, Etc.	Deed	Page
10*27022	5-28-2	A	COVESTRO LLC	1046	431
10*14418	5-28-13	B	PPG INDUSTRIES, INC.	878	610
10*14418	5-28-1	C	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-15	D	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-16	E	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-17	F	PPG INDUSTRIES, INC.	878	610
10*14937	5-21-18	G	JOHN M MOORE AND MELANIE A MOORE, HUSBAND AND WIFE	850	524
10*14937	5-21-20	H	JOHN M MOORE AND MELANIE A MOORE, HUSBAND AND WIFE	850	524
10*14933	5-21-19	I	CLARA LOU HERRICK AND EDWIN A HERRICK, WIFE AND HUSBAND	850	531
10*14934	5-21-19	I	GLENDA ROSE MOORE	849	564
10*14935	5-21-19	I	JOHN M MOORE AND MELANIE A MOORE, HUSBAND AND WIFE	849	562
10*14936	5-21-19	I	LINDA L MOORE	850	533
10*14418	5-21-8	J	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-7	K	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-3	L	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-34	M	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-32	N	PPG INDUSTRIES, INC.	878	610
10*14312	5-20-33	O	JAMIE LU BENSON	790	531
10*14313	5-20-33	O	TERRI JEAN GODDARD	790	585
10*14314	5-20-33	O	RALPH BLACHLY	790	529
10*14315	5-20-33	O	MARGARET ROSS	790	527
10*14316	5-20-33	O	ANDREW GERST	791	645
10*14317	5-20-33	O	HAROLD BLACHLY	791	643
10*14318	5-20-33	O	MARTHA BLACHLY-CROSS	792	112
10*14319	5-20-33	O	JACK J PFALZGRAF	792	118
10*14320	5-20-33	O	SANDRA CHEYNEY	792	91
10*14321	5-20-33	O	HERBERT BLACHLY	792	102
10*14322	5-20-33	O	LOIS KAY MORFORD	792	110
10*14327	5-20-33	O	ROBERT D OKEY	792	646
10*14328	5-20-33	O	RAE ELLEN STUART	796	38
10*14329	5-20-33	O	TONDA ROTHENBUHLER	796	40
10*14331	5-20-33	O	CHRISTINA JEAN RIOUX	796	70
10*14332	5-20-33	O	MICHAEL EDWARD BARTH	796	68
10*14333	5-20-33	O	DEAN ROTHENBUHLER	796	42
10*14355	5-20-33	O	DEWAYNE STARKEY	815	228
10*14356	5-20-33	O	FREDRIC & BETTY RICHTER	822	270
10*14362	5-20-33	O	CAROLYN STARKEY	827	226
10*14368	5-20-33	O	JOSEPH B LONG	836	106
10*14371	5-20-33	O	THOMAS F & JENNIFER LONG	842	398
10*14372	5-20-33	O	UNITED CHURCH HOMES INC	846	408
10*14377	5-20-33	O	JOSEPH A LONG	849	519
10*14387	5-20-33	O	JOHN F & PAM LONG	849	542
10*14388	5-20-33	O	IMMANUEL CHURCH OF UNITED CC, OF SALEM TWP, MONROE CO., OH	849	513
10*14398	5-20-33	O	MARY J KAFFENBERGER	860	434
10*14399	5-20-33	O	RITA ANN & RONALD DOEBERT	860	437
10*14400	5-20-33	O	COLEEN SLAGLE & FRANKLIN SLAGLE JR	860	440
10*14401	5-20-33	O	IMELDA J SCURLOCK	860	443
10*14402	5-20-33	O	CAROL F & RICHARD WILSON	860	446
10*14403	5-20-33	O	SUE WHITE	862	429
10*14404	5-20-33	O	DON FORGRAVES	862	426
10*14405	5-20-33	O	JOHN WHITE	862	423
10*14406	5-20-33	O	WILLIAM V BUCKNOR	862	421
10*14407	5-20-33	O	LESLIE F BUCKNOR	862	419
10*14408	5-20-33	O	LORNA M LONG MORGAN	864	323
10*14409	5-20-33	O	JAMES C LONG & PATTI LONG	864	326
10*14410	5-20-33	O	HENRY T LONG	867	385
10*14411	5-20-33	O	JOHN EDWARD HARRIS JR ET AL	870	34
10*14412	5-20-33	O	THE VILLAGE NETWORK F/K/A BOYS VILLAGE	872	203
10*14413	5-20-33	O	JUANITA SANDIFER	872	206
10*14416	5-20-33	O	KATHERINE ANN WILLIAMS COTHRAN	879	1
10*14418	5-20-33	O	PPG INDUSTRIES, INC.	878	610
10*14419	5-20-33	O	CROSSROAD CHILD & FAMILY SERVICES, INC	887	105
10*15734	5-20-33	O	GENEVIEVE L LONG	904	13
10*15760	5-20-33	O	DEIRDRE L WINGER AND DANIEL W WINGER	903	645
10*15761	5-20-33	O	CAMERON CEMETARY ASSOCIATION INC	903	642
10*15762	5-20-33	O	DAWN PETROVICH	904	4
10*15763	5-20-33	O	BONNIE J SELDERS	904	34
10*15764	5-20-33	O	JAMES E BUCKNOR	904	28
10*15765	5-20-33	O	JOHN A BUCKNOR AND RHONDA BUCKNOR	904	16
10*15766	5-20-33	O	JOHN J POZENEL	904	7
10*16220	5-20-33	O	WILLIAM LONG	792	95
10*16355	5-20-33	O	JAMES P LONG AND LINDA L LONG	904	10
10*16356	5-20-33	O	DARYLS BUCKNOR AND JOYCE T BUCKNOR	904	31
10*16357	5-20-33	O	DEANNA M BONVISSUTO	904	1
10*16358	5-20-33	O	ANNE MARIE KRAMER AND CHRISTOPHER E CUEVAS	903	648



P.S. 708 *David L Jackson*



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Goudy 1N-15HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02200

WELL PLAT
PAGE 2 OF 2
DATE: 04/03/2019
REVISED DATE: 07/01/2019