

SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS
N) 4,398,590.65
E) 514,679.89
LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS
N) 4,398,212.65
E) 513,930.77
BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS
N) 4,400,865.63
E) 512,223.83
LINE BEARING
L1 S 51°33' W 2548.53'

NOTES:
I is 5-21-15
J is 5-21-15.2
F is 5-28-1.1

LEGEND
--- LEASE TRACTS
--- SURFACE TRACTS
--- WELL LATERAL
--- POINT PLEASANT LEGS
--- 400' BORE PATH OFFSET
--- 500' WELL BORE OFFSET
--- UNIT BOUNDARY
(A) LEASE # (SEE 6A1 FORM)

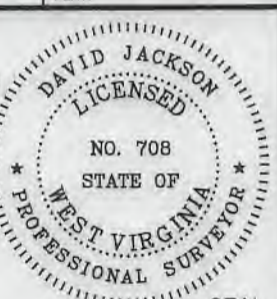
- BORE PATH BASED ON GRID NORTH.
- NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
- OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH, 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
- WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
- ALL DEEP WELLS WITHIN 3,000' OF LATERAL ARE SHOWN ON PLAT.



FILE NUMBER _____
 DRAWING NUMBER: GOUDY 1N-12HU Rev 1
 SCALE: 1" = 2000'
 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. 708
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: AUGUST 1, 2019
 OPERATORS WELL NO. GOUDY 1N-12HU
 API WELL NO. 47-051-02261-HGA *Deep*
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION 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 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)
 PLUG & ABANDON CLEAN OUT & REPLUG

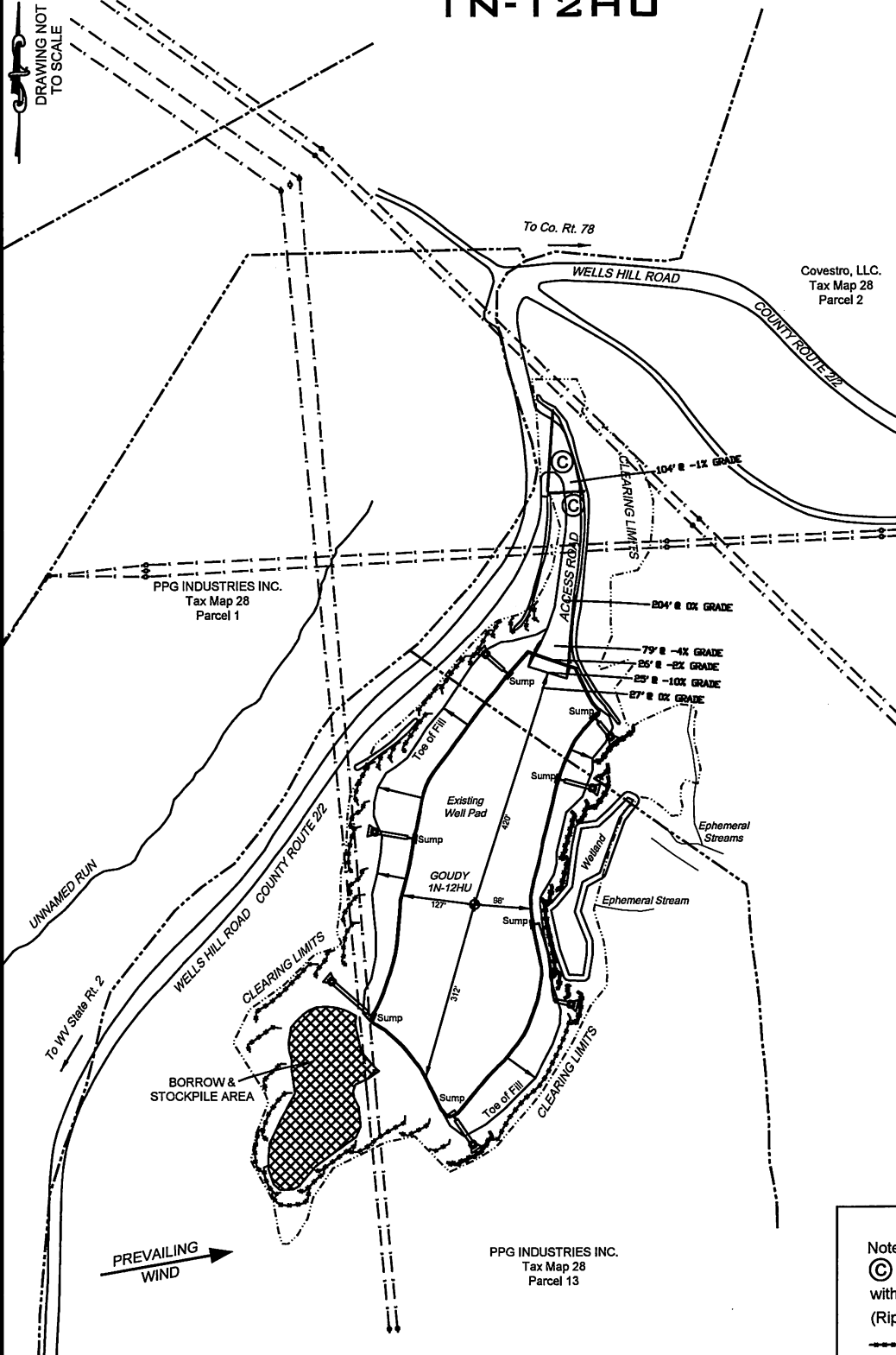
TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD 11,259' TMD: 22,178'
 WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
FORT WORTH, TX 76107 CHARLESTON, WV 25313

WW-9

PROPOSED GOUDY 1N-12HU

SUPPLEMENT PG 1

DRAWING NOT
TO SCALE



REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS, "EROSION AND SEDIMENT CONTROL FIELD MANUAL" FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.

INSTALL CULVERTS AS SHOWN ON RECLAMATION PLAN OR AS FIELD CONDITIONS REQUIRE.

ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED. TEMPORARILY SEED AND MULCH ALL SLOPES UPON CONSTRUCTION OF LOCATION.

ALL CUT AND FILL SLOPES ARE 2H : 1V SLOPE.

ALL TREES 6-INCHES AND ABOVE ARE TO BE CUT AND STACKED. BRUSH SLASHINGS ARE TO UTILIZED DOWN SLOPE OF SITE AND STRUCTURES TO ACT AS A CONTROL BARRIER IF AVAILABLE.

RECEIVED
Office of Oil and Gas

AUG 05 2019

WV Department of
Environmental Protection

LEGEND

Note:

- Ⓢ — Denotes existing culvert with appropriate sediment outlet control (Rip Rap splash pad).
- Silt Fence and or Sediment and Erosion Control Measure.
- Surface Boundary
- E — Overhead Utility

DATE: 03/04/2019

PROJECT NO: 494510851

DRAWN BY: J.A.H.

**GOUDY LEASE
WELL N-12HU
421.0394 ± ACRES**

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Deed Book/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	5-21-3.1	D	PPG INDUSTRIES, INC.	878	610
10*14418	5-28-1.4	E	PPG INDUSTRIES, INC.	878	610
10*14418	5-28-1.1	F	PPG INDUSTRIES, INC.	878	610
10*14418	5-28-1.2	G	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-25	H	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-15	I	PPG INDUSTRIES, INC.	878	610
10*26615	5-21-15.2	J	TH EXPLORATION III, LLC	1026	479
10*14418	5-21-16	K	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-13	L	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-8	M	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-7	N	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-6	O	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-5	P	PPG INDUSTRIES, INC.	878	610
10*14418	5-21-3	Q	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-34	R	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-35	S	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-36	T	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-37	U	PPG INDUSTRIES, INC.	878	610
10*14703	5-20-38	V	WHEELING POWER COMPANY	786	383
10*14418	Formerly 5-20-37.1 & 37.2	W	PPG INDUSTRIES, INC.	878	610
10*14703	5-20-39	X	WHEELING POWER COMPANY	786	383
10*14418	5-20-20.1	Y	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-40	Z	PPG INDUSTRIES, INC.	878	610
10*14458	5-20-41	AA	MARILYN SUE BUMER	731	147
10*14418	5-20-45	BB	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-44	CC	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-20	DD	PPG INDUSTRIES, INC.	878	610
10*14418	5-20-21	EE	PPG INDUSTRIES, INC.	878	610



David L Jackson

P.S.
708



TUG HILL
OPERATING

OPERATOR'S
WELL #: Goudy N-12HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV

WELL PLAT
PAGE 2 OF 2
DATE: 08/01/2019