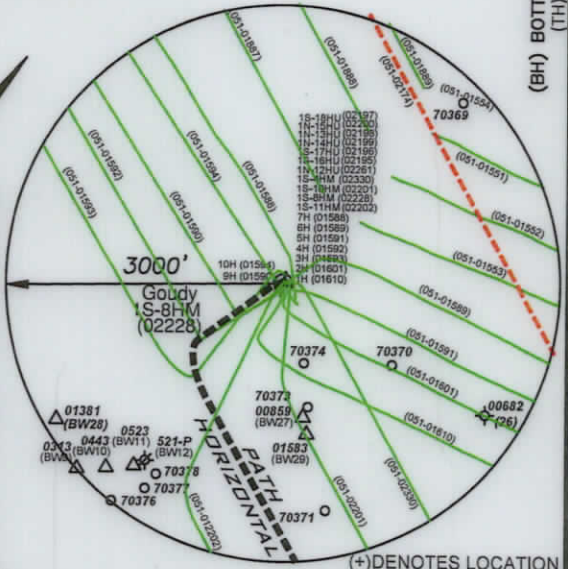
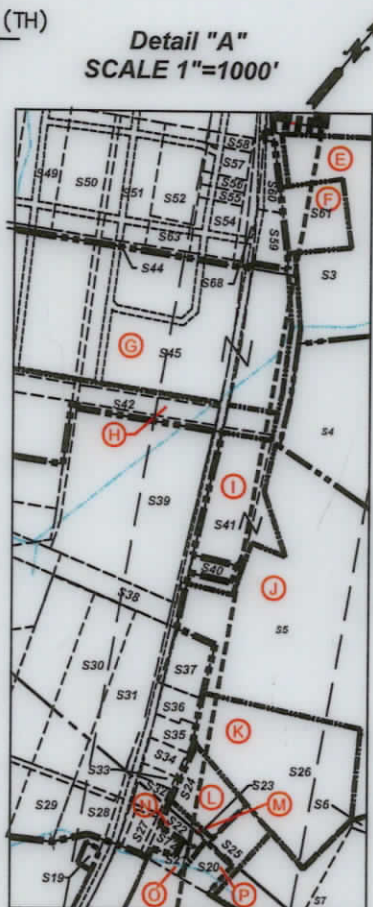
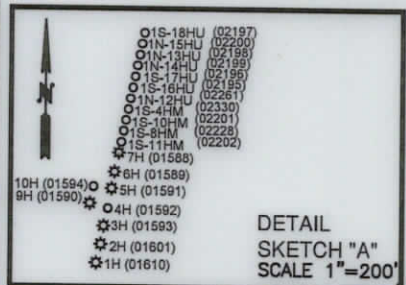
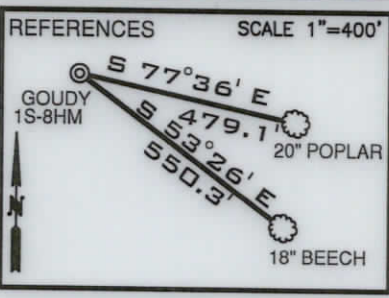


**GOUDY LEASE  
WELL 1S-8HM  
766.5487± ACRES**

TOP HOLE LATITUDE: 39°45'00"  
BOTTOM HOLE LATITUDE: 39°42'30"



- NOTES**
- 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 AUGUST, 2020. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
  - WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
  - BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058304, 0401147

**LEGEND**

- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- MARCELLUS LEGS
- UNIT BOUNDARY
- LEASE # (SEE 6A1 FORM)

LINE	BEARING	DISTANCE
L1	N 11°47' W	2288.53'
L2	S 52°53' E	1751.23'
L3	S 75°58' W	117.71'
L4	S 53°17' W	984.75'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 55°28' W	21.04'	65.60'	21.13'
C2	S 29°11' W	89.35'	131.13'	91.17'
C3	S 02°31' E	201.18'	532.88'	202.39'
C4	S 21°33' E	384.91'	1,301.48'	386.33'

**SURFACE HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,398,579.87  
E) 514,677.85

**LANDING POINT 1**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,398,189.98  
E) 514,436.21

**BOTTOM HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,394,612.13  
E) 516,503.74

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

DRAWING NUMBER GOUDY\_1S-8HM\_REV5

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/200

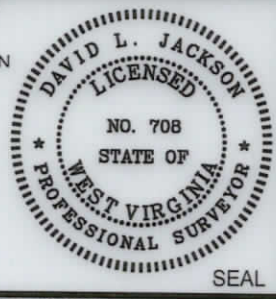
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING  
GRADE GPS

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



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

DATE: AUGUST 24, 2020

REVISED: FEBRUARY 02, 2021

OPERATORS WELL NO. GOUDY 1S-8HM

API WELL NO. 47-051-02228

STATE WV COUNTY MARSHALL PERMIT 02228

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

LOCATION ELEVATION 1242.0' 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 766.5487

OIL & GAS ROYALTY OWNER PPG INDUSTRIES, INC., ET AL. THEIR SUCCESSORS OR ASSIGNS 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 MARCELLUS ESTIMATED DEPTH TVD 6,524' TMD: 20,504'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER  
1320 SOUTH UNIVERSITY DRIVE, SUITE 500 CT CORPORATION SYSTEM  
FORT WORTH, TX 76107 ADDRESS 5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313

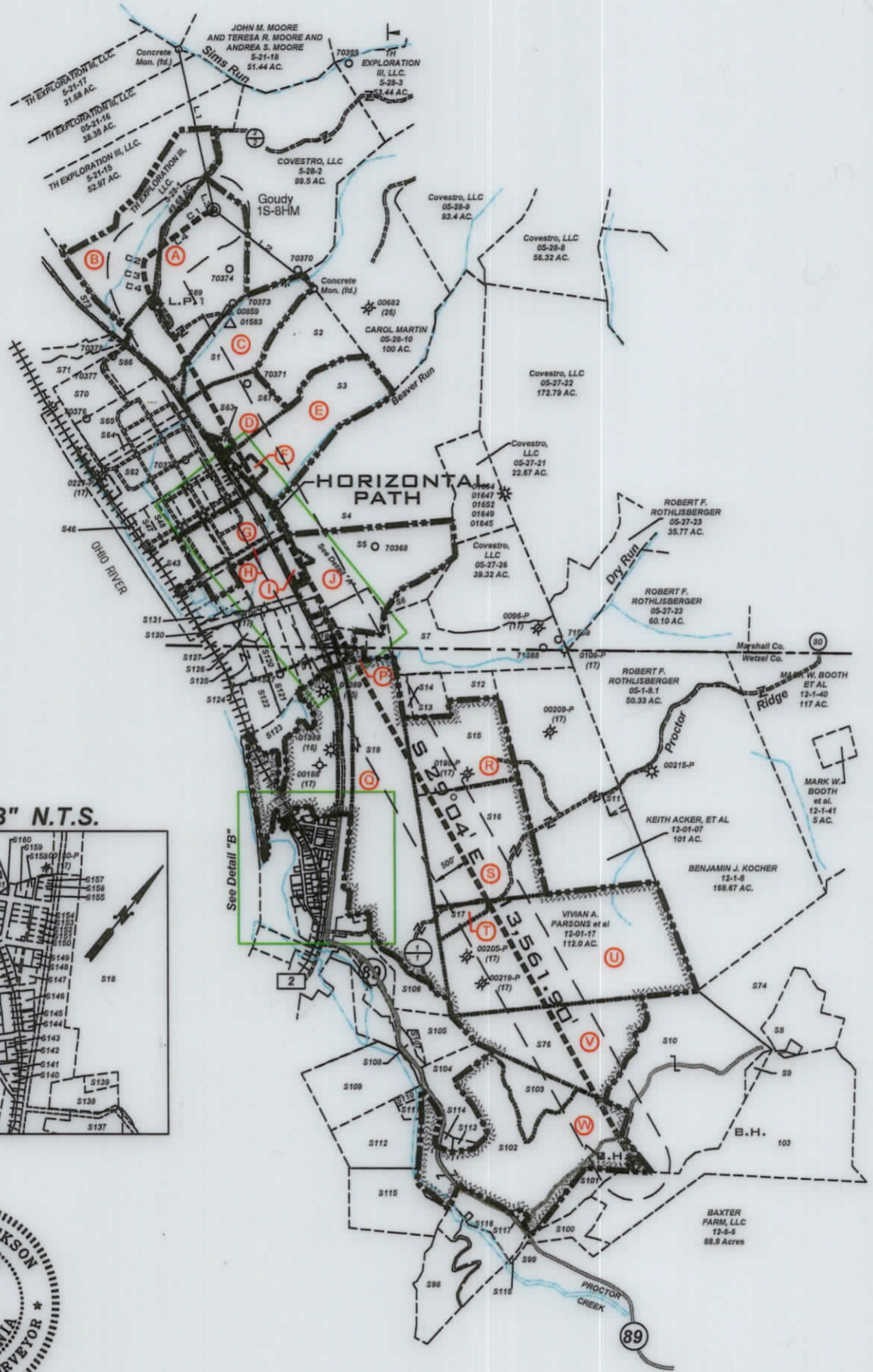
COUNTY NAME  
PERMIT

03/10/2021

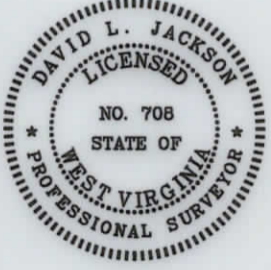
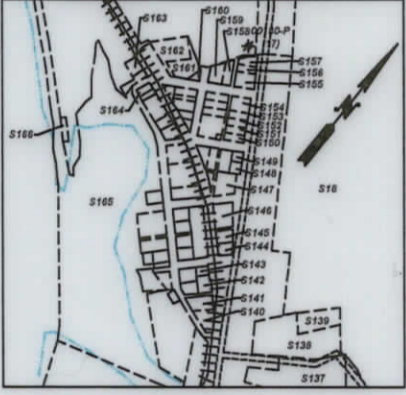


form. wws

PG 2 OF 4 **GOUDY LEASE**  
**WELL 1S-8HM**  
**766.5487± ACRES**



**Detail "B" N.T.S.**



P.S. 708 *David L Jackson*

Scale  
1" = 2000'

03/12/2021



**TUG HILL**  
**OPERATING**

OPERATOR'S  
WELL #: Goudy 1S-8HM  
DISTRICT: Franklin  
COUNTY: Marshall  
STATE: WV  
API # 47-051-02228

WELL PLAT  
PAGE 2 OF 4  
DATE: 08/24/2020  
REVISED: 02/02/2021