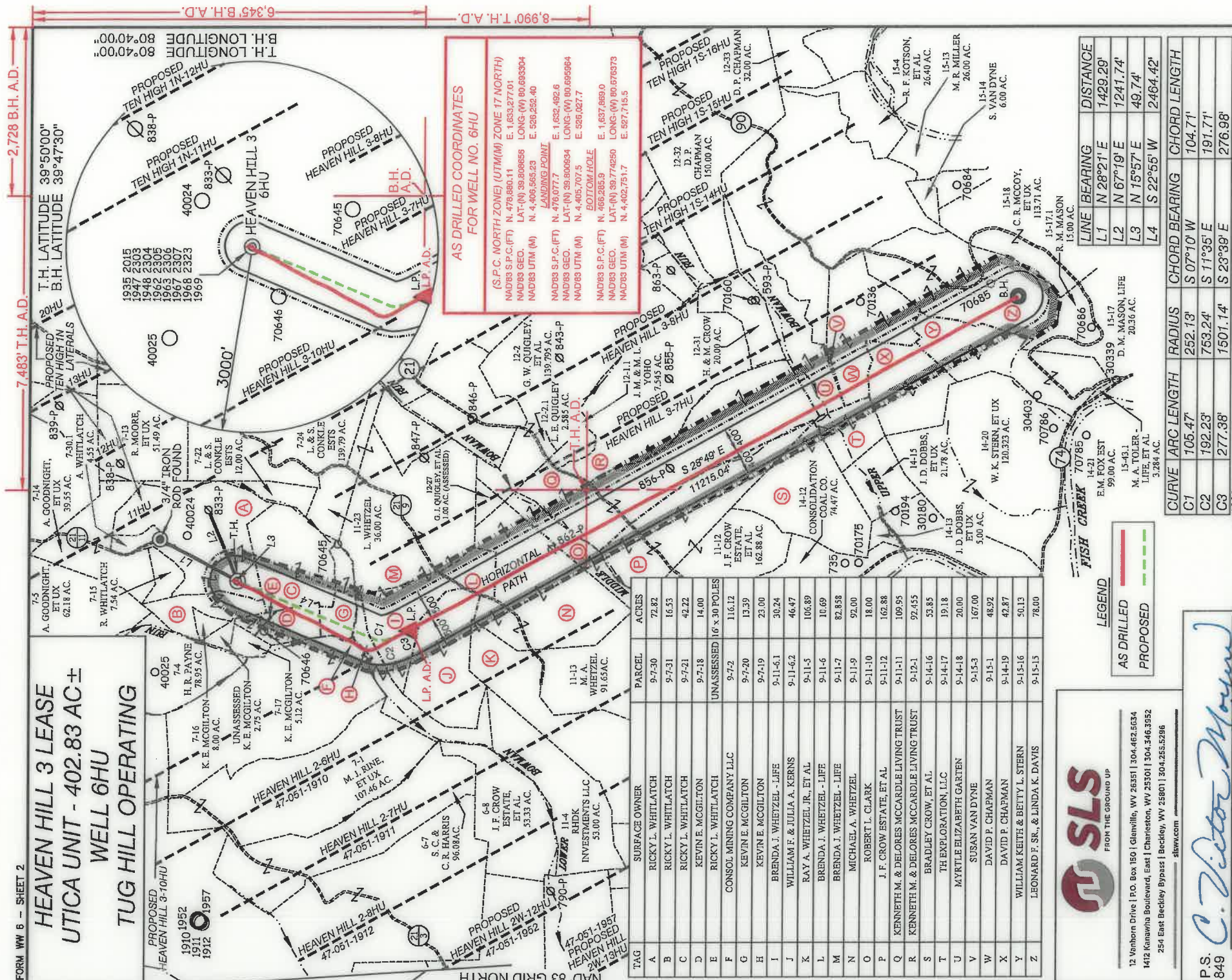


**HEAVEN HILL 3 LEASE  
UTICA UNIT - 402.83 AC ±  
WELL 6HU  
TUG HILL OPERATING**



**AS DRILLED COORDINATES  
FOR WELL NO. 6HU**

(S.P.C. NORTH ZONE) (UTM) ZONE 17 (NORTH)  
 NAD83 S.P.C. (FT) N. 478,880.11 E. 1,633,277.01  
 NAD83 GEO. LAT-(N) 39.808656 LONG-(W) 80.686304  
 NAD83 UTM (M) N. 4,406,565.23 E. 526,252.40

LANDING POINT  
 NAD83 S.P.C. (FT) N. 476,077.7 E. 1,632,482.6  
 NAD83 GEO. LAT-(N) 39.800624 LONG-(W) 80.695964  
 NAD83 UTM (M) N. 4,405,707.5 E. 526,027.7

BOTTOM HOLE  
 NAD83 S.P.C. (FT) N. 466,285.9 E. 1,637,869.0  
 NAD83 GEO. LAT-(N) 39.774250 LONG-(W) 80.676373  
 NAD83 UTM (M) N. 4,402,751.7 E. 527,715.5

TAG	SURFACE OWNER	ACRES
A	RICKY L. WHITLATCH	72.82
B	RICKY L. WHITLATCH	16.53
C	RICKY L. WHITLATCH	42.22
D	KEVIN E. MCGILTON	14.00
E	RICKY L. WHITLATCH	UNASSESSED 16 x 30 POLES
F	CONSOL MINING COMPANY LLC	9-7-2 116.12
G	KEVIN E. MCGILTON	9-7-20 13.39
H	KEVIN E. MCGILTON	9-7-19 23.00
I	BRENDA J. WHEITZEL - LIFE	9-11-6.1 30.24
J	WILLIAM F. & JULIA A. KERNS	9-11-6.2 46.47
K	RAY A. WHEITZEL JR., ET AL	9-11-5 106.89
L	BRENDA J. WHEITZEL - LIFE	9-11-6 10.69
M	BRENDA J. WHEITZEL - LIFE	9-11-7 82.858
N	MICHAEL A. WHEITZEL	9-11-9 92.00
O	ROBERT L. CLARK	9-11-10 18.00
P	J. F. CROW ESTATE, ET AL	9-11-12 162.88
Q	KENNETH M. & DELORES MCCARDLE LIVING TRUST	9-11-11 109.95
R	KENNETH M. & DELORES MCCARDLE LIVING TRUST	9-12-1 92.455
S	BRADLEY CROW, ET AL	9-14-16 33.85
T	TH EXPLORATION, LLC	9-14-17 19.18
U	MYRTLE ELIZABETH GARTEN	9-14-18 20.00
V	SUSAN VAN DYNE	9-15-3 167.00
W	DAVID P. CHAPMAN	9-15-1 48.92
X	DAVID P. CHAPMAN	9-14-19 42.87
Y	WILLIAM KEITH & BETTY L. STERN	9-15-16 50.13
Z	LEONARD F. SR., & LINDA K. DAVIS	9-15-15 78.00

**SLS**  
FROM THE GROUND UP

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.5634  
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3552  
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
 sls.com

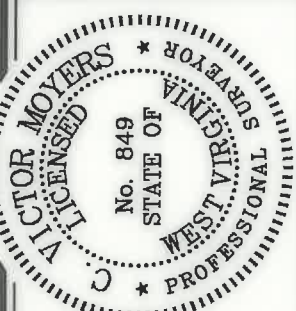
P.S. 849  
*C. Victor Moyers*

**LEGEND**  
 AS DRILLED (Red solid line)  
 PROPOSED (Dashed line)

LINE	BEARING	DISTANCE
L1	N 28°21' E	1429.29'
L2	N 67°19' E	1241.74'
L3	N 15°57' E	49.74'
L4	S 22°55' W	2464.42'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	105.47'	252.13'	S 07°10' W	104.71'
C2	192.23'	753.24'	S 11°35' E	191.71'
C3	277.38'	1501.14'	S 23°39' E	276.98'



STATE OF WEST VIRGINIA  
 DIVISION OF  
 ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

SCALE 1" = 2000'  
 FILE NO. 8654P6HUADR.dwg  
 DATE JANUARY 17, 2019  
 REVISED JUNE 12, 2020  
 OPERATORS WELL NO. HEAVEN HILL 3-6HU  
 API WELL NO. 47-051-01968  
 NO. STATE COUNTY PERMIT

(\*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

**LEGEND**  
 UNIT BOUNDARY (Dashed line)  
 LEASED TRACTS INSIDE UNIT BOUNDARY (Dotted line)  
 SURFACE LINE (Solid line)  
 PROPOSED UTICA (Dashed line)  
 WELL LATERAL (Dashed line)  
 400' OFFSET LINE (Dashed line)  
 500' OFFSET LINE (Dashed line)  
 TIE LINE (Dashed line)  
 CREEK (Dashed line)  
 ROAD (Dashed line)  
 COUNTY ROUTE (Dashed line)  
 PROPOSED WELL (Dashed line)  
 EXISTING WELL (Dashed line)  
 PERMITTED WELL (Dashed line)  
 SURFACE OWNER (SEE TABLE) (Dashed line)  
 LEASE # (SEE SHEETS 1, 3, & 4) (Dashed line)

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

7,483' T.H.A.D. 2,728 B.H.A.D.

HEAVEN HILL 3 LEASE  
UTICA UNIT - 402.83 AC ±  
WELL 6HU  
TUG HILL OPERATING

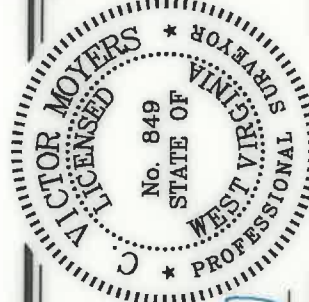
Table with columns: NO., Lease Name or No., Fee, Parcel, Oil and Gas Reg. #, Owner, Deed Book, Page. Lists various leaseholders and their associated deed information.

NOTES ON SURVEY

- 1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL...
2. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'
3. PROPOSED LATERAL OR TOP HOLE OF HEAVEN HILL 3-6HU IS WITHIN 3000' OF THE TOP HOLES OR LATERALS OF API'S 47-051-1910, 47-051-1911 AND PROPOSED WELLS HEAVEN HILL 3-7HU HEAVEN HILL 3-8HU HEAVEN HILL 3-10HU, TEN HIGH 1S-14HU, TEN HIGH 1N-11HU, AND TEN HIGH 1N-12HU.
4. AS-DRILLED DATA PROVIDED BY TUG HILL OPERATING, LLC.
5. PLAT UPDATED TO SHOW AS-DRILLED PATH.

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD'83 S.P.C.(FT) N. 478,980.11 E. 1,633,277.01
NAD'83 GEO. LAT.-(N) 39.808656 LONG.-(W) 80.689304
NAD'83 UTM (M) N. 4,406,565.23 E. 526,252.40
LANDING POINT
NAD'83 S.P.C.(FT) N. 476,112.7 E. 1,632,467.4
NAD'83 GEO. LAT.-(N) 39.801030 LONG.-(W) 80.686055
NAD'83 UTM (M) N. 4,405,718.0 E. 526,019.8
BOTTOM HOLE
NAD'83 S.P.C.(FT) N. 466,286.9 E. 1,637,873.9
NAD'83 GEO. LAT.-(N) 39.774253 LONG.-(W) 80.678956
NAD'83 UTM (M) N. 4,402,752.0 E. 527,717.0

T.H. LONGITUDE 80°40'00"
B.H. LONGITUDE 80°40'00"
8,990' T.H.A.D.
6,345' B.H.A.D.



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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. Victor Moyers
849

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JANUARY 17, 20 19
REVISED JUNE 12, 20 20
OPERATORS WELL NO. HEAVEN HILL 3-6HU
API WELL NO. 47-051-01968
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500
FILE NO. 8654P6HUADR.dwg
SCALE 1" = 2000'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS X INJECTION WASTE LIQUID IF
LOCATION: ELEVATION PROPOSED = 1,326.35' WATERSHED LOWER BOWMAN RUN OF FISH CREEK (HUC 10)
DISPOSAL "GAS" PRODUCTION X STORAGE DEEP X SHALLOW
GROUND = 1,338.50'

DISTRICT MEADE COUNTY MARSHALL
SURFACE OWNER RICKY L. WHITLATCH
ROYALTY OWNER RICKY L. WHITLATCH, ET AL - SEE SHEETS 1, 3, & 4

PROPOSED WORK:
DRILL X CONVERT DRILL DEEPER REDRILL
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION POINT PLEASANT

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

HEAVEN HILL 3 LEASE  
UTICA UNIT - 402.83 AC ±  
WELL 6HU  
TUG HILL OPERATING

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.6534  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
slswm.com

Table with columns: NO., Lease Name or No., Well, Permit, Oil and Gas Property Owner/Contributed, Dead Book#, Page, and Operator. Lists lease details for various wells including MAURYN BJE BUNKER, MICHAEL DAVID PILES AND CYNTHIA A PILES, etc.

Table with columns: NO., Lease Name or No., Well, Permit, Oil and Gas Property Owner/Contributed, Dead Book#, Page, and Operator. Continuation of lease details from the previous table.

DATE JANUARY 17, 20 19  
REVISED JUNE 12, 20 20  
OPERATORS WELL NO. HEAVEN HILL 3-6HU  
API WELL NO. 47-051-01968  
STATE COUNTY PERMIT  
WELL OPERATOR TUG HILL OPERATING, LLC  
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500  
FORT WORTH, TX 76107

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
Professional Seal: VICTOR MOYERS, No. 849, STATE OF WEST VIRGINIA, LICENSED SURVEYOR  
DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313



COUNTY NAME PERMIT

