

**KEITH STERN N LEASE  
UTICA UNIT - 452.76 AC±  
WELL 14HU  
TUG HILL OPERATING**

T.H. LATITUDE 39°47'30"  
B.H. LATITUDE 39°47'30"

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'83 S.P.C.(FT)	N. 466,543.66	E. 1,633,427.68
NAD'83 GEO.	LAT-(N) 39.774797	LONG-(W) 80.692185
NAD'83 UTM (M)	N. 4,402,807.63	E. 526,361.11

**LANDING POINT**

NAD'83 S.P.C.(FT)	N. 465,724.3	E. 1,633,818.3
NAD'83 GEO.	LAT-(N) 39.772562	LONG-(W) 80.690757
NAD'83 UTM (M)	N. 4,402,560.0	E. 526,484.3

**BOTTOM HOLE**

NAD'83 S.P.C.(FT)	N. 471,656.9	E. 1,630,612.5
NAD'83 GEO.	LAT-(N) 39.788730	LONG-(W) 80.702444
NAD'83 UTM (M)	N. 4,404,351.1	E. 525,477.4

T.H. LONGITUDE 80°40'00"  
B.H. LONGITUDE 80°40'00"  
6,146' T.H.A.D. 1,068' B.H.A.D.

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-10-12	RAY A. WHETZAL, JR., ET AL	36.51
9-11-3	RAY A. WHETZAL, JR., ET AL	33.33
9-13-11.1	SAMUEL & HEATHER SUHODOLSKI	0.49
9-13-14	MARGARET K. FOX - LIFE	3.00
9-14-1.2	KENNETH N. & TERESA A. SMERTNECK	1.02
9-14-3	MICHAEL L. ALVAREZ	NORTH P/O 3 PCLS
9-14-4	MICHAEL L. ALVAREZ	3 PCLS & 1/8 AC.
9-14-5	MICHAEL L. ALVAREZ	200 X 60 PCL
9-14-6	MICHAEL L. ALVAREZ	120 X 200 PCL
9-14-7	JOHN T. ERAZMUS, III	0.25
9-14-8	JOHNNY C. HOLCOMB & JOHNNY C. HOLCOMB, II	2/5 AC.
9-14-9	JOHN E. DUFFY, ET UX	2/5 AC.
9-14-10	ROBERT I. DUFFY - LIFE	25/100 AC.
9-14-11.1	PATRICK J. SCHELLHASE EST - TRUST	7.617
9-14-11.2	LOYE A. BLAKE	4.00
9-14-20.2	WILLIAM K. STERN, ET UX	1.525
9-14-26	PATRICK J. SCHELLHASE EST - TRUST	12.588
9-14-27	PATRICK J. SCHELLHASE EST - TRUST	3.004
9-14-28	CHARLES R. SCHELLHASE, ET UX	3.029
9-14-45	GEORGE R. TAYLOR, ET UX	10.98
9-14-46.1	MARHA JANE FAZZARO	1.512
9-15-40.1	ADAM WALTER BARTOSZEWICZ	13.50
9-15-43	PHILLIP L. MCCABE	11.716
9-17-4.1	DAVID M. FRABRIZIO	5.780
9-17-4.4	MARGARET A. TOLER - LIFE	1.318

T.H. A.D.

**NOTES ON SURVEY**

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'
- PROPOSED LATERAL OR TOP HOLE OF KEITH STERN N-14HU IS WITHIN 3000' OF THE TOP HOLES OR LATERALS OF THE FOLLOWING: PROPOSED KEITH STERN N-13HU, 15HU & 16HU, PROPOSED KEITH STERN S-17HU, 18HU & 19HU, PROPOSED KNOB CREEK N-13HU, PROPOSED KNOB CREEK S-16HU, HEAVEN HILL 2W-12HU (47-051-01952), HEAVEN HILL 2W-13HU (47-051-01957), HEAVEN HILL 2-6HU (47-051-01910), HEAVEN HILL 2-7HU (47-051-01911) & HEAVEN HILL 2-8HU (47-051-01912)
- AS-DRILLED DATA PROVIDED BY TUG HILL OPERATING, LLC.
- PLAT UPDATED TO SHOW AS-DRILLED PATH.

**AS DRILLED COORDINATES FOR WELL NO. 14HU**

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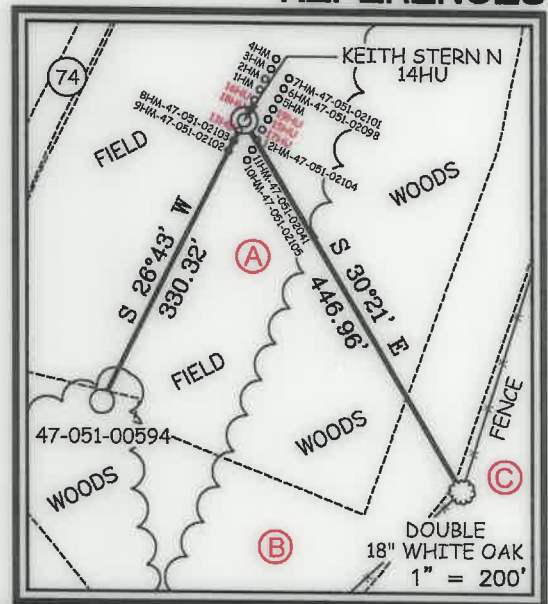
**LANDING POINT**

NAD'83 S.P.C.(FT)	N. 465,974.6	E. 1,633,687.0
NAD'83 GEO.	LAT-(N) 39.773244	LONG-(W) 80.691236
NAD'83 UTM (M)	N. 4,402,635.6	E. 526,443.0

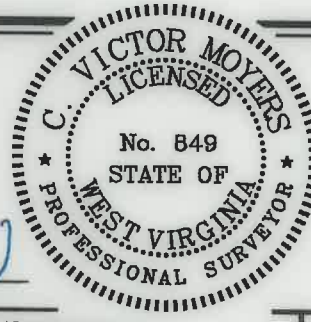
**BOTTOM HOLE**

NAD'83 S.P.C.(FT)	N. 471,656.5	E. 1,630,615.9
NAD'83 GEO.	LAT-(N) 39.788734	LONG-(W) 80.702432
NAD'83 UTM (M)	N. 4,404,351.6	E. 525,476.4

**REFERENCES**



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.6334  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3332  
254 East Beckley Bypass | Beckley, WV 25801 | 304.235.5296  
slsww.com



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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 849 *C. Victor Moyers*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE JUNE 11, 20 20  
REVISED \_\_\_\_\_  
OPERATORS WELL NO. KEITH STERN N-14HU  
API WELL NO. 47 - 051 - 2252  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8811P14HUAD.dwg  
KEITH STERN N-14HU-REV3  
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

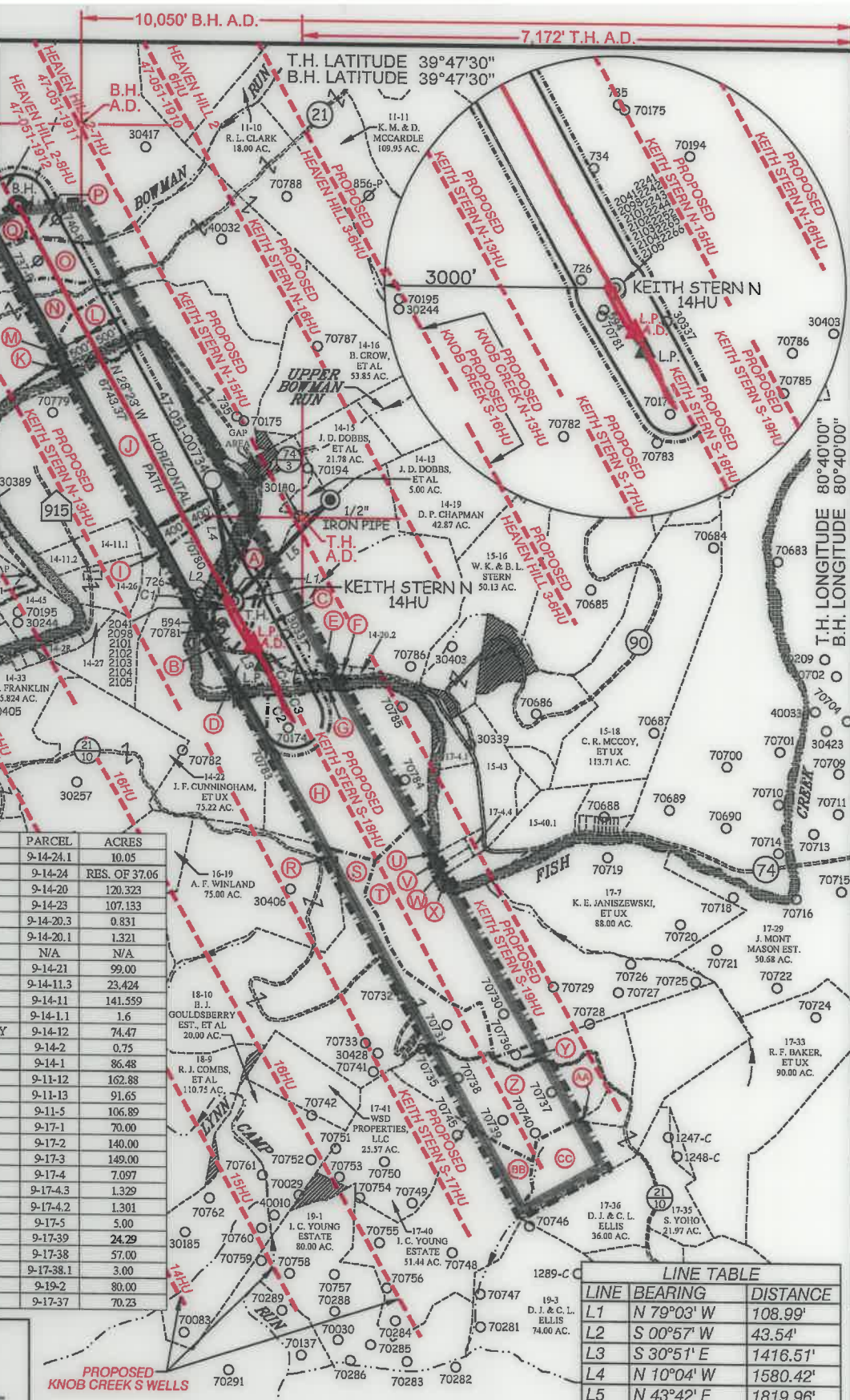
WELL TYPE: OIL  GAS  INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION:  
ELEVATION 744.65' WATERSHED FISH CREEK (HUC 10)  
DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'  
SURFACE OWNER TH EXPLORATION, LLC ACREAGE 10.05±  
ROYALTY OWNER TH EXPLORATION, LLC, ET AL - SEE WW-6A1 ACREAGE 10.05±  
PROPOSED WORK:  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER   
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION POINT PLEASANT  
ESTIMATED DEPTH TVD: 11,381' / TMD: 18,819'

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

COUNTY NAME PERMIT

**KEITH STERN N LEASE  
UTICA UNIT - 452.76 AC±  
WELL 14HU  
TUG HILL OPERATING**



HEAVEN HILL 2-8HU  
HEAVEN HILL 2-9HU  
HEAVEN HILL 2-10HU  
HEAVEN HILL 2-11HU  
HEAVEN HILL 2-12HU  
HEAVEN HILL 2-13HU  
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HEAVEN HILL 2-98HU  
HEAVEN HILL 2-99HU  
HEAVEN HILL 2-100HU

**LEGEND**  
AS DRILLED ———  
PROPOSED - - - - -

TAG	SURFACE OWNER	PARCEL	ACRES
A	TH EXPLORATION, LLC	9-14-24.1	10.05
B	WILLIAM K. STERN, ET UX	9-14-24	RES. OF 37.06
C	WILLIAM K. STERN, ET UX	9-14-20	120.323
D	WILLIAM K. STERN, ET UX	9-14-23	107.133
E	WILLIAM K. STERN, ET UX	9-14-20.3	0.831
F	WILLIAM K. STERN, ET UX	9-14-20.1	1.321
G	STATE OF WEST VIRGINIA (FISH CREEK)	N/A	N/A
H	ELEANOR M. FOX ESTATE	9-14-21	99.00
I	PATRICK J. SCHELLEHASE EST TRUST	9-14-11.3	23.424
J	HOY GLENN CROW	9-14-11	141.559
K	MICHAEL L. ALVAREZ	9-14-1.1	1.6
L	CONSOLIDATION COAL COMPANY MURRAY ENERGY	9-14-12	74.47
M	MICHAEL L. ALVAREZ	9-14-2	0.75
N	SAMUEL & HEATHER SUHODOLSKI	9-14-1	86.48
O	J. E. CROW ESTATE, ET AL	9-11-12	162.88
P	MICHAEL A. WHETZEL	9-11-13	91.65
Q	RAY A. WHETZEL, JR., ET AL	9-11-5	106.89
R	DAVID P. WARSINSKY & ELLEN K. NYLES	9-17-1	70.00
S	I. C. YOUNG ESTATE	9-17-2	140.00
T	KENNETH E. JANISZEWSKI, ET UX	9-17-3	149.00
U	PHILLIP L. MCCABE	9-17-4	7.097
V	SYLVIA JEAN NEEHOUSE	9-17-4.3	1.329
W	RICKY E. DAVIS	9-17-4.2	1.301
X	KENNETH E. JANISZEWSKI, ET UX	9-17-5	5.00
Y	KENNETH E. JANISZEWSKI, ET UX	9-17-39	24.29
Z	KENNETH E. JANISZEWSKI, ET UX	9-17-38	57.00
AA	RYAN J. & MICHELLE L. RIDDLER	9-17-38.1	3.00
BB	DANIEL J. & CINDY L. ELLIS	9-19-2	80.00
CC	RYAN J. & MICHELLE L. RIDDLER	9-17-37	70.23

**SLS**  
FROM THE GROUND UP

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SCALE 1" = 2000' FILE NO. 8811P14HUAD.dwg  
KEITH STERN N-14HU-REV3

DATE JUNE 11, 2020

REVISED \_\_\_\_\_

OPERATORS WELL NO. KEITH STERN N-14HU

API WELL NO. 47 - 051 - 2252

STATE COUNTY PERMIT

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

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

**LEGEND**

- UNIT BOUNDARY
- LEASED TRACTS INSIDE
- UNIT BOUNDARY
- SURFACE LINE
- PROPOSED UTICA
- WELL LATERAL
- 400' OFFSET LINE
- 500' OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE ADDITIONAL SHEETS)

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

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slswv.com

Table with 7 columns: No., Lease ID, Tag, Parcel, Grantor, Lessor, Etc., Deed Book/Page. Lists lease details for various parcels.

RECEIVED  
Office of Oil and Gas

SEP 30 2022

WV Department of Environmental Protection

FILE NO. 8811P14HUAD.dwg  
KEITH STERN N-14HU-REV3

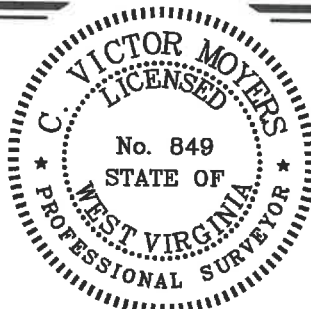
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STATE COUNTY PERMIT

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



10/27/2022

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slsv.com

Table with 7 columns: Well ID, Operator, Lease, Date, Name, Well ID, and 333. Lists various well records including Marcia A Luke, Jennifer Alley Fisher, etc.

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SEP 30 2022

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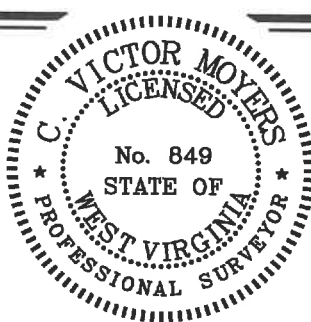
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STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS



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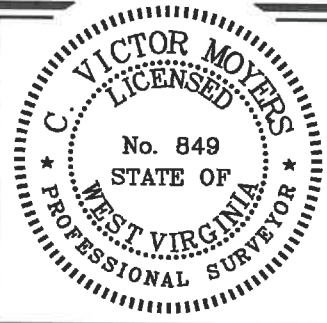
Table with 5 columns: Well ID, Lease ID, Status, Date, and Owner Name. Lists well details for well 14HU, including owners like DAVID E CROW, FRANCES COFFEY, KAY KEYES, etc.

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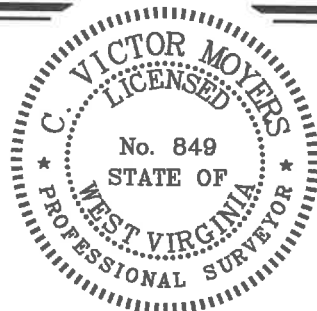
Table with columns for well ID, status, date, owner name, and well ID. Lists various mineral owners and their associated well identifiers.

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COUNTY NAME PERMIT

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CT CORPORATION SYSTEM  
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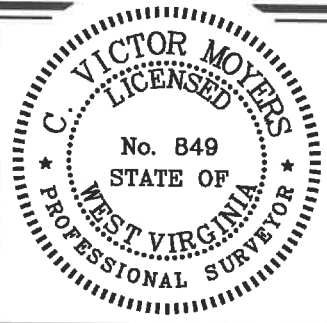
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402	10*18193	U	9-17-4	CAROLYN LEE FUREY AND MARTIN J FUREY	949	158
403	10*18194	U	9-17-4	PAMELA BEYLER AND CHAD R BEYLER	928	680
404	10*18197	U	9-17-4	BARBARA K BURLEY AND DAVID K BURLEY	928	641
405	10*18198	U	9-17-4	MARY THERESA SOLEAU AND THOMAS SOLEAU	928	643
406	10*18199	U	9-17-4	LAWRENCE J VAUGHN AND GAIL L VAUGHN	928	532
407	10*18260	U	9-17-4	GEMMA RUDY AND TIMOTHY RUDY	928	584
408	10*18295	U	9-17-4	THOMAS R BAKER AND VICKIE L BAKER	929	262
409	10*18298	U	9-17-4	MAUREEN GREGG	929	273
410	10*18300	U	9-17-4	ROBERT W ODOM AND CASSANDRA L ODOM	929	283
411	10*18361	U	9-17-4	MARY JO CAIN	931	407
412	10*18417	U	9-17-4	CHERYL L HILL	932	577
413	10*18487	U	9-17-4	NANCY L STANGEL AND JOHN J STANGEL	933	113
414	10*18488	U	9-17-4	CHARLINE M ENGLE AND KEVIN E ENGLE	933	118
415	10*18508	U	9-17-4	PATRICIA LUANNE BONAR	925	351
416	10*18517	U	9-17-4	LORI SHANAHAN AND PATRICK SHANAHAN	933	575
417	10*18613	U	9-17-4	JANE LOUISE CAIN AND DANIEL CARL HOLTZ	934	603
418	10*18655	U	9-17-4	PATRICIA L LEHN	936	95
419	10*18656	U	9-17-4	PAMELA CALL	936	100
420	10*18658	U	9-17-4	ELIZABETH JANE KELLER	936	107
421	10*18659	U	9-17-4	CATHERINE P MASON	936	112
422	10*18799	U	9-17-4	CHARLES J DARMAFALL DECEASED	937	634
423	10*18805	U	9-17-4	CINDY STEVENS TOZIER	937	628
424	10*19373	U	9-17-4	JESSICA WHEATON	931	411
425	10*19403	U	9-17-4	LAWRENCE R LOTZ	951	114
426	10*19404	U	9-17-4	HOWARD M CAIN AND EMMA JEAN CAIN	939	283
427	10*19476	U	9-17-4	WINONA RIDDLE	941	331
428	10*19689	U	9-17-4	EDMOND TURGEON JR AND CATHY STEVENS TURGEON	944	156
429	10*19702	U	9-17-4	WV MINERALS INC	951	108
430	10*19718	U	9-17-4	CHRISTOPHER DAUGHERTY & JENNIFER R DAUGHERTY	944	412
431	10*19879	U	9-17-4	MARY V GILSON AND WALTER M GILSON	945	588
432	10*19933	U	9-17-4	MARY ANN GRIFFITH	948	555
433	10*19937	U	9-17-4	JAMES D STEVENS AND DOROTHY M STEVENS	949	151
434	10*19938	U	9-17-4	JOHN H STEVENS AND LYNDA L STEVENS	949	144
435	10*21026	U	9-17-4	NANCY M MORGAN	951	110
436	10*21211	U	9-17-4	NILA JEAN BAYLES	951	118
437	10*21841	U	9-17-4	ENERGY DEEP RESOURCES INC	959	631
438	10*21842	U	9-17-4	JOSEPH NOKOVICH	959	635
439	10*21927	U	9-17-4	BLACK GOLD GROUP LTD	964	474
440	10*21940	U	9-17-4	ALYSIA JORDAN & TERRY M JORDAN	953	346
441	10*22376	U	9-17-4	MARGARET KUCHARZ AND JAMES C KUCHARZ	962	270
442	10*22412	U	9-17-4	CHAD E LONGFELLOW	963	124
443	10*22599	U	9-17-4	BRYANT R SWIFT AND KATHY SWIFT	966	456
444	10*22776	U	9-17-4	JAMES ROBERT WELLS	970	19
445	10*22849	U	9-17-4	NEIL MCELROY AND SUE MASON MCELROY	977	44
446	10*22851	U	9-17-4	JOHN J HELLSTERN AND LYNN D HELLSTERN	977	39
447	10*22853	U	9-17-4	RONALD LEE HENSLEY AND MARY ANN HENSLEY	977	34
448	10*23076	U	9-17-4	JACK R BERISFORD AKA RANDY BERISFORD	984	43
449	10*23260	U	9-17-4	IDA M TRAVIS ET AL DAVID C WHITE AS SPECIAL COMMISSIONER	988	73
450	10*23568	U	9-17-4	THE ESTATE OF RUTH N LUTHER SUZANNE L WOZNIAK EXECUTRIX	1009	286
451	10*47051.219.1	U	9-17-4	DAVID LEE FRANKLIN	874	312
452	10*47051.219.27	U	9-17-4	MARSHA BERISFORD	902	425
453	10*47051.219.33	U	9-17-4	JOHN H HILKE AND ALIDA HILKE	898	602
454	10*47051.219.36	U	9-17-4	GAREN MCDOWELL AND ELIZABETH MCDOWELL	898	615
455	10*47051.219.37	U	9-17-4	SUSAN H KEY	898	621
456	10*47051.219.38	U	9-17-4	TIMOTHY MCDOWELL AND CYNTHIA MCDOWELL	902	431
457	10*47051.219.39	U	9-17-4	ALICE THIPPHAVONG AND VISITH THIPPHAVONG	902	437
458	10*15836	V	9-17-4.3	LUCINDA RAE ALLEN AND DAVID A ALLEN	742	79
459	10*15837	V	9-17-4.3	ANITA DIANE ANTILL AND TERRY ANTILL	742	85
460	10*15842	V	9-17-4.3	HOMER L SIMMONS AND GLADYS R SIMMONS	742	329
461	10*16007	V	9-17-4.3	MARY LOU KITTELBERGER AND FREDERICK W KITTELBERGER	799	436
462	10*16008	V	9-17-4.3	DONNA KAY ALLEN AND ROGER ALLEN	801	222
463	10*17169	V	9-17-4.3	ALMA L VAN SCYOC	692	404
464	10*17171	V	9-17-4.3	OPAL MCKEY	690	631
465	10*17173	V	9-17-4.3	LLOYD R EVANS	694	526
466	10*17500	V	9-17-4.3	TRACY L AND KEITH W BARNBY	915	116
467	10*17666	V	9-17-4.3	LULA FAYE BONAHE SNODGRASS AND DONALD T SNODGRASS	949	172
468	10*17673	V	9-17-4.3	JAMES PERRY COCHRAN	932	567
469	10*17707	V	9-17-4.3	JACQUELYN S FERRARI AND JOHN C FERRARI	949	177
470	10*17709	V	9-17-4.3	CAROL GONGOLA	949	167
471	10*17765	V	9-17-4.3	ROBERTA YOUNG	949	163
472	10*17840	V	9-17-4.3	RONALD D KOONTZ & BETH ANN KOONTZ	942	432
473	10*17886	V	9-17-4.3	ANNETTE CAIN HANKINS AND HOWARD RONALD HANKINS	924	536
474	10*17887	V	9-17-4.3	LEO C HILKE AND BETTY M HILKE	924	531
475	10*17977	V	9-17-4.3	BRANNEN DAUGHERTY	925	359
476	10*17980	V	9-17-4.3	ANITA RAE MILLER	925	370
477	10*17981	V	9-17-4.3	MICHAEL E SWIFT AND MELODY A SWIFT	925	372
478	10*18031	V	9-17-4.3	LEE ANNE MILLER	927	222
479	10*18092	V	9-17-4.3	DAVID MCDOWELL AND CRYSTAL MCDOWELL	927	283
480	10*18093	V	9-17-4.3	JENNIFER WHEATON	927	289
481	10*18094	V	9-17-4.3	BONNIE GRISELL	927	231
482	10*18095	V	9-17-4.3	TEXYN L MILLER AND GEORGIA A MILLER	927	287
483	10*18098	V	9-17-4.3	LISA ANN MCDOWELL AND ROBERT JOSEPH HILL	939	263
484	10*18099	V	9-17-4.3	RAE ELLEN FLOYD AND KENNETH FLOYD	927	233
485	10*18107	V	9-17-4.3	ANITA MAE MASON	927	238
486	10*18167	V	9-17-4.3	NEIL CALL AND MELINDA CALL	927	492
487	10*18168	V	9-17-4.3	SANDRA YANAGAWA	927	498
488	10*18169	V	9-17-4.3	KAREN K WILLIAMS	927	628
489	10*18170	V	9-17-4.3	KAREN MCDOWELL CECIL AND JAMES E CECIL	927	633
490	10*18192	V	9-17-4.3	STEPHEN S MASON AND CAROLE K MASON	928	625
491	10*18193	V	9-17-4.3	CAROLYN LEE FUREY AND MARTIN J FUREY	949	158
492	10*18194	V	9-17-4.3	PAMELA BEYLER AND CHAD R BEYLER	928	680
493	10*18197	V	9-17-4.3	BARBARA K BURLEY AND DAVID K BURLEY	928	641
494	10*18198	V	9-17-4.3	MARY THERESA SOLEAU AND THOMAS SOLEAU	928	643
495	10*18199	V	9-17-4.3	LAWRENCE J VAUGHN AND GAIL L VAUGHN	928	532
496	10*18260	V	9-17-4.3	GEMMA RUDY AND TIMOTHY RUDY	928	584
497	10*18295	V	9-17-4.3	THOMAS R BAKER AND VICKIE L BAKER	929	262
498	10*18298	V	9-17-4.3	MAUREEN GREGG	929	273
499	10*18300	V	9-17-4.3	ROBERT W ODOM AND CASSANDRA L ODOM	929	283
500	10*18361	V	9-17-4.3	MARY JO CAIN	931	407
501	10*18417	V	9-17-4.3	CHERYL L HILL	932	577
502	10*18487	V	9-17-4.3	NANCY L STANGEL AND JOHN J STANGEL	933	113

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SEP 30 2022  
WV Department of  
Environmental Protection



FILE NO. 8811P14HUAD.dwg  
KEITH STERN N-14HU-REV3

DATE JUNE 11, 20    20   

REVISED           

OPERATORS WELL NO. KEITH STERN N-14HU

API WELL NO. 47 — 051 — 2252

NO. STATE COUNTY PERMIT

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

10/27/2022

P.S. 849 *C. Victor Moyers*

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

COUNTY NAME  
PERMIT

KEITH STERN N LEASE  
UTICA UNIT - 452.76 AC±  
WELL 14HU  
TUG HILL OPERATING



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
1412 Kenawha Boulevard, East | Charleston, WV 25301 | 304.345.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
sfsww.com

Table with 4 columns: Well ID, Status, Date, and Owner Name. Lists various well owners and their corresponding well identifiers.

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Office of Oil and Gas

SEP 30 2022

WV Department of  
Environmental Protection

FILE NO. 8811P14HUAD.dwg

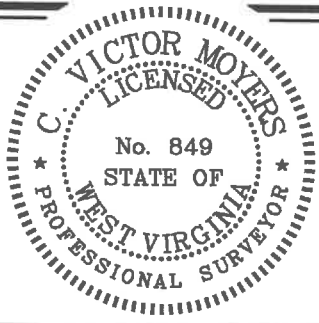
KEITH STERN N-14HU-REV3

DATE JUNE 11, 20 20

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



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1432 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
sleuv.com

604	10*19404	W	9-17-4.2	HOWARD M CAIN AND EMMA JEAN CAIN	939	283
605	10*19476	W	9-17-4.2	WINONA RIDDLE	941	331
606	10*19689	W	9-17-4.2	EDMOND TURGEON JR AND CATHY STEVENS TURGEON	944	156
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628	10*23668	W	9-17-4.2	THE ESTATE OF RUTH N LUTHER SUZANNE L WOZNIAKiewicz	1009	286
629	10*47051.219.1	W	9-17-4.2	DAVID LEE FRANKLIN	874	312
630	10*47051.219.27	W	9-17-4.2	MARSHA BERISFORD	902	425
631	10*47051.219.33	W	9-17-4.2	JOHN H HILKE AND ALIDA HILKE	896	602
632	10*47051.219.36	W	9-17-4.2	GAREN MCDOWELL AND ELIZABETH MCDOWELL	898	615
633	10*47051.219.37	W	9-17-4.2	SUSAN H KEY	898	621
634	10*47051.219.38	W	9-17-4.2	TIMOTHY MCDOWELL AND CYNTHIA MCDOWELL	902	431
635	10*47051.219.39	W	9-17-4.2	ALICE THIPPHAVONG AND VISITH THIPPHAVONG	902	437
636	10*15836	X	9-17-5	LUICINDA RAE ALLEN AND DAVID A ALLEN	742	79
637	10*15837	X	9-17-5	ANITA DIANE ANTILL AND TERRY ANTILL	742	85
638	10*15842	X	9-17-5	HOMER L SIMMONS AND GLADYS R SIMMONS	742	329
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654	10*17981	X	9-17-5	MICHAEL E SWIFT AND MELODY A SWIFT	925	372
655	10*18019	X	9-17-5	SUSAN H KEY	927	272
656	10*18020	X	9-17-5	ALICE THIPPHAVONG AND VISITH THIPPHAVONG	927	270
657	10*18031	X	9-17-5	LEE ANNE MILLER	927	222
658	10*18092	X	9-17-5	DAVID MCDOWELL AND CRYSTAL MCDOWELL	927	283
659	10*18093	X	9-17-5	JENNIFER WHEATON	927	289
660	10*18094	X	9-17-5	BONNIE GRISELL	927	231
661	10*18095	X	9-17-5	TEXYN L MILLER AND GEORGIA A MILLER	927	287
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664	10*18107	X	9-17-5	ANITA MAE MASON	927	238
665	10*18113	X	9-17-5	JOHN H HILKE	927	159
666	10*18167	X	9-17-5	NEIL CALL AND MELINDA CALL	927	492
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669	10*18170	X	9-17-5	KAREN MCDOWELL CECIL AND JAMES E CECIL	927	633
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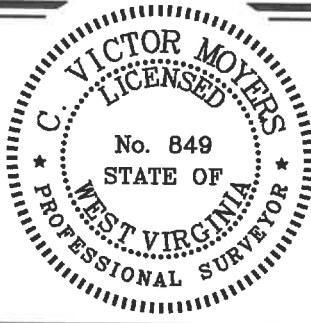
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KEITH STERN N-14HU-REV3

DATE JUNE 11, 20 20

REVISED

OPERATORS WELL NO. KEITH STERN N-14HU

API WELL NO. 47 — 051 — 2252  
STATE COUNTY PERMIT



STATE OF WEST VIRGINIA  
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ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



10/27/2022

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WELL OPERATOR TUG HILL OPERATING, LLC  
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500  
FORT WORTH, TX 76107

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

COUNTY NAME  
PERMIT

**KEITH STERN N LEASE  
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WELL 14HU  
HILL OPERATING**



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slswv.com

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708	10*21927	X	9-17-5	BLACK GOLD GROUP LTD	964	474
709	10*21940	X	9-17-5	ALYSIA JORDAN & TERRY M JORDAN	953	346
710	10*22376	X	9-17-5	MARGARET KUCHARZ AND JAMES C KUCHARZ	962	270
711	10*22412	X	9-17-5	CHAD E LONGFELLOW	963	124
712	10*22599	X	9-17-5	BRYANT R SWIFT AND KATHY SWIFT	966	456
713	10*22776	X	9-17-5	JAMES ROBERT WELLS	970	19
714	10*22849	X	9-17-5	NEIL MCELROY AND SUE MASON MCELROY	977	44
715	10*22851	X	9-17-5	JOHN J HELLSTERN AND LYNN D HELLSTERN	977	39
716	10*22853	X	9-17-5	RONALD LEE HENSLEY AND MARY ANN HENSLEY	977	34
717	10*23076	X	9-17-5	JACK R BBRISFORD AKA RANDY BBRISFORD	984	43
718	10*23260	X	9-17-5	IDA M TRAVIS ET AL DAVID C WHITE AS SPECIAL COMMISSIONER	988	73
719	10*23668	X	9-17-5	THE ESTATE OF RUTH N LUTHER SUZANNE L WOZNAK EXECUTRIX	1009	286
720	10*47051.219.1	X	9-17-5	DAVID LEE FRANKLIN	874	312
721	10*47051.219.27	X	9-17-5	MARSHA BBRISFORD	902	425
722	10*47051.219.36	X	9-17-5	GAREN MCDOWELL AND ELIZABETH MCDOWELL	898	615
723	10*47051.185.1	Y	9-17-39	HOMER L SIMMONS AND GLADYS R SIMMONS	885	68
724	10*47051.185.2	Y	9-17-39	LUCINDA RAE ALLEN AND DAVID A ALLEN	894	482
725	10*47051.185.3	Y	9-17-39	ANITA DIANE ANTILL AND TERRY ANTILL	885	71
726	10*47051.185.1	Z	9-17-38	HOMER L SIMMONS AND GLADYS R SIMMONS	885	68
727	10*47051.185.2	Z	9-17-38	LUCINDA RAE ALLEN AND DAVID A ALLEN	894	482
728	10*47051.185.3	Z	9-17-38	ANITA DIANE ANTILL AND TERRY ANTILL	885	71
729	10*47051.185.1	AA	9-17-38.1	HOMER L SIMMONS AND GLADYS R SIMMONS	885	68
730	10*47051.185.2	AA	9-17-38.1	LUCINDA RAE ALLEN AND DAVID A ALLEN	894	482
731	10*47051.185.3	AA	9-17-38.1	ANITA DIANE ANTILL AND TERRY ANTILL	885	71
732	10*18610	BB	9-19-2	NEIL ROBERT YOUNG	934	636
733	10*18614	BB	9-19-2	MICHAEL A WALKER	934	607
734	10*18615	BB	9-19-2	MARK A WALKER	934	609
735	10*18616	BB	9-19-2	CHAD A YOUNG	934	611
736	10*18625	BB	9-19-2	LOIS ELAINE WICKHAM	934	632
737	10*18626	BB	9-19-2	CLARA SUE YOUNG	934	634
738	10*19409	BB	9-19-2	CAROLYN J YOUNG	939	291
739	10*19667	BB	9-19-2	ERIC J YOUNG	937	375
740	10*19669	BB	9-19-2	RONALD W YOUNG	937	373
741	10*19670	BB	9-19-2	RONALD R YOUNG AND GERALDINE YOUNG	937	368
742	10*19671	BB	9-19-2	MELISSA D FLETCHER & SCOTT A FLETCHER	938	316
743	10*21343	BB	9-19-2	LELAND SINCLAIR YOUNG	945	649
744	10*21489	BB	9-19-2	ALEXA B YOUNG	957	299
745	10*21518	BB	9-19-2	SUSAN C YOUNG	949	203
746	10*21568	BB	9-19-2	LARRY R BONAR AND DEBRA L BONAR	957	399
747	10*21573	BB	9-19-2	CARLA J SIMMS	957	397
748	10*21576	BB	9-19-2	AUCE F WINLAND	957	395
749	10*21577	BB	9-19-2	MICHAEL S OTT AND SYBIL OTT	957	446
750	10*21739	BB	9-19-2	CRYSTAL DAWN YOUNG	957	413
751	10*21740	BB	9-19-2	HOLLY A YOUNG	957	415
752	10*21742	BB	9-19-2	GRANT D RICHARDS AND KERRI S RICHARDS	957	456
753	10*21743	BB	9-19-2	SHIRLEY KOONTZ POA KELU KOONTZ BENLINE	957	454
754	10*22022	BB	9-19-2	PENNY YODER AND KEVIN LYNN YODER	952	356
755	10*22057	BB	9-19-2	RONALD R YOUNG	960	584
756	10*22600	BB	9-19-2	AIDEN BOYD YOUNG JENNIFER A YOUNG, PETITIONER	966	462
757	10*15802	CC	9-17-37	TOM GOULDSBERRY	683	640
758	10*15803	CC	9-17-37	CHARLOTTE CROW	683	631
759	10*15804	CC	9-17-37	JOE GOULDSBERRY	683	637
760	10*15805	CC	9-17-37	MARY ELLEN CHAMBERS	684	82
761	10*15806	CC	9-17-37	JOANNE FOX	683	634
762	10*15807	CC	9-17-37	GLORIS VAN SCYOC	685	190
763	10*15808	CC	9-17-37	ANGELA YOHO	685	193
764	10*15809	CC	9-17-37	RYAN J AND MICHELE L RIDDLE	687	225
765	10*15810	CC	9-17-37	FLOSSIE P RUTAN	690	266
766	10*15811	CC	9-17-37	SANDRA M WINSLOW	719	51
767	10*21969	CC	9-17-37	MARK WESLEY RICHARDSON	960	507

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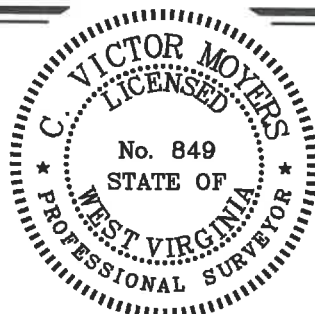
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STATE COUNTY PERMIT



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



10/21/2022

P.S.  
849

*C. Victor Moyers*

WELL OPERATOR TUG HILL OPERATING, LLC  
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500  
FORT WORTH, TX 76107

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

COUNTY NAME  
PERMIT