

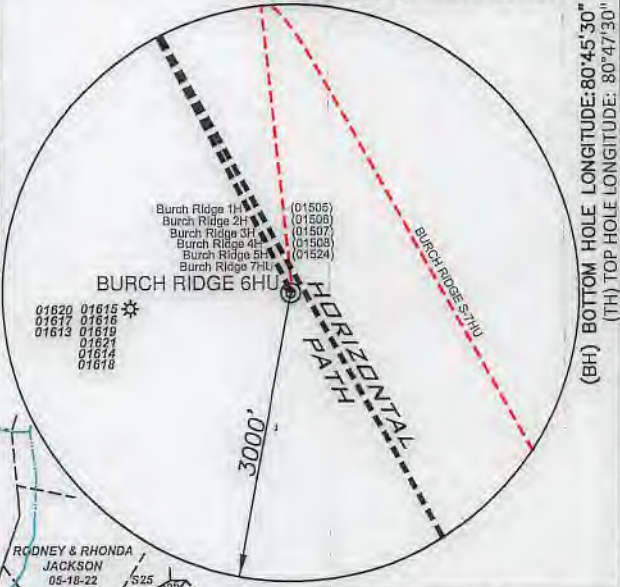
BURCH RIDGE LEASE WELL 6HU

388.9128± ACRES

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.

TOP HOLE LATITUDE: 39°47'30"
BOTTOM HOLE LATITUDE: 39°45'00"



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)

SURFACE HOLE

UTM. NAD83, ZONE 17
IN METERS

N) 4,400,512.27
E) 516,919.07

LANDING POINT 1

UTM. NAD83, ZONE 17
IN METERS

N) 4,401,192.60
E) 516,571.82

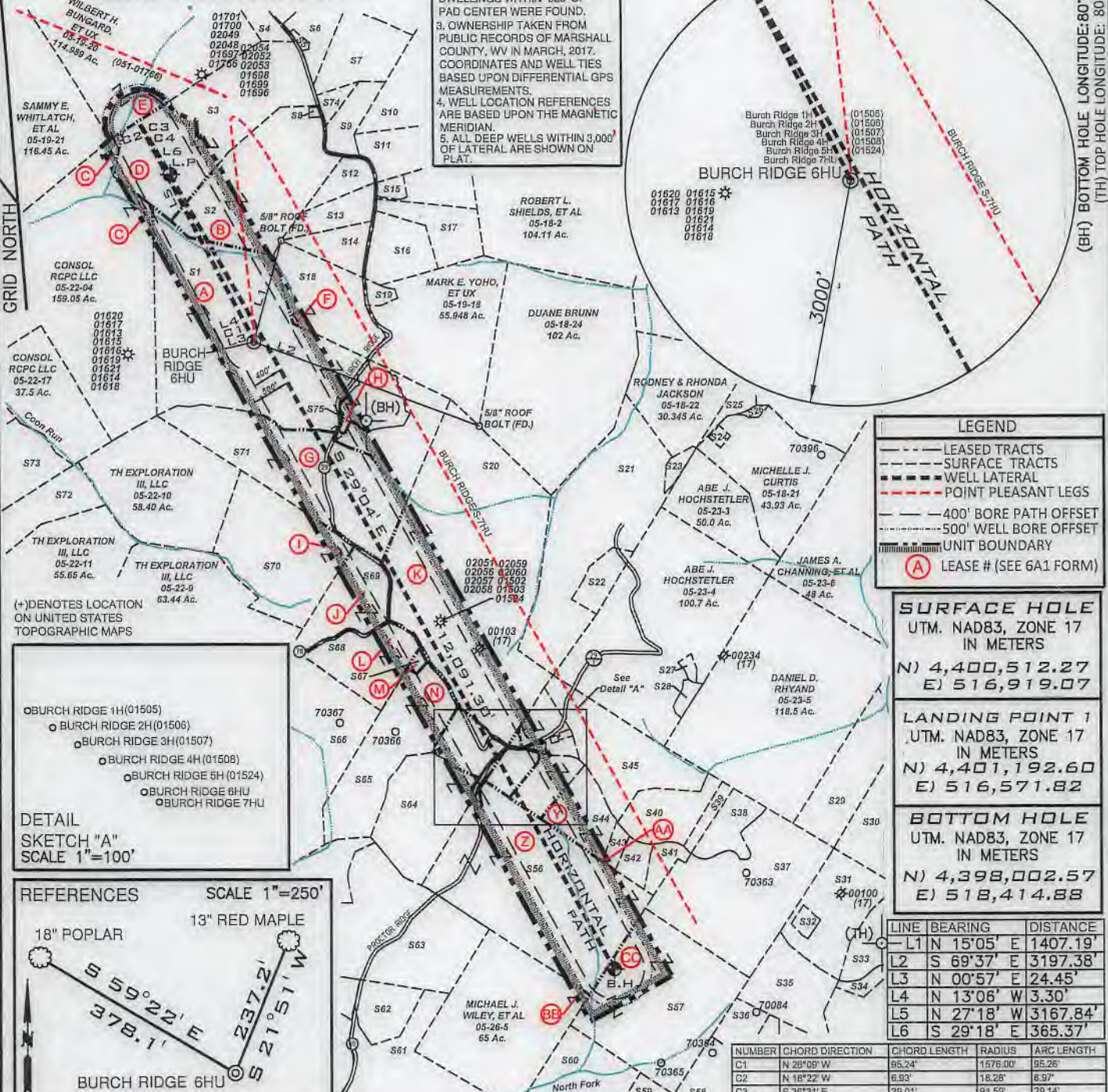
BOTTOM HOLE

UTM. NAD83, ZONE 17
IN METERS

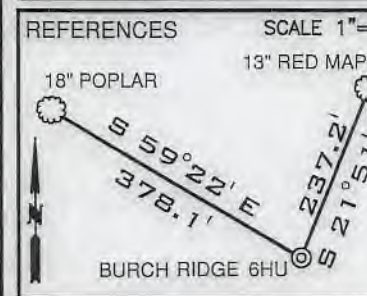
N) 4,398,002.57
E) 518,414.88

LINE	BEARING	DISTANCE
L1	N 15°05' E	1407.19'
L2	S 69°37' E	3197.38'
L3	N 00°57' E	24.45'
L4	N 13°06' W	3.30'
L5	N 27°18' W	3167.84'
L6	S 29°18' E	365.37'

NUMBER	CHORD DIRECTION	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 28°09' W	95.24'	1576.00'	95.26'
C2	N 18°22' W	6.93'	18.28'	6.97'
C3	S 30°31' E	29.01'	91.59'	29.14'
C4	S 30°16' E	395.07'	7333.24'	395.12'



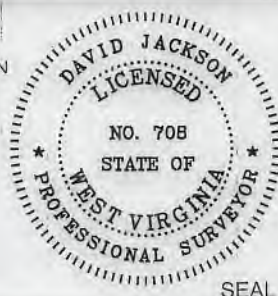
OBURCH RIDGE 1H(01505)
 BURCH RIDGE 2H(01506)
 BURCH RIDGE 3H(01507)
 BURCH RIDGE 4H(01508)
 BURCH RIDGE 5H(01524)
 BURCH RIDGE 6HU
 BURCH RIDGE 7HU



FILE NUMBER _____
 DRAWING NUMBER: BURCH RIDGE 6HU_Rev 0
 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: MARCH 07, 2019
 OPERATORS WELL NO. BURCH RIDGE 6HU
 API WELL NO. 47-051-02193 H6A
 STATE COUNTY PERMIT

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

LOCATION ELEVATION 1310.39' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER
 DISTRICT FRANKLIN COUNTY MARSHALL
 QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER SEE WW-6A1 FORM

SURFACE OWNER CONSOL RCPC LLC ACREAGE 134.425
 OIL & GAS ROYALTY OWNER CNX GAS COMPANY LLC LEASE ACREAGE 134.425
 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 ___

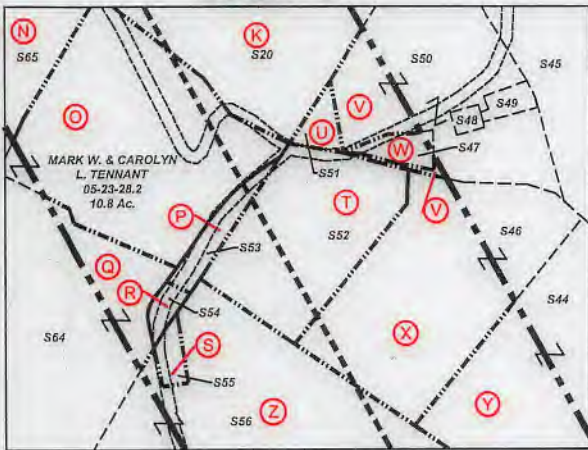
TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,402' TMD: 24,424'
 WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
CT CORPORATION SYSTEM
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
FORT WORTH, TX 76107 CHARLESTON, WV 25313

COUNTY NAME
 PERMIT

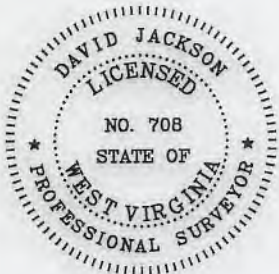
form wwg

**BURCH RIDGE LEASE
WELL 6HU
388.9128± ACRES**

Detail "A"



Number	TAX MAP -PARCEL	SURFACE OWNER	ACRES
S1	A 05-22-05	Consol RPCC LLC.	134.425
S2	B 05-19-28	David E. Yoho & Mark E. Yoho	56.899
S3	D 05-19-19	Russell Blake, et ux	66.4
S4	05-19-09	Penny Elaine Mezendez	10.44
S5	05-19-15	B.J. Herran Revocable Trust	0.72
S6	05-19-29	Ernie L. & Tammy L. Anderson	10.961
S7	05-19-30	Ernie & Tammy Anderson	19.037
S8	05-19-32	Jasper N. Burch, et al - Trustees	0.397
S9	05-19-31	Charles F. & Diana L. Haynes	8.779
S10	05-18-01	Diana Henry Haynes & Carol C. Henry	62.908
S11	05-19-14	James & Sherry Beegle	18.356
S12	05-19-27	David E. Yoho & Mark E. Yoho	7.041
S13	05-19-26	Roger J. & Beth E. James	9.977
S14	05-19-25	David E. Yoho & Mark E. Yoho	9.976
S15	05-19-16.1	Robert L. & Rebecca A. Shields	2.307
S16	05-19-24	Mark E. Yoho	15.436
S17	05-19-17	Mark E. Yoho	15.263
S18	F 05-19-18.2	Paul V. & Carol Neely	32.672
S19	05-19-18.1	Mark E. Yoho, et ux	2.57
S20	K 05-23-01	Patricia Accetolo, et al	146.66
S21	05-23-02	Daniel J. & Danielle D. Lilley	70.0
S22	05-23-2.2	Jessica N. & Andrew L. Jones	77.636
S23	05-23-2.1	William L. & Janice M. Wayne	2.364
S24	05-18-21	David P. Lassar, Life and David P. Lassar II & Julius L. Lassar	1.0
S25	05-18-21.1	Rodney & Rhonda Jackson	5.47
S26	05-18-21.3	T.H. Exploration III, LLC	0.811
S27	05-23-4.2	XCL Midstream Operating, LLC	1.17
S28	05-23-4.1	XCL Midstream Operating, LLC	2.16
S29	05-23-08	Carl David & Suzanne L. Guseman	29.5
S30	05-23-9.3	Linda D. Greathouse	17.5
S31	05-23-9.2	Linda D. Greathouse	25.58
S32	05-23-9.4	Jackson R. Sr. & Deanna L. Davis	2.087
S33	05-23-13	Linda D. Greathouse	14.24
S34	05-23-12	Mark A. Yoho	3.05
S35	05-23-9.1	John W. Van Orden, et ux	23.376
S36	05-26-22	Richard Joseph Otte, et ux	8.3
S37	05-23-14	Dominion Transmission, Inc.	59.5
S38	05-23-15	Henry Virginia Ethel, Est	15.5
S39	05-23-16.1	Donald B. Henry	1.97
S40	05-23-16	Roy Friend Yoho, Sr.	18.03
S41	05-23-17.3	William & Katherine Flewelling	5.018
S42	05-23-17	Tammy & Thomas E. Brown	4.62
S43	AA 05-23-17.4	Tammy D. Meadows	2.605
S44	Y 05-23-17.2	Dick Jr. & Carol J. Rowan	14.920
S45	05-23-18	Abe J. Hochstetler	35.38
S46	X 05-23-17.1	Curtis E. Hall, et ux	10.051
S47	W 05-23-21	Mark A. Yoho & Mark E. Yoho	0.588
S48	05-23-20	Christan Church	0.19
S49	05-23-19	DOTY Cemetery	1.0
S50	V 05-23-18.1	Mark A. Yoho	7.8
S51	U 05-23-29	James Wiley	0.25
S52	T 05-23-22	Daniel D. Rhyand & Laurel R. Greene	6.25
S53	P 05-23-23	Michael J. Wiley, et al	1.0
S54	R 05-23-24	Michael J. Wiley, et al	0.25
S55	S 05-23-25	Arthur A. Wiley	0.43
S56	Z 05-23-26	Michael J. Wiley, et al	101.57
S57	CC 05-26-07	Dominion Transmission, Inc.	71.0
S58	05-26-23	Richard Joseph Otte, et ux	11.34
S59	05-26-17	Heartland Forestland Fund VII, LP	82.56
S60	05-26-06	Heartland Forestland Fund VII, LP	36.17
S61	05-26-4.4	Otis F. & Glenda M. Rush	39.436
S62	05-26-4.6	Otis F. Rush, Jr.	12.268
S63	05-26-02	Edwin Booth Anderson & Mark W. Booth	67.5
S64	Q 05-23-27	Michael J. Wiley, et al	33.140
S65	N 05-23-28	Gregg D. Minor	39.43
S66	05-28-05	T.H. Exploration III, LLC.	105.9
S67	M 05-23-28.1	Troy W. & Erin M. Thomas	1.0
S68	L 05-22-07	Patricia Accetolo, et al	25.02
S69	J 05-22-7.1	T.H. Exploration II, LLC & Atinum Marcellus I, LLC	20.68
S70	I 05-22-08	T.H. Exploration III, LLC.	48.44
S71	G 05-22-06	Consol RPCC LLC.	64.70
S72	05-22-12	T.H. Exploration III, LLC.	61.49
S73	05-22-16	Edward R. Toho, Jr.	57.0
S74	05-19-30.1	Eric R. W. & Ashley A. Huggins	2.911
S75	H 05-22-5.1	Williams Ohio Valley Midstream, LLC	12.875



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David L Jackson

47-051-02193 H6A



**TUG HILL
OPERATING**

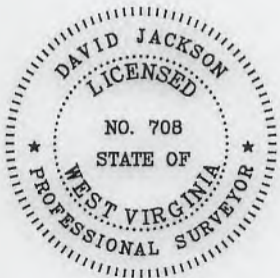
OPERATOR'S
WELL #: Burch Ridge 6HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-

WELL PLAT
PAGE 2 OF 3
DATE: 03/07/2019

FORM WVA 6

**BURCH RIDGE LEASE
WELL 6HU
388.9128± ACRES**

Lease No.	Tags	Parcel	Oil & Gas Royalty Owner	Book	Page
10*19529	A	5-22-5	CNX GAS COMPANY LLC	945	175
10*14297	B	5-19-28	MARK E. YOHO AND DAVID E. YOHO	655	547
10*14033 , ET AL	C	5-22-4	LAMOYNE BAKER, ET AL	665	554
10*14634	D	5-19-19	RUSSELL BLAKE & MARY BLAKE	773	568
10*14141	E	5-19-20	DAVID TAKACH AND WIFE DEBORAH	720	233
10*14421	F	5-19-18.2	PAUL V NEELY AND CAROL J NEELY	728	277
10*16471	G	5-22-6	CNX GAS COMPANY LLC	905	155
10*19529	H	5-22-5.1	CNX GAS COMPANY LLC	945	175
10*14418	I	5-22-8	PPG INDUSTRIES, INC.	878	610
10*14128	J	5-22-7.1	LOUIS J ACCETTOLO AND PATRICIA	703	280
10*14129	K	5-23-1	JESSE P. MCHENRY, ET UX	703	283
10*14128	L	5-22-7	JESSE P. MCHENRY, ET UX	703	280
10*19720	M	5-23-28.1	TROY W THOMAS & ERIN M AMOS-THOMAS	912	94
10*21218 , ET AL	N	5-23-28	GREGG D MINOR, ET AL	952	647
10*17190	O	5-23-28.2	MARK W. TENNANT CAROLYN L TENNANT	715	570
10*17716	P	5-23-23	MICHAEL J AND BARBARA L WILEY	919	638
10*23817 , ET AL	Q	5-23-27	HELENA F. NEWMAN, ET AL	1015	149
10*23817 , ET AL	R	5-23-24	HELENA F. NEWMAN, ET AL	1015	149
10*21821 , ET AL	S	5-23-25	LINDA K TAYLOR AND RAY P MAGEE, ET AL	951	631
10*14944	T	5-23-22	HERBERT D MINOR	722	511
10*14849 , ET AL	U	5-23-29	DAVID GUSTELY, ET AL	806	265
10*24917 , ET AL	V	5-23-18.1	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14849 , ET AL	W	5-23-21	DAVID GUSTELY, ET AL	806	265
10*24917 , ET AL	X	5-23-17.1	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14847 , ET AL	Y	5-23-17.2	LETHA RUCKMAN, ET AL	806	270
10*21821 , ET AL	Z	5-23-26	LINDA K TAYLOR AND RAY P MAGEE, ET AL	951	631
10*14847 , ET AL	AA	5-23-17.4	LETHA RUCKMAN, ET AL	806	270
10*21821 , ET AL	BB	5-26-5	LINDA K TAYLOR AND RAY P MAGEE, ET AL	951	631
10*18343	CC	5-26-7	DOMINION ENERGY TRANSMISSION INC	936	79



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David L Jackson

47-051-02193 H6A



TUG HILL
OPERATING

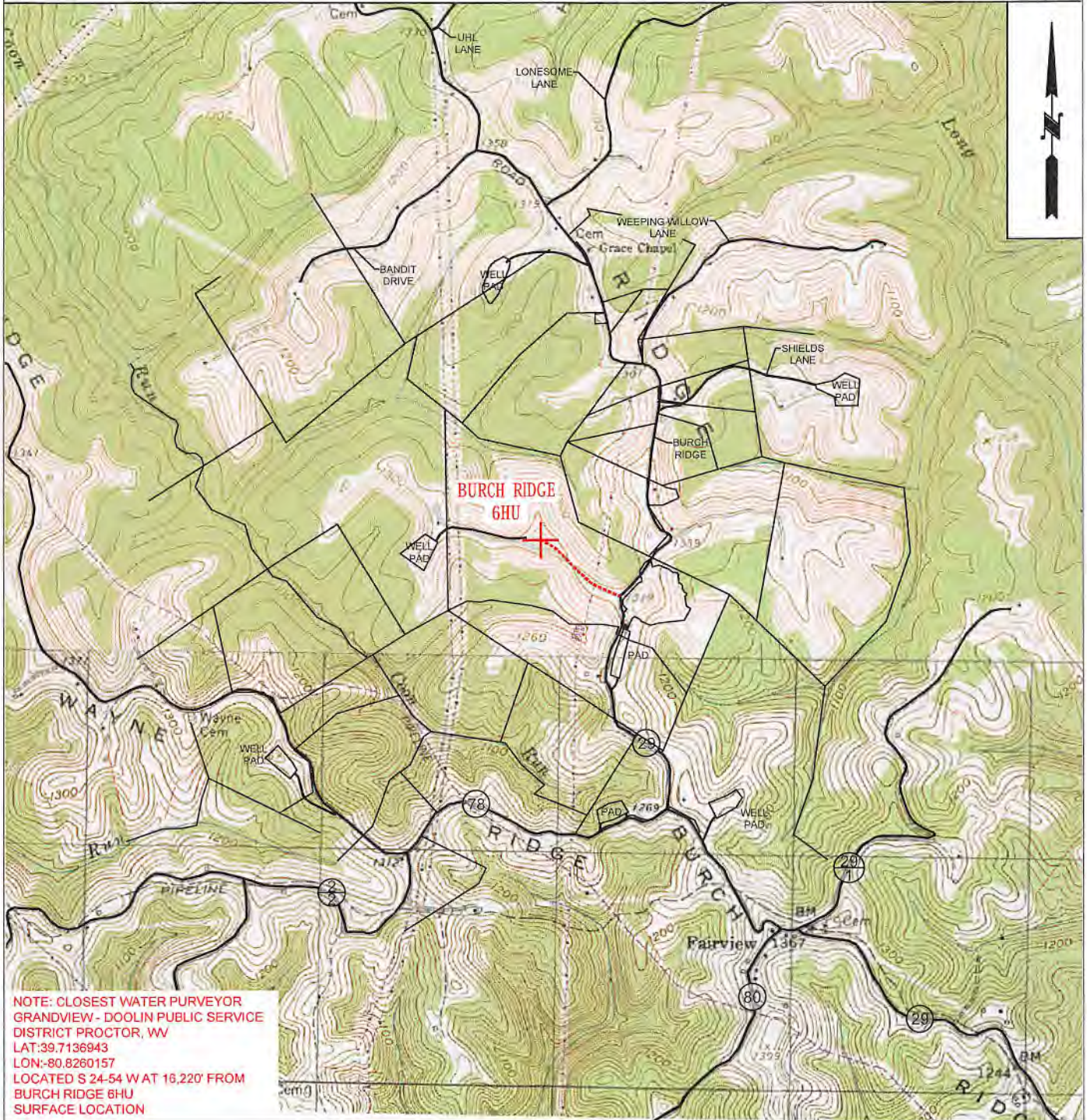
OPERATOR'S
WELL #: Burch Ridge 6HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-


WELL PLAT
PAGE 3 OF 3
DATE: 03/07/2019

WW-9

PROPOSED BURCH RIDGE 6HU

SUPPLEMENT PG 2



 TUG HILL OPERATING	OPERATOR	494510851	TOPO SECTION	LEASE NAME
	TUG HILL OPERATING, LLC 380 SOUTHPOINTE BLVD SUITE 200 CANONSBURG, PA 15317		POWHATAN POINT 7.5'	BURCH RIDGE
			SCALE: 1" = 2000'	DATE: DATE: 02-25-2019