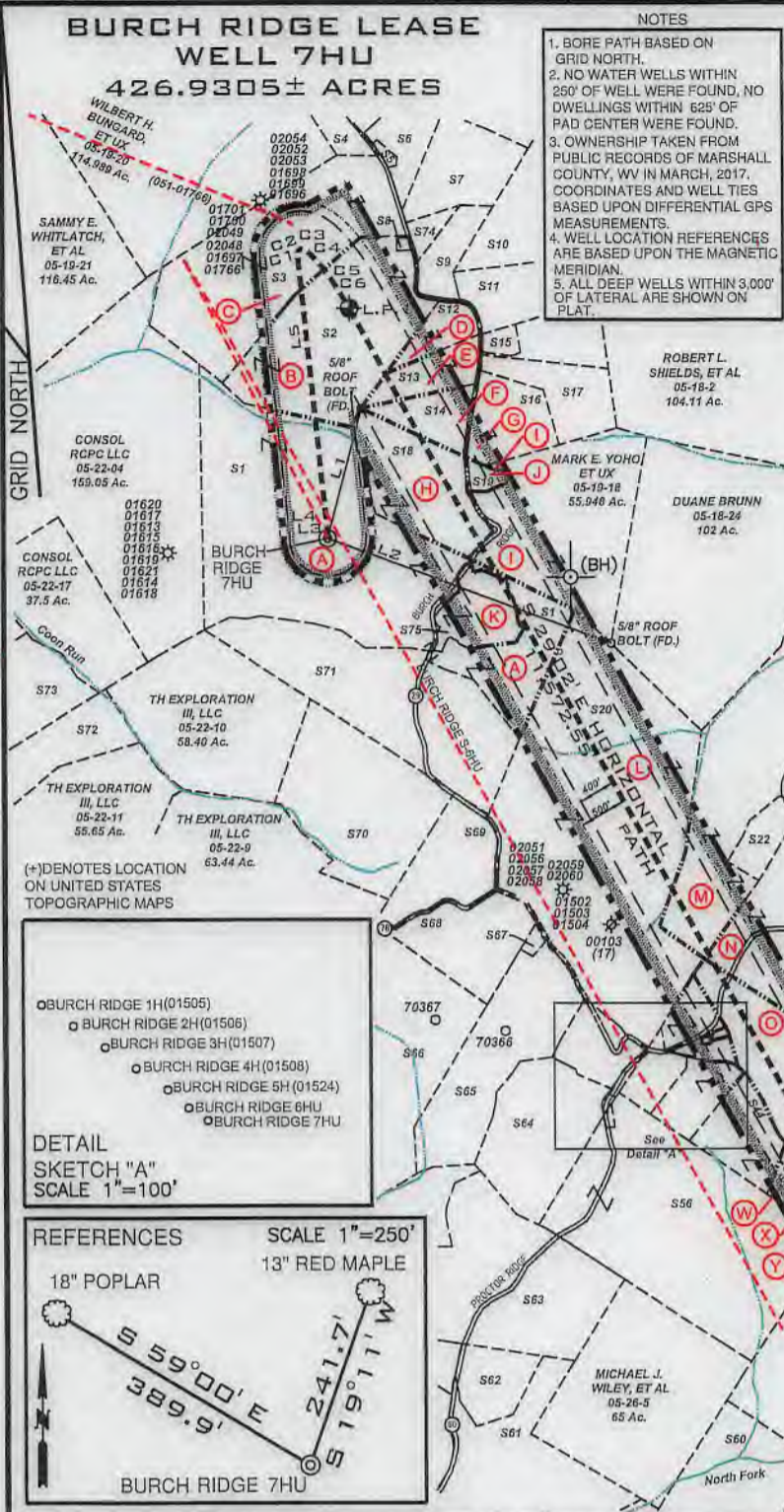
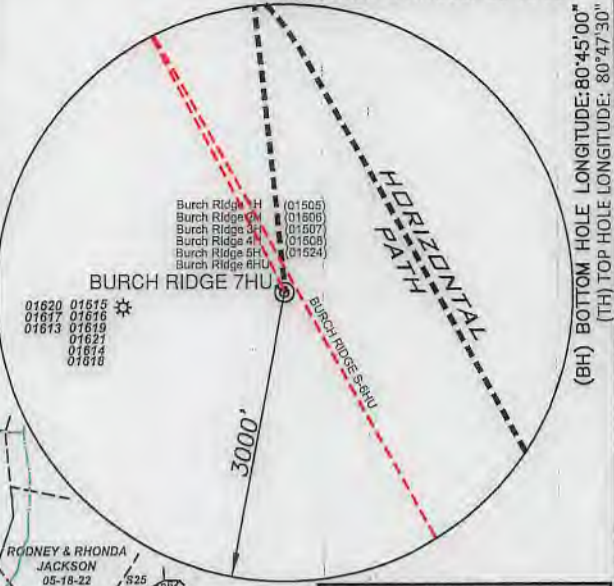


BURCH RIDGE LEASE WELL 7HU

426.9305± ACRES

- NOTES**
1. BORE PATH BASED ON GRID NORTH.
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' 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)

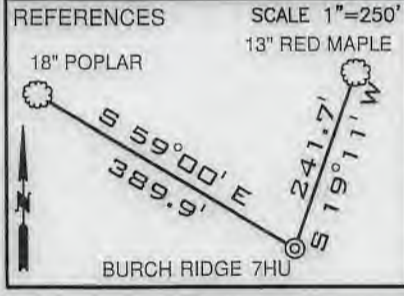
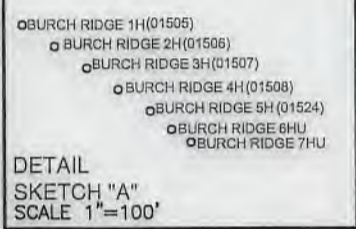
SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,400,510.28
E) 516,922.14

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,401,247.04
E) 516,982.22

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,193.07
E) 518,744.84

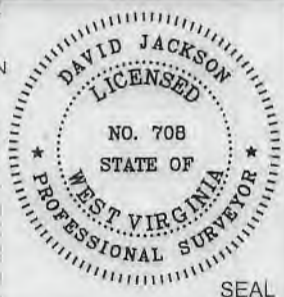
LINE	BEARING	DISTANCE
L1	N 14°38' E	1411.12'
L2	S 69°40' E	3185.72'
L3	N 20°57' E	17.47'
L4	N 07°30' E	3.16'
L5	N 05°58' W	2932.05'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 00°46' E	80.00'	211.37'	80.20'
C2	N 31°45' E	39.49'	44.25'	40.94'
C3	S 85°47' E	40.98'	48.98'	42.29'
C4	S 52°38' E	119.34'	342.72'	119.85'
C5	S 39°29' E	273.48'	1628.89'	273.80'
C6	S 31°58' E	386.94'	3463.08'	387.15'

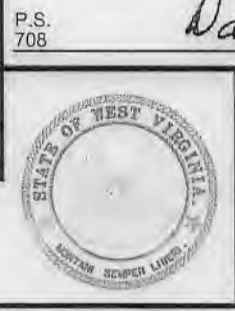


I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

David L Jackson



FILE NUMBER _____
DRAWING NUMBER: BURCH RIDGE 7HU_Rev 0
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING
GRADE GPS



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 7HU
API WELL NO. 47-051-02194 H6A
STATE WV COUNTY MARSHALL 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

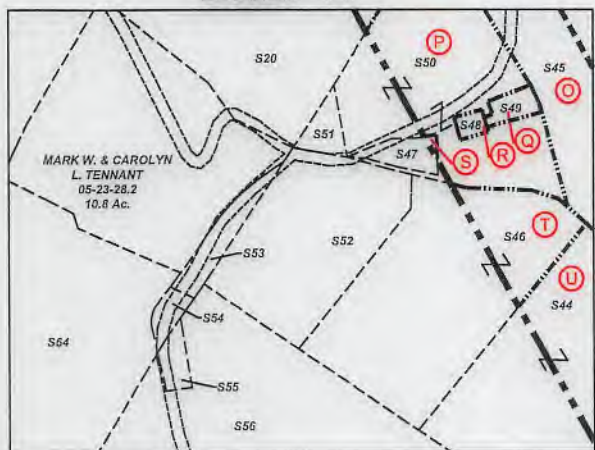
SURFACE OWNER CONSOL RCPC LLC ACREAGE 134.425
OIL & GAS ROYALTY OWNER CNX GAS COMPANY LLC LEASE ACREAGE 134.425
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,429' TMD: 23,831'
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

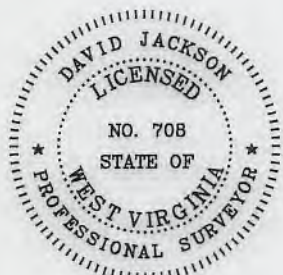
COUNTY NAME
PERMIT

**BURCH RIDGE LEASE
WELL 7HU
426.9305± ACRES**

Detail "A"



Number	TAX MAP - PARCEL	SURFACE OWNER	ACRES
S1	A 05-22-05	Consol RCPC LLC.	134.425
S2	B 05-19-28	David E. Yoho & Mark E. Yoho	56.899
S3	C 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	D 05-19-27	David E. Yoho & Mark E. Yoho	7.041
S13	E 05-19-26	Roger J. & Beth E. James	9.977
S14	F 05-19-25	David E. Yoho & Mark E. Yoho	9.976
S15	05-19-16.1	Robert L. & Rebecca A. Shields	2.307
S16	G 05-19-24	Mark E. Yoho	15.436
S17	05-19-17	Mark E. Yoho	15.263
S18	H 05-19-18.2	Paul V. & Carol Neely	32.672
S19	J 05-19-18.1	Mark E. Yoho, et ux	2.57
S20	L 05-23-01	Patricia Accettolo, et al	146.66
S21	M 05-23-02	Daniel J. & Danielle D. Lilley	70.0
S22	05-23-2.2	Jessica N. & Andrew L. Jones	7.636
S23	05-23-2.1	William L. & Janice M. Wayne	2.364
S24	05-18-21	David P. Lissan, Life and David P. Lissan II & Julius L. Lissan	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	CC 05-23-14	Dominion Transmission, Inc.	59.5
S38	BB 05-23-15	Henry Virginia Ethel, Est	15.5
S39	AA 05-23-16.1	Donald B. Henry	1.97
S40	V 05-23-16	Roy Friend Yoho, Sr.	18.03
S41	Z 05-23-17.3	William & Katherine Flewelling	5.018
S42	X 05-23-17	Tammy & Thomas E. Brown	4.62
S43	W 05-23-17.4	Tammy D. Meadows	2.605
S44	U 05-23-17.2	Dick Jr. & Carol J. Rowan	14.920
S45	O 05-23-18	Abe J. Hochstetler	35.38
S46	T 05-23-17.1	Curtis E. Hall, et ux	10.051
S47	S 05-23-21	Mark A. Yoho & Mark E. Yoho	0.588
S48	R 05-23-20	Christan Church	0.19
S49	Q 05-23-19	DOTY Cemetery	1.0
S50	P 05-23-18.1	Mark A. Yoho	7.8
S51	05-23-29	James Wiley	0.25
S52	05-23-22	Daniel D. Rhyand & Laurel R. Greene	6.25
S53	05-23-23	Michael J. Wiley, et al	1.0
S54	05-23-24	Michael J. Wiley, et al	0.25
S55	05-23-25	Arthur A. Wiley	0.43
S56	Y 05-23-26	Michael J. Wiley, et al	101.57
S57	DD 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	05-23-27	Michael J. Wiley, et al	33.140
S65	05-23-28	Gregg D. Minor	39.43
S66	05-28-05	T.H. Exploration III, LLC.	105.9
S67	05-23-28.1	Troy W. & Erin M. Thomas	1.0
S68	05-22-07	Patricia Accettolo, et al	25.02
S69	05-22-7.1	T.H. Exploration II, LLC & Atinum Marcellus I, LLC	20.68
S70	05-22-08	T.H. Exploration III, LLC.	48.44
S71	05-22-06	Consol RCPC 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	K 05-22-5.1	Williams Ohio Valley Midstream, LLC	12.875



P.S. 708

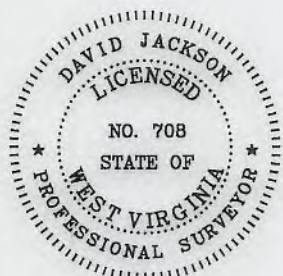
David L Jackson

47-051-02194 H6A

	OPERATOR'S	WELL #:	Burch Ridge 7HU	WELL PLAT
	DISTRICT:	Franklin	PAGE 2 OF 3	
	COUNTY:	Marshall	DATE: 03/07/2019	
	STATE:	WV		
	API #:	47-051-		

**BURCH RIDGE LEASE
WELL 7HU
426.9305± 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*14634	C	5-19-19	RUSSELL BLAKE & MARY BLAKE	773	568
10*14297	D	5-19-27	MARK E. YOHO AND DAVID E. YOHO	655	547
10*14501	E	5-19-26	ROGER J & BETH E JAMES	752	204
10*14297	F	5-19-25	MARK E. YOHO AND DAVID E. YOHO	655	547
10*14295	G	5-19-24	MARK E YOHO AND MARY YOHO HI	655	546
10*14421	H	5-19-18.2	PAUL V NEELY AND CAROL J NEE	728	277
10*14295	I	5-19-18	MARK E YOHO AND MARY YOHO HI	655	546
10*14295	J	5-19-18.1	MARK E YOHO AND MARY YOHO, ET AL	655	546
10*19529	K	5-22-5.1	CNX GAS COMPANY LLC	945	175
10*14129	L	5-23-1	JESSE P. MCHENRY	703	283
10*14022	M	5-23-2	HOWARD N. WAYNE, SR, ET UX	665	384
10*24917	N	5-23-4	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14849	O	5-23-18	DAVID GUSTELY, ET AL	806	265
10*24917	P	5-23-18.1	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14849	Q	5-23-19	DAVID GUSTELY, ET AL	806	265
10*24917	R	5-23-20	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14849	S	5-23-21	DAVID GUSTELY, ET AL	806	265
10*24917	T	5-23-17.1	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14847	U	5-23-17.2	LETHA RUCKMAN, ET AL	806	270
10*24917	V	5-23-16	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14847	W	5-23-17.4	LETHA RUCKMAN, ET AL	806	270
10*24917	X	5-23-17	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14742	Y	5-23-26	SUSAN GORE, ET AL	790	505
10*24917	Z	5-23-17.3	WALTER AND CONNIE J STREIGHT, ET AL	1027	95
10*14847	AA	5-23-16.1	LETHA RUCKMAN, ET AL	806	270
10*24964	BB	5-23-15	GARNET GAS CORP, ET AL	1029	492
10*18343	CC	5-23-14	DOMINION ENERGY TRANSMISSION INC	936	79
10*18343	DD	5-26-7	DOMINION ENERGY TRANSMISSION INC	936	79



47-051-02194 H6A

P.S.
708

David L Jackson



TUG HILL
OPERATING

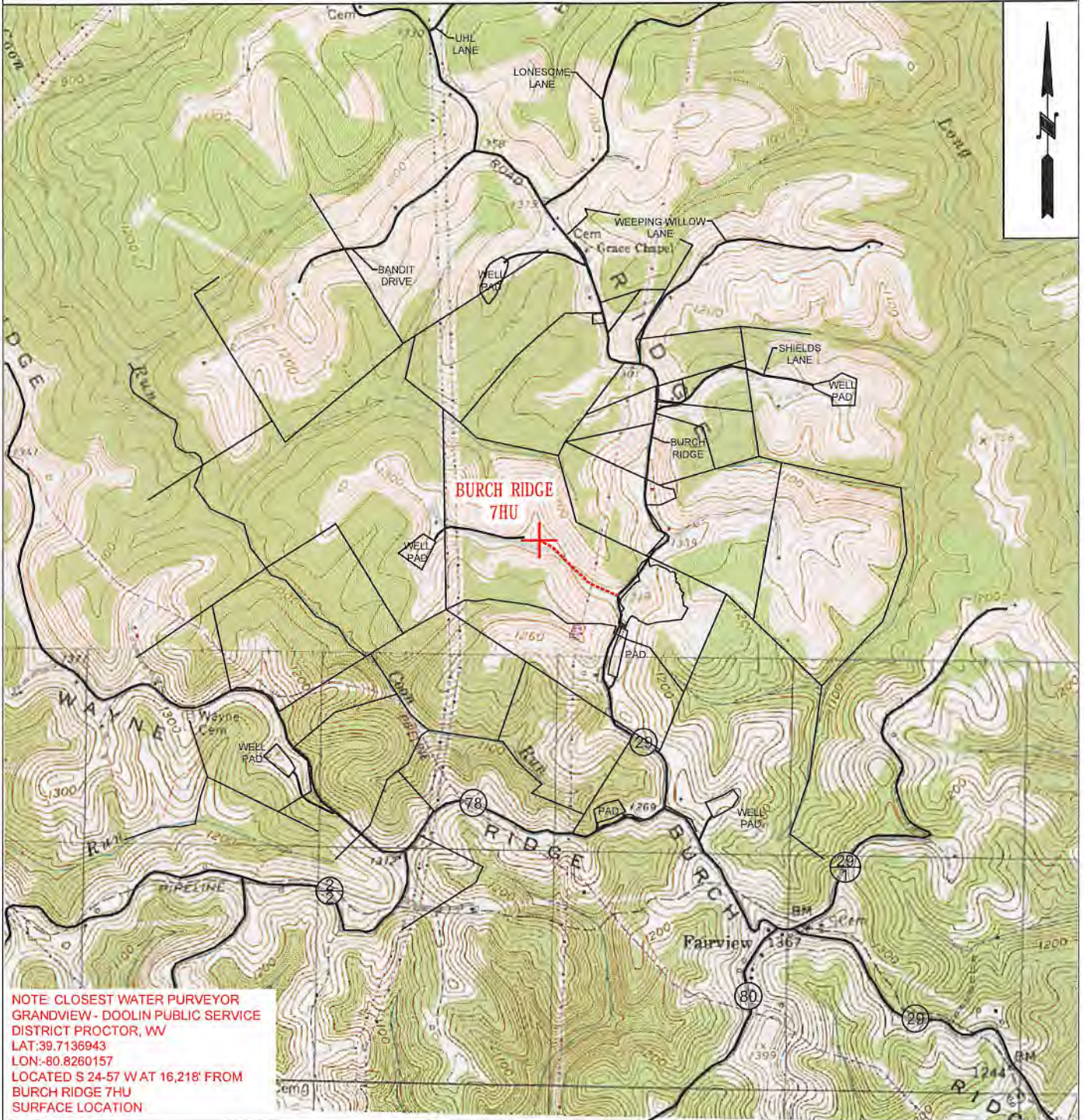
OPERATOR'S
WELL #: Burch Ridge 7HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-

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


WW-9

PROPOSED BURCH RIDGE 7HU

SUPPLEMENT PG 2



NOTE: CLOSEST WATER PURVEYOR
GRANDVIEW - DOOLIN PUBLIC SERVICE
DISTRICT PROCTOR, WV
LAT: 39.7136943
LON: -80.8260157
LOCATED S 24-57' W AT 16,218' FROM
BURCH RIDGE 7HU
SURFACE LOCATION

 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 RECEIVED: Office of Oil and Gas DATE: 02-25-2019

MAR 13 2019