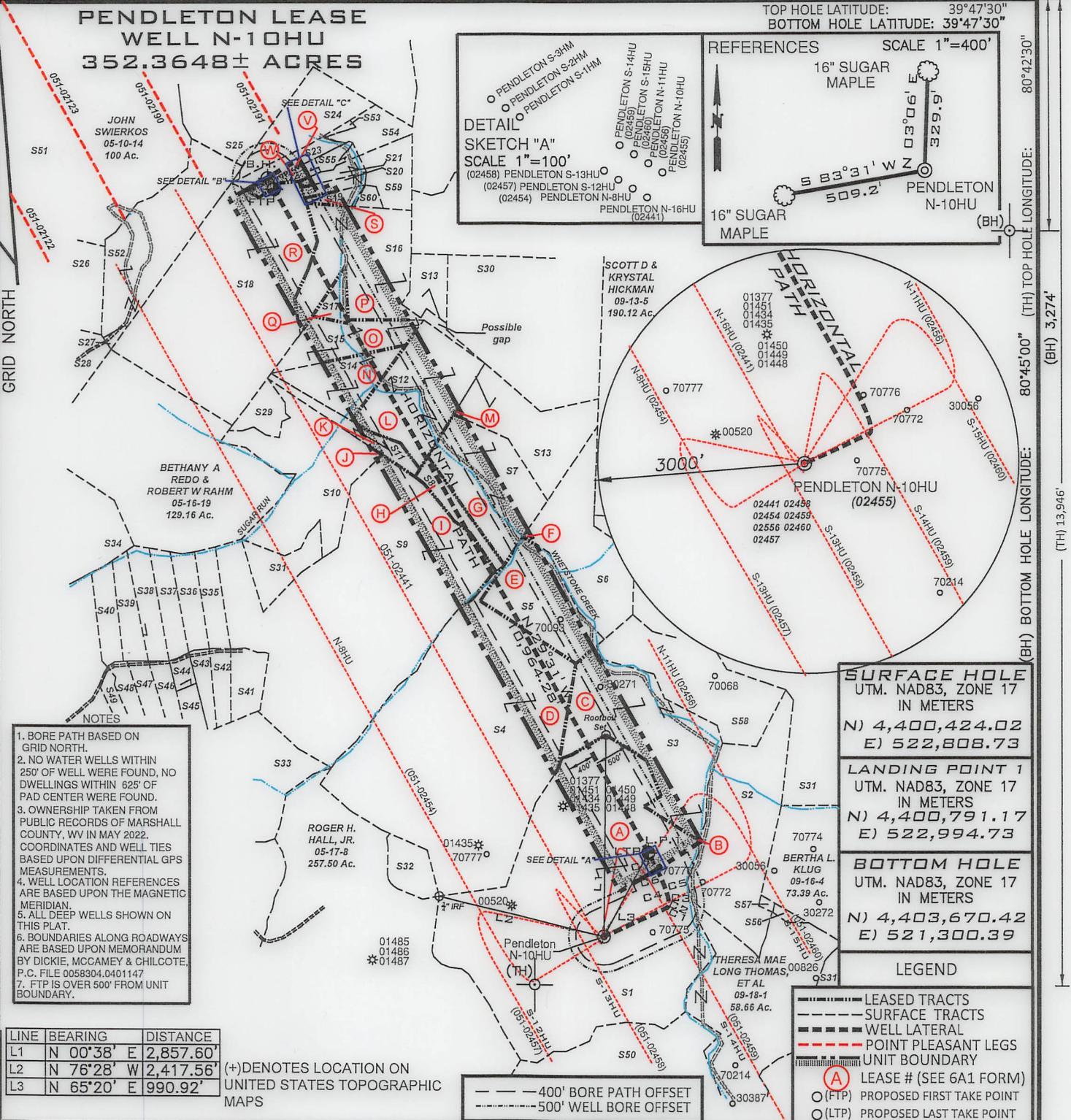


PENDLETON LEASE WELL N-10HU 352.3648± ACRES

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



SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,400,424.02 E) 522,808.73
LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS N) 4,400,791.17 E) 522,994.73
BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,403,670.42 E) 521,300.39

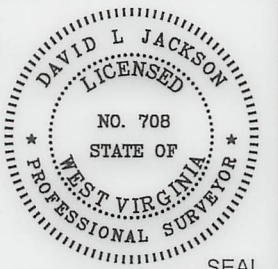
LEGEND

- - - LEASE TRACTS
- - - SURFACE TRACTS
- - - WELL LATERAL
- - - POINT PLEASANT LEGS
- - - UNIT BOUNDARY
- A LEASE # (SEE 6A1 FORM)
- O (FTP) PROPOSED FIRST TAKE POINT
- O (LTP) PROPOSED LAST TAKE POINT

FILE NUMBER	
DRAWING NUMBER:	PENDLETON N-10HU REV1
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

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
DATE: AUGUST 3, 2022
OPERATORS WELL NO. PENDLETON N-10HU
API WELL NO. 47-051-02455
STATE COUNTY PERMIT

LOCATION ELEVATION 1271.82' WATERSHED (HUC 10) FISH CREEK
DISTRICT FRANKLIN COUNTY MARSHALL
QUADRANGLE GLEN EASTON 7.5' LEASE NUMBER SEE WW-6A1 Form

SURFACE OWNER ALPINE FARM, LLC ACREAGE 249.07
OIL & GAS ROYALTY OWNER ELI A. & FANNIE MAE WENGERD, ET AL LEASE ACREAGE 249.07
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: 11,793' TMD: 23,073'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN, CT CORP
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5098 WASHINGTON STREET WEST, SUITE 407 CHARLESTON, WV 25313-1561

08/19/2022

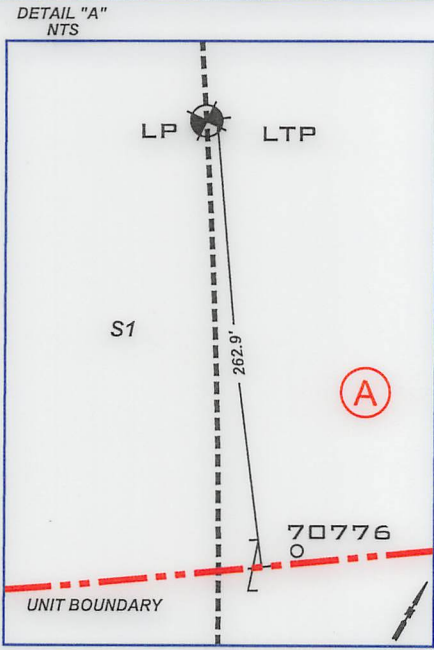
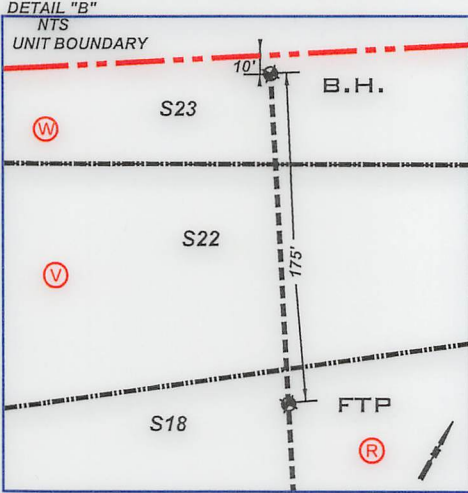
COUNTY NAME
PERMIT

form ww6

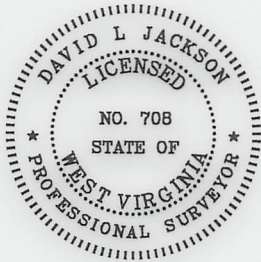
PENDLETON LEASE WELL N-10HU 352.3648± ACRES

Deep Wells Within 2400' of Proposed
Well's Surface Location and/or 500' of Well Lateral

API	OPERATOR
47-051-02441	Tug Hill Operating, LLC
47-051-02454	Tug Hill Operating, LLC
47-051-02456	Tug Hill Operating, LLC
47-051-02457	Tug Hill Operating, LLC
47-051-02458	Tug Hill Operating, LLC
47-051-02459	Tug Hill Operating, LLC
47-051-02460	Tug Hill Operating, LLC



CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 41°33' E	28.51'	39.25'	29.18'
C2	N 08°53' E	41.48'	117.41'	41.70'
C3	N 07°50' W	84.03'	383.51'	84.20'
C4	N 16°42' W	117.49'	1053.24'	117.55'
C5	N 21°09' W	101.76'	1971.64'	101.77'
C6	N 24°21' W	176.35'	3132.70'	176.38'
C7	N 27°46' W	302.22'	4689.13'	302.27'

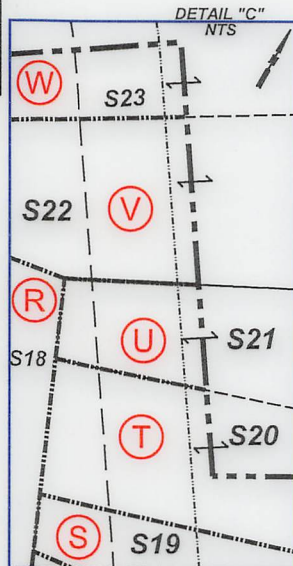


P.S. 708

David L Jackson

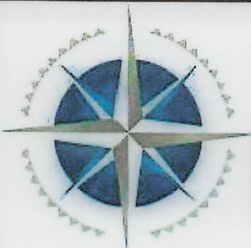
Parcels within Unit Boundary				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
A	S1	05-17-06	ALPINE FARM LLC	249.07
B	S2	09-16-03	BERTHA L KLUG	71
C	S3	05-17-05	ALPINE FARM LLC	76.96
D	S4	05-17-04	ALPINE FARM LLC	212
E	S5	05-16-13	DAVID ALAN RUBCICH ET AL	33.31
F	S6	09-16-01	ROBERT M & NANCY R MCCARDLE	46.80
G	S7	09-13-01	LOUIS VAN SCYOC	46.81
H	S8	05-16-12	LOUIS VAN SCYOC	10.80
I	S9	05-17-03	SOUTHERN COUNTRY FARMS, INC	190.132
J	S10	05-16-17	RICHARD D & JULIA M REPASKY; BRIAN L TESLOVICH & CARA C DAVIS	55.34
K	S11	05-16-11	GERTRUDE HOLTZ	9.93
L	S12	09-13-03	LOUIS VAN SCYOC	52.40
M	S13	09-13-02	SYLVIA VAN SCYOC, REBECCA KAY JOHNSON, & WONETTA V & NORMAN G JOHNSON (LIFE)	41.5
N	S14	05-16-09	LOUIS AULENBACHER	20.0
O	S15	05-16-8	LOUIS AULENBACHER	21.0
P	S16	05-16-07	LOUIS AULENBACHER	50.0
Q	S17	05-16-10	FRANK P LAUTAR, EST.	5.0
R	S18	05-16-06	JOHN SWIERKOS	134.05
S	S19	05-10-19	LOUIS AULENBACHER	3.209
T	S20	05-10-20	LOUIS AULENBACHER	3.554
U	S21	05-10-21	LOUIS AULENBACHER	3.677
V	S22	05-10-22	LOUIS AULENBACHER	4.276
W	S23	05-10-12.1	JOHN PAUL SMITH, JR ET AL	8.86

Adjoining Parcels Ownership Table				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
	S24	05-10-10	LOUIS DELBERT VAN SCYOC	24.50
	S25	05-10-09	HERBERT M AULENBACHER, JR	141.43
	S26	05-16-03	DONNA VIVIAN YOHO	71.205
	S27	05-16-04	JOHN SWIERKOS	0.96
	S28	05-16-25	JOHN SWIERKOS	79.04
	S29	05-16-18	JOHN SWIERKOS	10.0
	S30	09-13-04	LOUIS AULENBACHER	100.191
	S31	09-16-05	ROBERT M & NANCY R MCCARDLE	133.0
	S32	05-17-07	ALPINE FARM LLC	10.8
	S33	05-17-02	COLBY HOMER & BELLE M YOHO	104.08
	S34	05-16-21	JAMES M RUCKMAN ET UX	60.75
	S35	05-17-16	GLEN A GUNTO	9.702
	S36	05-16-15.1	GLEN A GUNTO	10.17
	S37	05-17-15	GLEN A GUNTO	10.220
	S38	05-18-13	SOUTHERN COUNTRY FARMS, INC	11.054
	S39	05-18-13.9	ROY & RENEE BUTLER (LIFE)	9.603
	S40	05-18-13.4	RENEE D STREIGHT BUTLER (LIFE)	9.938
	S41	05-17-3.1	WILBUR L RIDDLE, ET UX	10.148
	S42	05-17-1.6	LOLA M SLAUGHTER	6.347
	S43	05-17-1.5	DONNIE R & LOLA M SLAUGHTER	5.607
	S44	05-17-1.2	DONNIE R & LOLA M SLAUGHTER	5.073
	S45	05-17-1.3	JODY & MICHELLE ANDERSON	5.00
	S46	05-17-1.1	DONNIE R & LOLA M SLAUGHTER	8.076
	S47	05-17-1.4	DONNIE R & LOLA M SLAUGHTER	8.844
	S48	05-17-14	SOUTHERN COUNTRY FARMS, INC	7.314
	S49	05-17-13	ROY E & RENEE D BUTLER	5.433
	S50	05-24-01	LUNDA L HENDRICKSON	175.0
	S51	05-10-15	TERRY A & JODI L HARDING	120.805
	S52	05-16-5	JOHN SWIERKOS	52.07
	S53	05-10-11	JOSEPH LEE CROW	1
	S54	05-10-12	JOSEPH LEE CROW	11.279
	S55	05-10-22.1	BRADLEY L & CONNIE L HUBBARD	2.305
	S56	09-18-03	BERTHA L KLUG	1.33
	S57	09-18-04	BERTHA L KLUG	1.0
	S58	09-16-02	ROBERT & NANCY MCCARDLE	53.40
	S59	05-10-13	JOSEPH LEE CROW	12.18
	S60	05-10-13.1	DAVID LEE QUIGLEY, JR	2.88



LEGEND	
	LEASED TRACTS
	SURFACE TRACTS
	WELL LATERAL
	POINT PLEASANT LEGS
	UNIT BOUNDARY
	LEASE # (SEE 6A1 FORM)
	PROPOSED FIRST TAKE POINT
	PROPOSED LAST TAKE POINT

08/19/2022



TUG HILL

OPERATING

OPERATOR'S
WELL #: PENDLETON N-10HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API: 47-051-02455

WELL PLAT
PAGE 2 OF 3
DATE: 08/03/2022


**PENDLETON LEASE
WELL N-10HU
352.3648± ACRES**

LEASE ID	TMP	TAG	GRANTOR, LESSOR, ETC.	DEED BOOK/PAGE	
10*14114	5-17-6	A	ELI & FANNIE MAE WENGERD	671	323 ✓
10*19638	9-16-3	B	GREGORY J HALL, ET AL	944	461 ✓
10*14114	5-17-5	C	ELI & FANNIE MAE WENGERD, ET AL	671	323 ✓
10*14125	5-17-4	D	SHIBEN ESTATES INC	695	460 ✓
10*18666	5-16-13	E	LESLIE A RUBCICH, ET AL	936	83 ✓
10*21131	9-16-1	F	ROBERT M MCCARDLE & NANCY R MCCARDLE, ET AL	951	621 ✓
10*18526	9-13-1	G	ANN TURNER YOUNG SHRIVER, ET AL	933	591 ✓
10*14099	5-16-12	H	SOUTHERN COUNTRY FARMS INC	666	489 ✓
10*14099	5-17-3	I	SOUTHERN COUNTRY FARMS INC	666	489 ✓
10*18126	5-16-17	J	BARBARA ANN ADKINS JOHNSON, ET AL	929	556 ✓
10*22310	5-16-11	K	ROMAN CATHOLIC DIOCESE OF WHEELING MARK E BRENNAN BISHOP	964	520 ✓
10*18526	9-13-3	L	ANN TURNER YOUNG SHRIVER, ET AL	933	591 ✓
10*19256	9-13-2	M	RACHEL B OSTRANDER, ET AL	915	516 ✓
10*18339	5-16-9	N	RESOURCE MINERALS HEADWATER I LP, ET AL	940	448 ✓
10*18339	5-16-8	O	RESOURCE MINERALS HEADWATER I LP, ET AL	940	448 ✓
10*18339	5-16-7	P	RESOURCE MINERALS HEADWATER I LP, ET AL	940	448 ✓
10*19551	5-16-10	Q	KAREN A JOSEPH, ET AL	937	359 ✓
10*21468	5-16-6	R	JOHN A SWIERKOS	953	317 ✓
10*21468	5-10-19	S	JOHN A SWIERKOS, ET AL	953	317 ✓
10*18396	5-10-20	T	LOUIS AULENBACHER, ET AL	932	468 ✓
10*18396	5-10-21	U	LOUIS AULENBACHER, ET AL	932	468 ✓
10*18396	5-10-22	V	LOUIS AULENBACHER, ET AL	932	468 ✓
10*21468	5-10-12.1	W	JOHN A SWIERKOS, ET AL	953	317 ✓



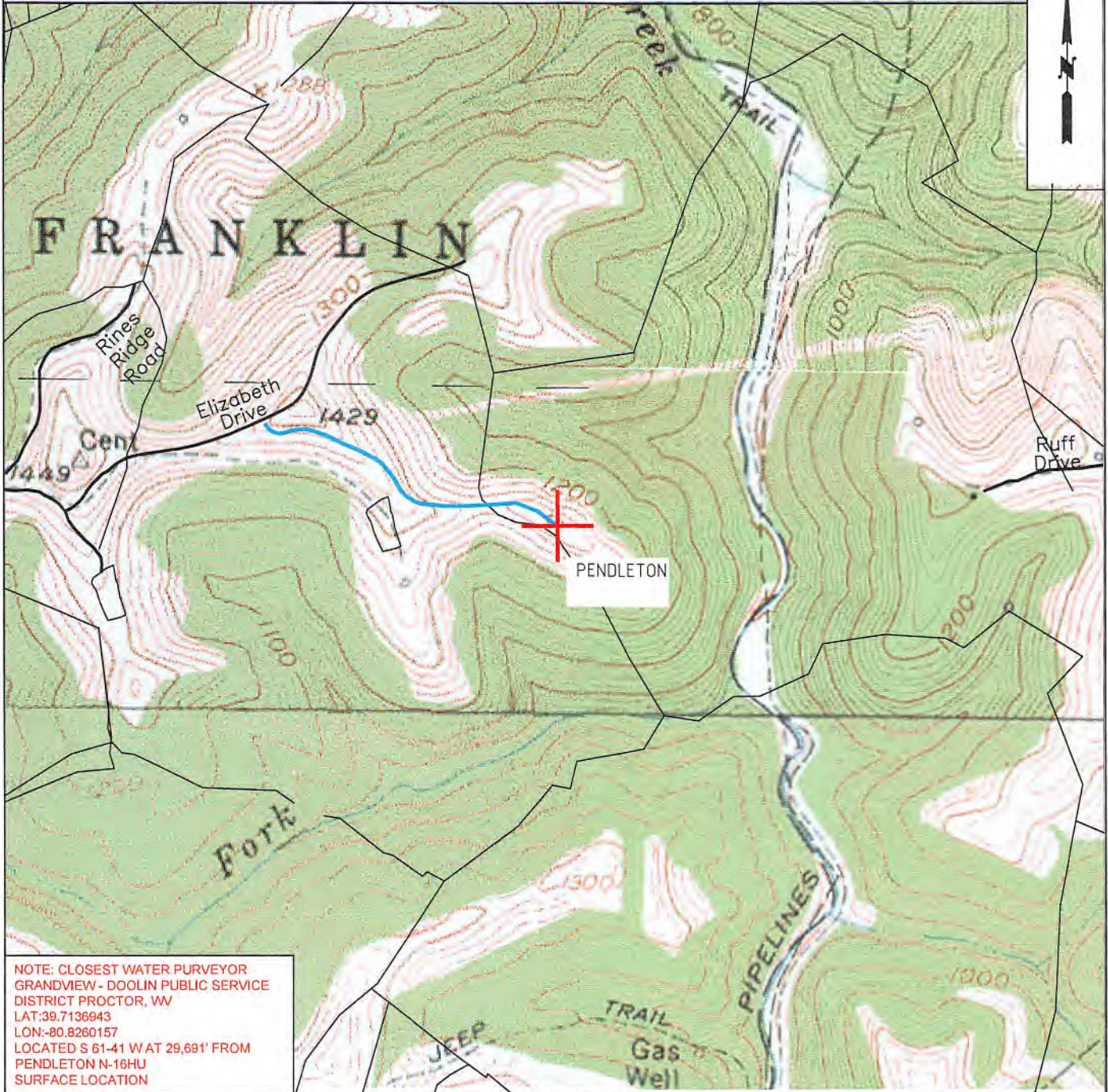
P.S. 708 *David L Jackson*

08/19/2022


 <p>TUG HILL OPERATING</p>	OPERATOR'S	<p>WELL PLAT</p> <p>PAGE 3 OF 3</p> <p>DATE: 08/03/2022</p>	
	WELL #:		PENDLETON N-10HU
	DISTRICT:		Franklin
	COUNTY:		Marshall
	STATE:		WV
API:	47-051-02455		

Pendleton Pad

THERE APPEAR TO BE NO (O) RESIDENCES WITHIN 2,000'.



NOTE: CLOSEST WATER PURVEYOR
 GRANDVIEW - DOOLIN PUBLIC SERVICE
 DISTRICT PROCTOR, WV
 LAT:39.7136943
 LON:-80.8260157
 LOCATED S 61-41 W AT 29,691' FROM
 PENDLETON N-16HU
 SURFACE LOCATION

 TUG HILL OPERATING	OPERATOR 494510851	TOPO SECTION	LEASE NAME
	TUG HILL OPERATING, LLC 380 SOUTHPOINTE BLVD SUITE 200 CANONSBURG, PA 15317	GLEN EASTON 7.5'	PENDLETON
	SCALE: 1" = 1000'	DATE: DATE: 03-16-2022	