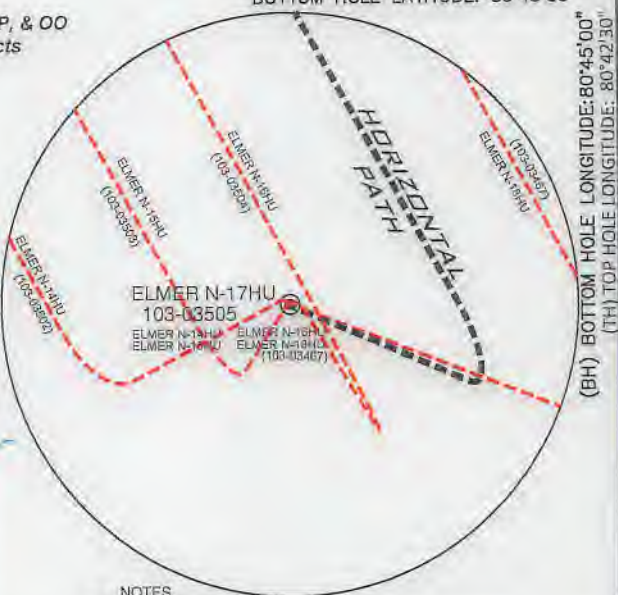
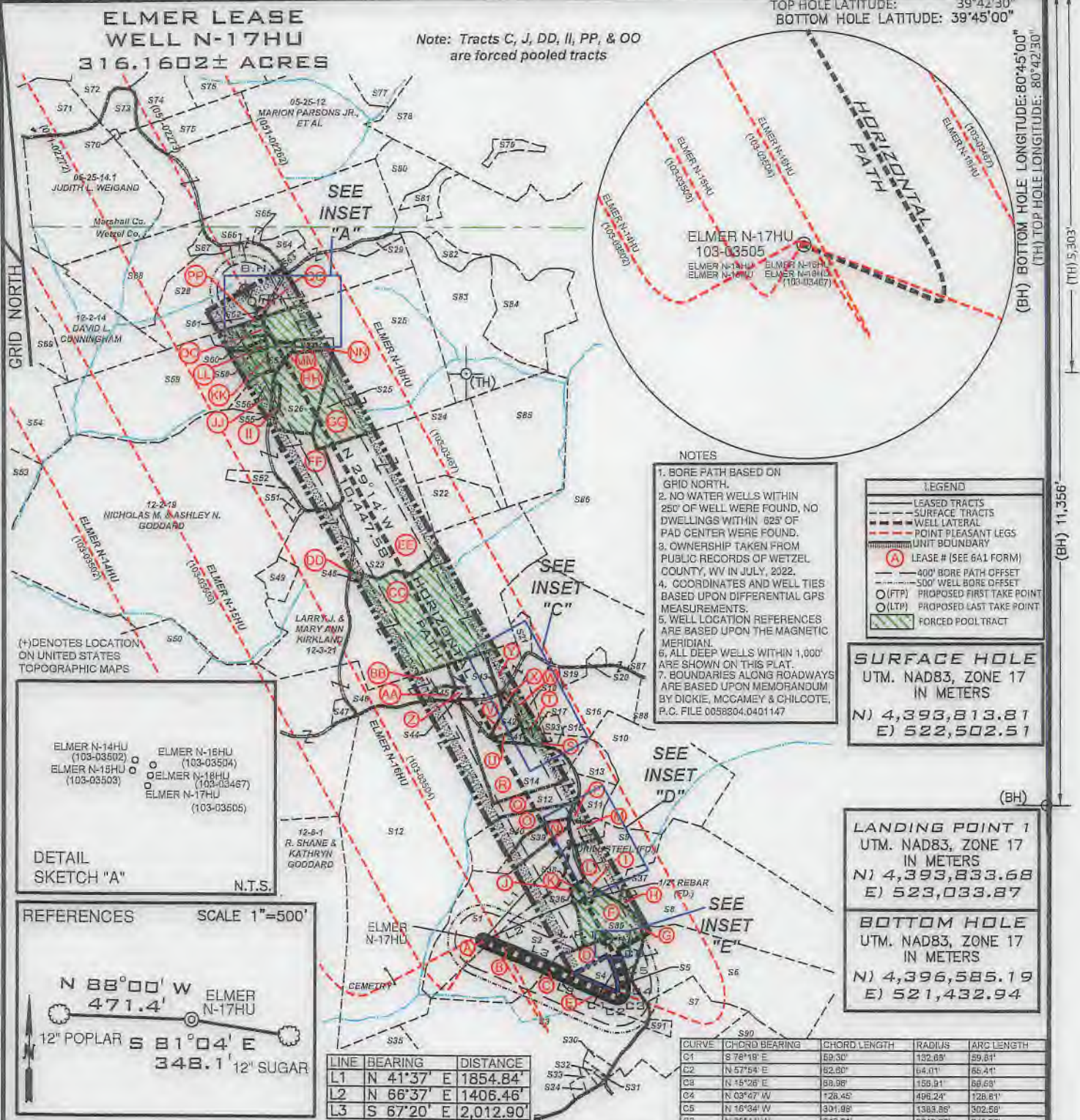


# ELMER LEASE WELL N-17HU 316.1602± ACRES

Note: Tracts C, J, DD, II, PP, & OO  
are forced pooled tracts

TOP HOLE LATITUDE: 39°42'30"  
BOTTOM HOLE LATITUDE: 39°45'00"



- 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 WETZEL COUNTY, WV IN JULY, 2022.
  4. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
  5. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
  6. ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
  7. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058804.0401147

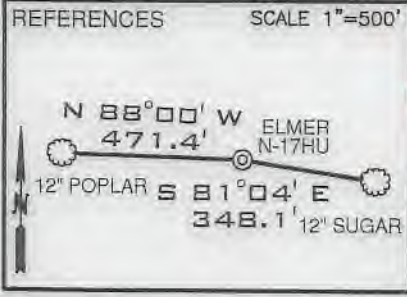
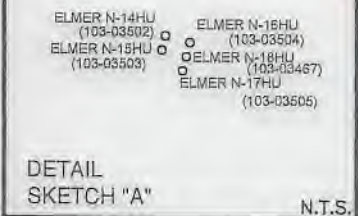
**LEGEND**

- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (O) (FTP) PROPOSED FIRST TAKE POINT
- (O) (LTP) PROPOSED LAST TAKE POINT
- FORCED POOL TRACT

**SURFACE HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,393,813.81  
E) 522,502.51

**LANDING POINT 1**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,393,833.68  
E) 523,033.87

**BOTTOM HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,396,585.19  
E) 521,432.94



LINE	BEARING	DISTANCE
L1	N 41°37' E	1854.84'
L2	N 66°37' E	1406.46'
L3	S 67°20' E	2,012.90'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 78°18' E	89.30'	132.89'	89.81'
C2	N 57°54' E	82.80'	64.01'	66.41'
C3	N 15°28' E	80.98'	156.81'	86.68'
C4	N 03°47' W	128.45'	496.24'	128.81'
C5	N 16°34' W	301.98'	1383.88'	302.68'
C6	N 25°44' W	340.01'	2612.09'	340.25'

FILE NUMBER \_\_\_\_\_  
 DRAWING NUMBER ELMER\_N-17HU\_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  
304-623-8851



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 \_\_\_  
 LOCATION ELEVATION 1276.50' WATERSHED (HUC 10) PROCTOR CREEK OF FRENCH CREEK - OHIO RIVER (HUC-10)  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE WILEYVILLE 7.5' LEASE NUMBER SEE WW-6A1 FORM

SURFACE OWNER ELNORA TUTTLE HRS. ACREAGE 39.19  
 OIL & GAS ROYALTY OWNER HENRY & NANCY GARNER - SEE WW-6A1 LEASE ACREAGE 39.19  
 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 PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 ESTIMATED DEPTH TVD: 11,966' TMD: 23,000'  
 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

10/21/2022

COUNTY NAME  
PERMIT



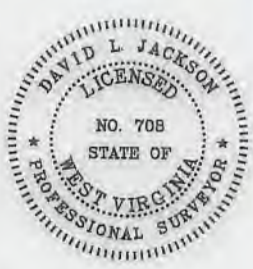
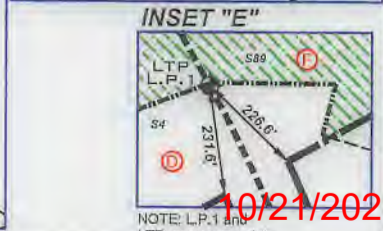
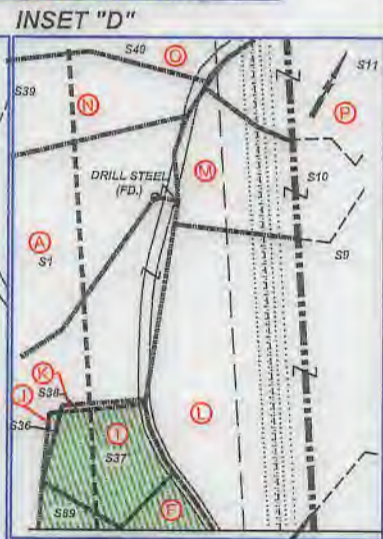
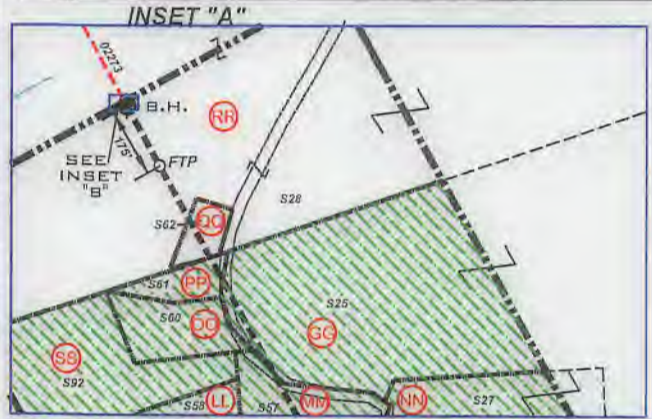
Form WV6

**ELMER LEASE  
WELL N-17HU  
316,1602± ACRES**

\* FORCED POOLED TRACTS ARE HIGHLIGHTED

Tags	Number	Tax Map - Parcel	Surface Owner	Acres
A	S1	12-8-15	ELNORA TUTTLE HRS.	39.19
B	S2	12-8-16	CHARLES & BETTY HUGGINS	39.13
C	S3	12-8-17	NANCY D. TRUAX	95.85
D	S4	12-8-21.1	LINDA M. STOUT	15.26
E	S5	12-8-22.1	BARRY C. KIRKLAND	7.401
G	S6	12-8-23	JACOB WOODROW & MARY JOSEPHINE NICE	59
	S7	12-8-32	DAVID TODD & CINDY L. BATES & CHARLES M. THOMAS	27.297
H	S8	12-8-17	JACOB WOODROW & MARY JOSEPHINE NICE	85.69
L	S9	12-8-4	JACOB WOODROW & MARY JOSEPHINE NICE	20.893
M	S10	12-8-4.5	JACOB WOODROW & MARY JOSEPHINE NICE	51.107
P	S11	12-8-4.1	JACOB WOODROW & MARY JOSEPHINE NICE	6.171
Q	S12	12-8-2	R. SHANE & KATHRYN GODDARD	178
	S13	12-8-4.3	BRADY G. & SHARON L. HOWELL	5.59
R	S14	12-8-3	R. SHANE & KATHRYN GODDARD	31.13
S	S15	12-8-31	DOUGLAS & SUZANNE ESTEP	3.25
Y	S16	12-3-30.4	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & SUZANNE ESTEP (RAYMOND ESTEP- L/E)	81.82
T	S17	12-3-31.1	WILLIAM NICE	1.31
W	S18	12-3-31	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & SUZANNE ESTEP (RAYMOND ESTEP- L/E)	4.69
	S19	12-3-30.2	APRIL ROSE & DONALD ALLEN POSTLETHWAIT	1.67
	S20	12-3-30	MARY ROSE YODHO - L/E; APRIL ROSE POSTLETHWAIT	0.48
	S21	12-3-29	FRIEND V. ESTEP (RAYMOND F. ESTEP- L/E)	2.9
	S22	12-3-14.1	MATTHEW D. HALL	13
EE	S23	12-3-13	LARRY J. & MARY ANN KIRKLAND	95
	S24	12-3-14	ROBERT W. BAXTER, FREDERICK J. BAXTER & ANN C. LINGER	27
GG	S25	12-3-4	MARY HOHMAN ET AL	85
HH	S26	12-3-31	DIANA & ROBERT L. SMITH	15.78
NN	S27	12-3-32	ROBERT LEE & DIANA G. SMITH	2.48
RR	S28	5-25-11.2	JAMES W. KLUG	110.491
	S29	12-3-42	I. M. KLUG	2.617
	S30	12-8-20.1	PAUL J. BLAKE	1.5
	S31	12-8-20.5	PAUL J. BLAKE	0.25
	S32	12-8-20.9	JOSHUA M. & COURTNEY R. NEFF	0.4
	S33	12-8-20.8	JOSHUA M. & COURTNEY R. NEFF	0.99
	S34	12-8-20.6	JOHN G. & DEBRA D. THROCKMORTON	1.046
	S35	12-8-20.5	JOE B. MILLER & GERALD & SUE YEATER	44.85
J	S36	12-8-4.4	CHARLES & BETTY HUGGINS	0.69
I	S37	12-8-4.2	BRENT A. & KIMBERLY J. EDDY	1.861
K	S38	12-8-16.1	BRENT A. & KIMBERLY J. EDDY	0.06
N	S39	12-8-14	EDWARD C. & SANDRA K. MURRINER	5.33
O	S40	12-8-13	EDWARD C. & SANDRA K. MURRINER	15
U	S41	12-3-32.1	TIMOTHY L. & LEA ANN SUMMERS	1.78
V	S42	12-3-32	TIMOTHY L. SUMMERS	2.32
X	S43	12-3-30.3	TIMOTHY L. SUMMERS	0.61
Z	S44	12-3-45	ANTIOCH CHURCH	0.774
AA	S45	12-3-28	ANTIOCH CHURCH	1
BB	S46	12-8-1.1	R. SHANE & KATHRYN GODDARD	92.69
	S47	12-8-1.2	JOSH GODDARD	1.81
DD	S48	12-3-1	LARRY J. & MARY ANN KIRKLAND	0.47
	S49	12-3-13.1	ZACHARY J. KIRKLAND	5
	S50	12-2-22.1	DAVID A. NICE	54.66
	S51	12-3-48	RONALD W. & JULIANA NICE	1
	S52	12-3-12	RODNEY DEAN JACKSON	3.625
	S53	12-2-12	BERYLE E. MASON	59.9
	S54	12-2-13	JAY S. BOOTH; DANIEL T. BOOTH & DIANE BETH OVERDORFF	100
II	S55	12-3-49	AMITA LARELL SLOUGH	1.12
JJ	S56	12-3-49.3	DEREK L. BAKER	5.21
MM	S57	12-3-49.8	JOSEPH P. & BARBARA A. CAIN	3.619
LL	S58	12-3-49.2	ERIN HUBBS	0.621
KK	S59	12-3-49.7	JOSEPH P. & BARBARA A. CAIN	67.3
QQ	S60	12-3-49.6	STEVEN P. WAYMAN	1.009
PP	S61	12-3-49.5	HAZEL M. BLAIR	0.451
QQ	S62	12-3-1	JAMES W. KLUG	0.375
	S63	12-3-48	ADAM W. FERRELL & BRITTANY M. LOY	1.97
	S64	12-3-49	LOGAN & AMY TAYLOR	3.814

Tags	Number	Tax Map - Parcel	Surface Owner	Acres
	S65	12-3-47	WETZEL CO. EMERGENCY AMBULANCE	0.5
	S66	12-3-44	JAMES A. & JO C. ESTEP	1.1
	S67	05-25-11.1	EDWARD W. & DIANNA KLUG	2.343
	S68	05-25-11.4	EDWARD W. KLUG, ET UX	32.787
	S69	12-2-14.2	JOHN G. JR. & GERALDINE W. ROGERS	22.0007
	S70	05-25-13.4	PARSONS CEMETERY	0.382
	S71	05-25-14	ROY F. YODHO	23
	S72	05-25-1	MICHAEL L. MASON	35.43
	S73	05-25-13.2	DAVID A. KLUG	5.89
	S74	05-25-13	WILLIAM M. FERDA, JR. & STEPHANIE L. PAUCKA	16.014
	S75	05-25-12.1	KENT & BETTY MASON	15
	S76	05-25-1.5	RYAN J. BRATTON	21.35
	S77	05-25-2	JAMES W. KLUG	122.3
	S78	05-25-3	S.D. FERTITTA, ET UX	181.548
	S79	05-25-3.1	S.D. FERTITTA, ET UX	3.022
	S80	05-25-10	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	18.75
	S81	05-25-10.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	5.25
	S82	12-3-41	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	4.102
	S83	12-3-41.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	74.138
	S84	12-3-4.1	TERRY L. & TAMMY J. KIRKLAND, AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	10.5
	S85	12-3-15	ROBERT W. BAXTER, FREDERICK J. BAXTER & ANN C. LINGER	38
	S86	12-3-22	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & JOAN ESTEP (RAYMOND ESTEP - L/E)	22.5
	S87	12-3-30.1	JOAN & MICHAEL J. ESTEP	1.75
	S88	12-3-33	FRIEND V. ESTEP, MICHAEL & JOAN ESTEP & DOUGLAS & JOAN ESTEP (RAYMOND ESTEP - L/E)	58.32
F	S89	12-3-21	EDUARDO C. & SONYA R. DEGUZMAN	11.51
	S90	12-8-32.8	DAVID TODD & CINDY L. BATES	36.425
	S91	12-8-32.6	CHARLES W. THOMAS, JR.	1.309
SS	S92	p/o 12-3-39 & 30.4	JOSHUA D. LEMASTERS & ERIN LEMASTERS	3.602
	S93	p/o 12-3-39 & 30.4	DOUGLAS & SUZANNE ESTEP	0.145



P.S. 708 *David L Jackson*

10/21/2022  
NOTE: L.P.1 and LTP are same point.



**TUG HILL  
OPERATING**

OPERATOR'S  
WELL #: ELMER N-17HU  
DISTRICT: Proctor  
COUNTY: Wetzel  
STATE: WV Mod  
API #: 47-103-03505

WELL PLAT  
PAGE 2 OF 3  
DATE: 07/28/2022  
REVISED: 09/28/2022



**ELMER LEASE  
WELL N-17HU  
316.1602± ACRES**

Lease ID	TMP	Tag	Granor, Lessor, Etc.	Deed Book/Page	
10*31435	12-8-15	A	HENRY AND NANCY GARNER	55	394
10*31435	12-8-16	B	HENRY AND NANCY GARNER	55	394
**FORCE POOL**	12-8-20	C	BRC MINERALS LP, ET AL	102A	501
10*31435	12-8-21.1	D	HENRY AND NANCY GARNER	55	394
10*31435	12-8-22.1	E	HENRY AND NANCY GARNER	55	394
10*31435	12-8-21	F	HENRY AND NANCY GARNER	55	394
10*31435	12-8-23	G	HENRY AND NANCY GARNER	55	394
10*40155	12-8-17	H	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*40155	12-8-4.2	I	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*40155	12-8-4.4	J	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-16.1	K	HENRY AND NANCY GARNER	55	394
10*40155	12-8-4	L	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*40155	12-8-4.5	M	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-14	N	HENRY AND NANCY GARNER	55	394
10*31435	12-8-13	O	HENRY AND NANCY GARNER	55	394
	12-8-4.1	P	ROY J GODDARD AND DOROTHY GODDARD, ROY O GODDARD	47A	197
10*31435	12-8-2	Q	HENRY AND NANCY GARNER	55	394
10*31435	12-8-3	R	HENRY AND NANCY GARNER	55	394
10*31435	12-3-31	S	HENRY AND NANCY GARNER	55	394
10*24010	12-3-39.1	T	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-32.1	U	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-32	V	JOHN ROBINSON DAVIS, ET AL	215A	419
10*24010	12-3-39	W	JOHN ROBINSON DAVIS, ET AL	215A	419
10*31435	12-3-30.3	X	HENRY AND NANCY GARNER	55	394
10*31435	12-3-30.4	Y	HENRY AND NANCY GARNER	55	394
10*31435	12-3-45	Z	HENRY AND NANCY GARNER	55	394
10*31435	12-3-28	AA	HENRY AND NANCY GARNER, ET AL	55	394
10*31435	12-8-1.1	BB	HENRY AND NANCY GARNER	55	394
**FORCE POOL**	12-3-21	CC	RACHEL AND JACOB COFFIELD, ET AL	55	329
10*39463	12-3-4	GG	J P COOPER ET AL	56	245
10*39463	12-3-3.1	HH	J P COOPER ET AL	56	245
10*39463	12-3-3	II	J P COOPER ET AL	56	245
10*39463	12-3-4.2	JJ	J P COOPER ET AL	56	245
10*39463	12-3-4.7	KK	J P COOPER ET AL	56	245
10*39463	12-3-4.8	LL	J P COOPER ET AL	56	245
10*39463	12-3-4.3	MM	J P COOPER ET AL	56	245
10*39463	12-3-2	NN	J P COOPER ET AL	56	245
10*39463	12-3-4.6	OO	J P COOPER ET AL	56	245
10*39463	12-3-4.5	PP	J P COOPER ET AL	56	245
10*22496	12-3-1	QQ	JAMES W KLUG	923	543
10*22496	5-25-11.2	RR	JAMES W KLUG	923	543

DEEP WELLS WITHIN 2400' OF PROPOSED WELL'S SURFACE LOCATION AND/OR WITHIN 500' OF WELL LATERAL

API	OPERATOR
47-051-02273	Tug Hill Operating, LLC
47-103-03467	Tug Hill Operating, LLC
47-103-03502	Tug Hill Operating, LLC
47-103-03503	Tug Hill Operating, LLC
47-103-03504	Tug Hill Operating, LLC



P.S. 708

*David L Jackson*

10/21/2022



**TUG HILL  
OPERATING**

OPERATOR'S  
WELL #: ELMER N-17HU  
DISTRICT: Proctor  
COUNTY: Wetzel  
STATE: WV **MOD**  
API #: 47-103-03505

WELL PLAT  
PAGE 3 OF 3  
DATE: 07/28/2022  
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