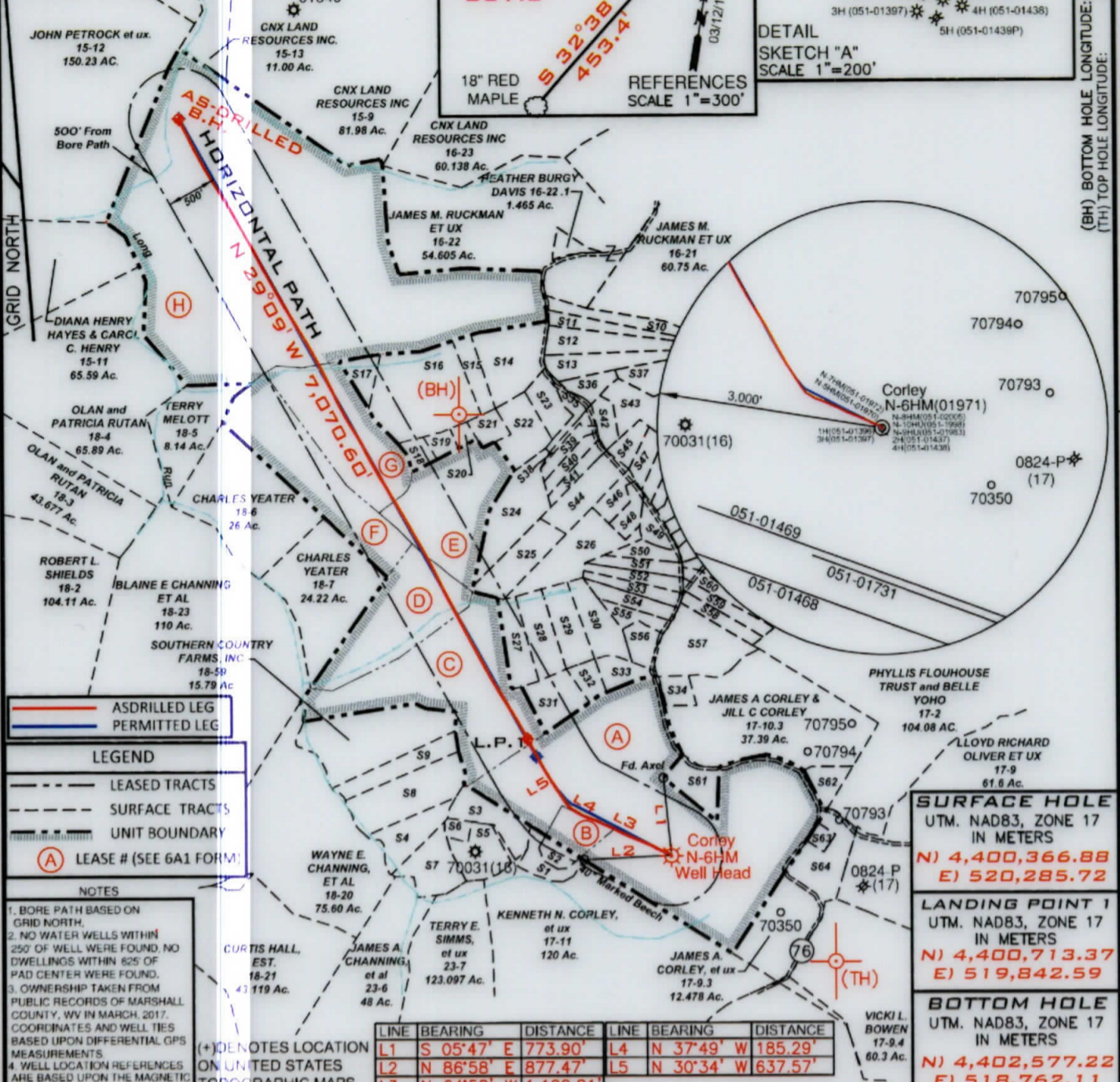


(BH) 8,748' (TH) 3,768'

CORLEY LEASE WELL N-6HM
351.749± ACRES



TOP HOLE LATITUDE: 39°47'30"
 BOTTOM HOLE LATITUDE: 39°47'30"
 N-7HM(051-01972) N-8HM(051-02005)
 N-6HM(051-01971) N-10HU(051-1998)
 N-5HM(051-01970) N-8HM(051-01983)
 1H (051-01396) 2H (051-01437)
 3H (051-01397) 4H (051-01438)
 5H (051-01439P)

DETAIL SKETCH "A" SCALE 1"=200'

SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,366.88
 E) 520,285.72

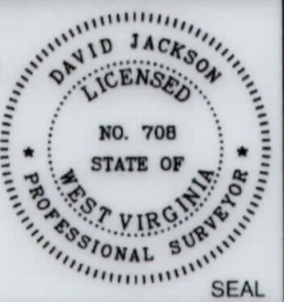
LANDING POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,713.37
 E) 519,842.59

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,402,577.22
 E) 518,762.11

FILE NUMBER _____
 DRAWING NUMBER CORLEY_WP_N-6HM
 SCALE 1" = 1500'
 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

P.S. 708 *David L Jackson*



JACKSON SURVEYING INC.
 2413 East Pike St. #112
 Clarksburg, WV 26301
 304-623-5851

DATE: OCTOBER 22, 2017
 OPERATORS WELL NO. CORLEY N-6HM
 API WELL NO. 47-051-01971
 STATE WV COUNTY MARSHALL PERMIT _____

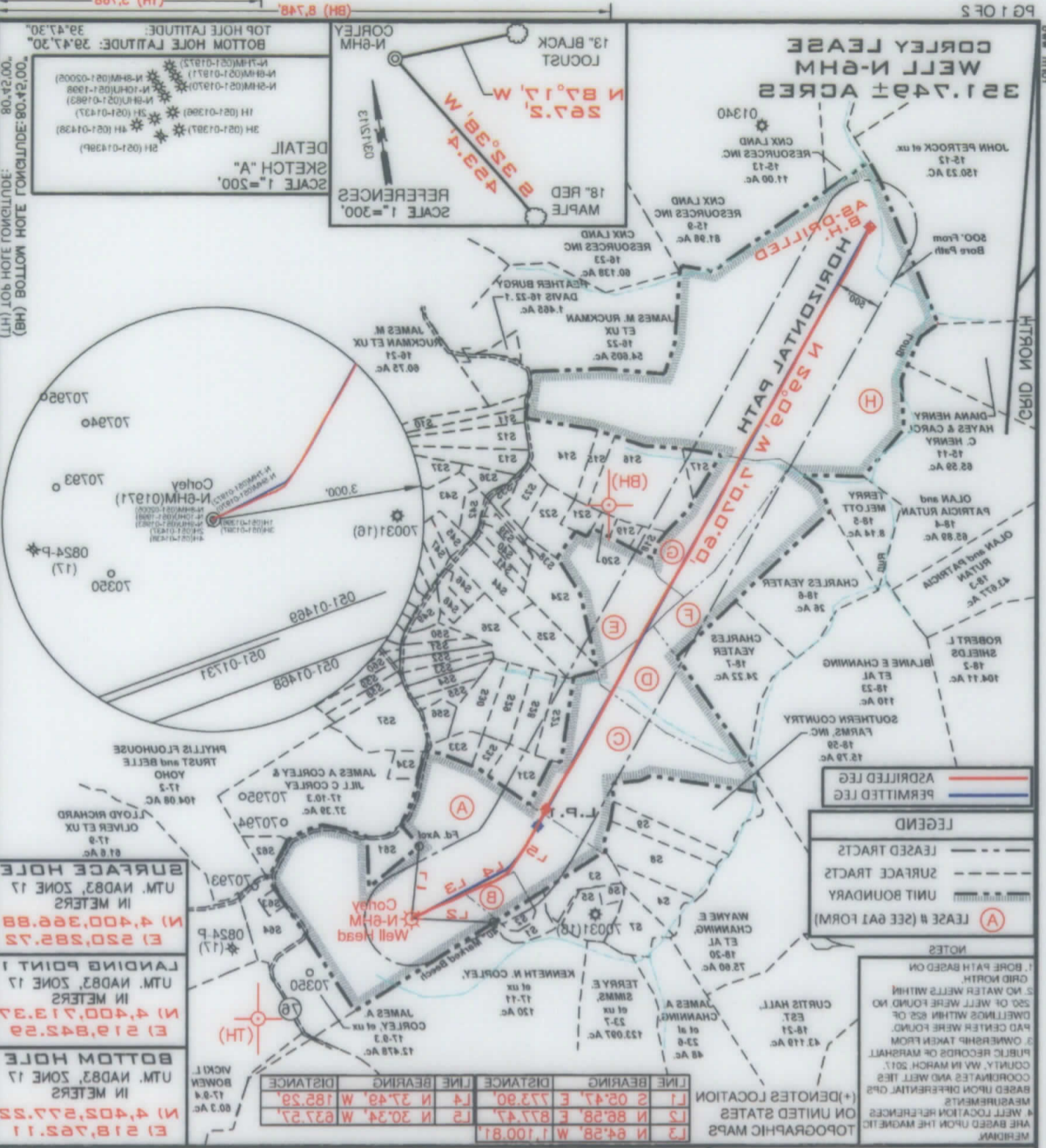
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION ELEVATION 1255.3' WATERSHED (HUC 10) Fish Creek
 DISTRICT Franklin COUNTY Marshall
 QUADRANGLE Powhatan Point 7.5' LEASE NUMBER SEE 6A1 Form

SURFACE OWNER James A. & Jill C. Corley, et al ACREAGE 92.61
 OIL & GAS ROYALTY OWNER James A. & Jill C. Corley, et al LEASE ACREAGE 92.61
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ASDRILLED
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 TARGET FORMATION Marcellus ESTIMATED DEPTH TVD: 6,623' TMD: 14,316'

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

COUNTY NAME
 PERMIT



WV DEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

GRADE GPS
SUBMETER MAPPING
PROVEN SOURCE

OF ACCURACY 1/200
MINIMUM DEGREE
SCALE 1" = 1500'
DRAWING NUMBER CORLEY_WP-N-6HM
FILE NUMBER

P.S. 708

David Jackson

JACKSON SURVEYING INC.
2413 East Pine St W112
Charleston, WV 25301
304-823-0881

PROFESSIONAL SURVEYOR
WEST VIRGINIA
STATE OF
NO. 708
LICENSED
DAVID JACKSON

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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

DATE: OCTOBER 22, 2017

APR WELL NO. 47-051-01971
OPERATORS WELL NO. CORLEY-N-6HM

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

LOCATION ELEVATION 1252.3' WATERSHED (HUC 10) Fish Creek

DISTRICT Franklin COUNTY Marshall

QUADRANGLE Powhatan Point 7.5' LEASE NUMBER SEE 6A1 Form

SURFACE OWNER James A. & Jill C. Corley et al ACREAGE 92.61
OIL & GAS ROYALTY OWNER James A. & Jill C. Corley et al LEASE ACREAGE 92.61

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORMATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) ASDRILLED

TARGET FORMATION Marcellus
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

ESTIMATED DEPTH TVD: 6623', TMD: 14736'
PLUG & ABANDON CLEAN OUT & REPLUG

PERMIT

**CORLEY LEASE
WELL N-6HM
351.749± ACRES**

GRID NORTH

PERMITTED

SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,400,366.79 E) 520,285.59
LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS N) 4,400,660.93 E) 519,870.68
BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,402,578.60 E) 518,763.51

Number	TAX MAP -PARCEL	ADJOINER OWNER	ACRES
S1	17-12	James A. & Jill C. Corley	3.33
S2	17-12.1	Williams Ohio Valley Midstream LLC	1.67
S3	18-13.8	Lori D. Carpenter	5.545
S4	18-29	Carl G Berg	5.319
S5	18-32	Kenneth E Rastall	5.335
S6	18-32.1	Lori D. Carpenter	1.165
S7	18-31	Kenneth E Rastall	6.94
S8	18-13.10	Carl Berg	10.88
S9	18-30	John Schmidt et al	5.46
S10	18-56	William E. O'Hara	3.965
S11	18-55	William E. O'Hara	3.202
S12	18-28	Dotson Harrison et ux	6.36
S13	18-28.1	Carol Diane Helmick	5.696
S14	18-11	Benjamin Robinson	10.883
S15	18-11.2	Edward Lee Burge Jr.	2.0
S16	18-11.1	Edward Lee Burge Jr.	18.0
S17	18-15	Edward Lee Burge Jr.	2.495
S18	18-10.1	David V Anderson Et Ux	1.65
S19	18-10.2	David V Anderson Et Ux	1.377
S20	18-10	David & Nancy Anderson	.907
S21	18-12	William L Wayne Et Ux	2.270
S22	18-15.1	Jason Blair	5.948
S23	18-15.2	Edward L. Burge	4.171
S24	18-13.3	Robert G Closterman	9.813
S25	18-17	Michael Fincham & Kezia Winters	6.555
S26	18-13.1	Cory A Holt	9.248
S27	18-34	Jodi A & Gary A Hall	5.002
S28	18-13.13	Glenn E & Sandra K Whisler	5.59
S29	18-13.6	Glenn Eugene Whisler Et Ux	5.384
S30	18-13.7	Victor W. Woods Jr. & Jessica L. Woods	5.255
S31	18-33	Sandra K & Glenn E Whisler	5.343
S32	18-13.14	Glenn E & Sandra K Whisler	2.116
S33	18-48	Marvin Dean Roberts Et Ux & Brad & Bridget Williams	2.920
S34	17-10.4	Ron & Winnie Murrin et al	2.01
S35	18-36	Ruth Mulligan Est.	2.003
S36	18-50	Steven G. Berisford	2.170
S37	18-13.2	Steven G. Berisford	6.023
S38	18-13.5	Bryan Wesley	1.023
S39	18-47	Robert Richard Pelley II & Susan Lynn Briggs	2.01
S40	18-46	Dale W. & Patricia Gardner	2.03
S41	18-45	Michael Fincham & Kezia Winters	2.07
S42	18-49	Tanner Butler	2.023
S43	18-13	Southern Country Farms Inc	11.054
S44	18-14	Michael Fincham & Kezia Winters	6.386
S45	18-37	John Wetzal	2.064
S46	18-40	Cory A Holt	2.237
S47	18-38	Marlon Connor	2.231
S48	18-41	Cory A Holt	2.308
S49	18-25	Charles & Marra Rayl	2.521
S50	18-44	Renee Streight	2.133
S51	18-43	Roy Butler	2.532
S52	18-51	Roger Hall Jr.	2.505
S53	18-52	Roger Hall Jr.	2.536
S54	18-61	Roger White Jr.	2.984
S55	18-57	Marvin Roberts	2.228
S56	18-18	Linda Coen	3.0
S57	18-19	Roger White Jr.	10
S58	18-41	Cory A Holt	2.308
S59	18-35	Mary Anderson	2.308
S60	18-58	Kevin Roberts	2.635
S61	17-10.1	James & Jill Corley	4.51
S62	17-10.2	Sidney Pozell Et Ux Ests	2.6
S63	17-9.1	Jeri J White	1
S64	17-9.2	Jeri J White	7.136



P.S. 708 *David L Jackson*



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Corley N-6HM
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-01971

WELL PLAT
PAGE 2 OF 2
DATE: 10/22/2019