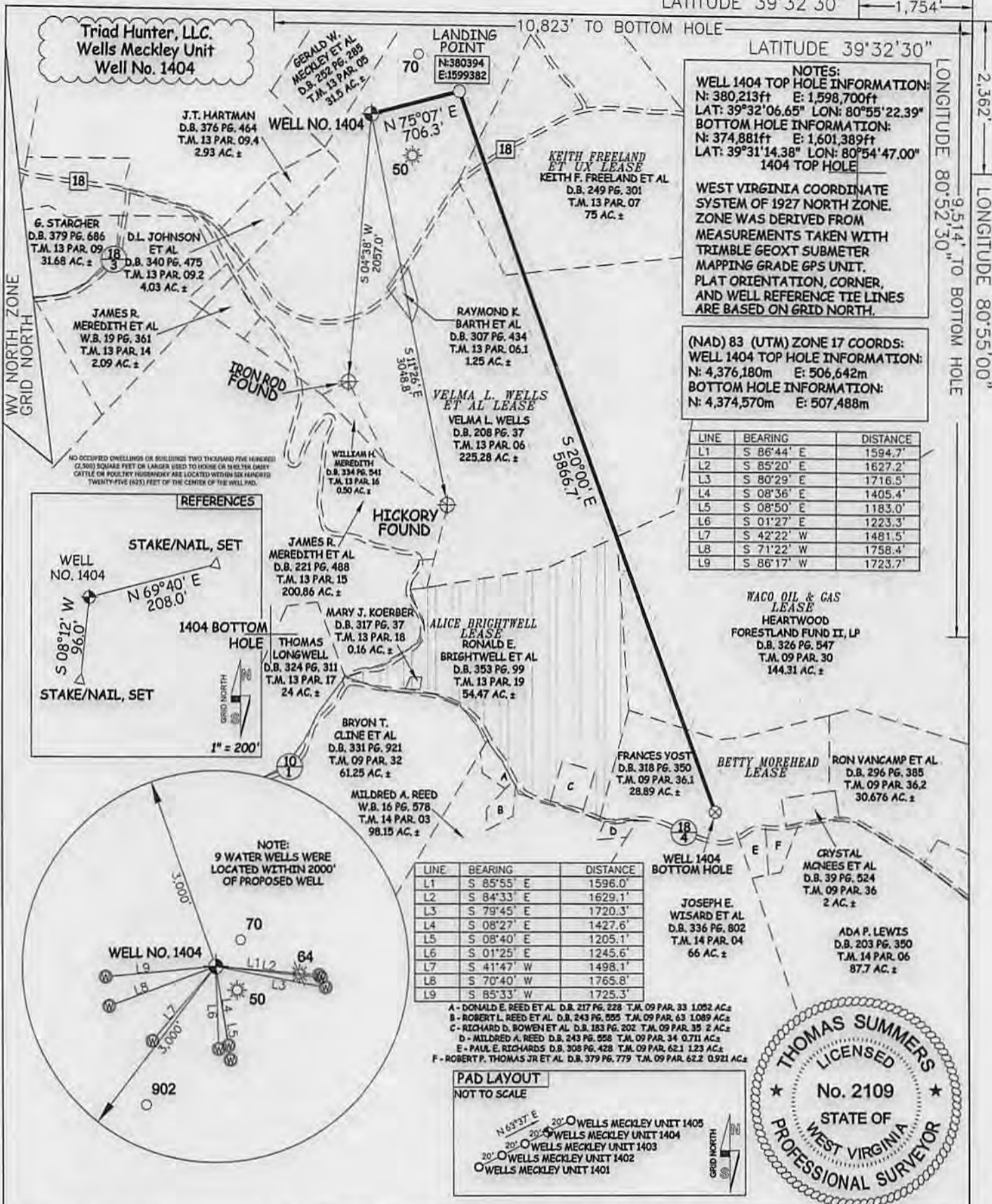


LATITUDE 39°32'30" 1,754'

LATITUDE 39°32'30"

LONGITUDE 80°52'30" TO BOTTOM HOLE
LONGITUDE 80°55'00"



NOTES:
WELL 1404 TOP HOLE INFORMATION:
N: 380,213ft E: 1,598,700ft
LAT: 39°32'06.65" LON: 80°55'22.39"
BOTTOM HOLE INFORMATION:
N: 374,881ft E: 1,601,389ft
LAT: 39°31'14.38" LON: 80°54'47.00"
1404 TOP HOLE

WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1404 TOP HOLE INFORMATION:
N: 4,376,180m E: 506,642m
BOTTOM HOLE INFORMATION:
N: 4,374,570m E: 507,488m

LINE	BEARING	DISTANCE
L1	S 86°44' E	1594.7'
L2	S 85°20' E	1627.2'
L3	S 80°29' E	1716.5'
L4	S 08°36' E	1405.4'
L5	S 08°50' E	1183.0'
L6	S 01°27' E	1223.3'
L7	S 42°22' W	1481.5'
L8	S 71°22' W	1758.4'
L9	S 86°17' W	1723.7'

WACO OIL & GAS LEASE
HEARTWOOD FORESTLAND FUND II, LP
D.B. 326 PG. 547
T.M. 09 PAR. 30
144.31 AC. ±

FRANCES YOST
D.B. 318 PG. 350
T.M. 09 PAR. 36.1
28.89 AC. ±

BETTY MOREHEAD LEASE
RON VANCAMP ET AL.
D.B. 296 PG. 385
T.M. 09 PAR. 36.2
30.676 AC. ±

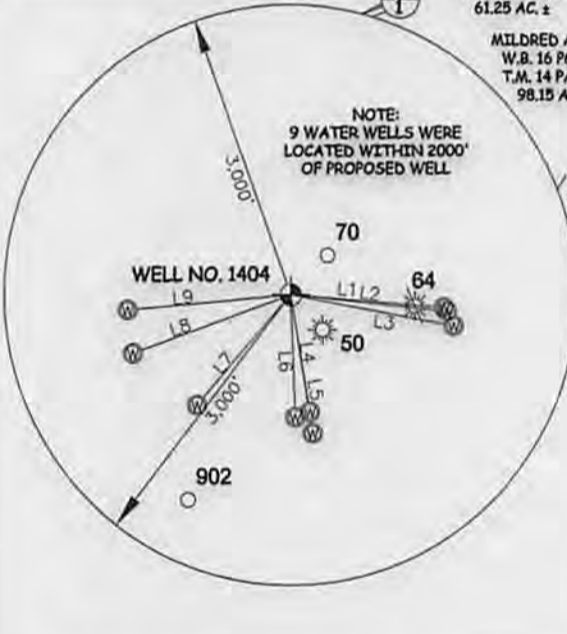
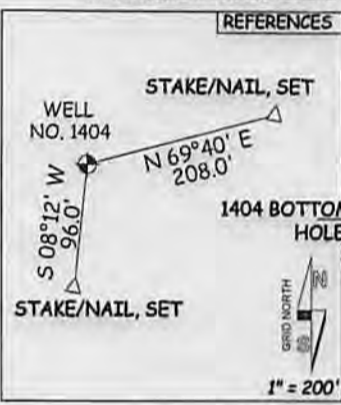
CRYSTAL MCNEES ET AL.
D.B. 39 PG. 524
T.M. 09 PAR. 36
2 AC. ±

JOSEPH E. WISARD ET AL.
D.B. 336 PG. 802
T.M. 14 PAR. 04
66 AC. ±

ADA P. LEWIS
D.B. 203 PG. 350
T.M. 14 PAR. 06
87.7 AC. ±

LINE	BEARING	DISTANCE
L1	S 85°55' E	1596.0'
L2	S 84°33' E	1629.1'
L3	S 79°45' E	1720.3'
L4	S 08°27' E	1427.6'
L5	S 08°40' E	1205.1'
L6	S 01°25' E	1245.6'
L7	S 41°47' W	1498.1'
L8	S 70°40' W	1765.8'
L9	S 85°33' W	1725.3'

A - DONALD E. REED ET AL. D.B. 217 PG. 228 T.M. 09 PAR. 33 1.052 AC. ±
B - ROBERT L. REED ET AL. D.B. 243 PG. 555 T.M. 09 PAR. 63 1.089 AC. ±
C - RICHARD D. BOWEN ET AL. D.B. 183 PG. 202 T.M. 09 PAR. 35 2 AC. ±
D - MILDRED A. REED D.B. 243 PG. 558 T.M. 09 PAR. 34 0.711 AC. ±
E - PAUL E. RICHARDS D.B. 308 PG. 428 T.M. 09 PAR. 62.1 1.23 AC. ±
F - ROBERT P. THOMAS JR ET AL. D.B. 379 PG. 779 T.M. 09 PAR. 62.2 0.921 AC. ±



JOB # 12-104WT
DRAWING # MECKLEY1404R2
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 958' WATERSHED PURSLEY CREEK
QUADRANGLE PADEN CITY 7.5' DISTRICT LINCOLN COUNTY TYLER
SURFACE OWNER VELMA L. WELLS ACREAGE 225.28 ACRES +/-
OIL & GAS ROYALTY OWNER VELMA L. WELLS ET AL; KEITH FREELAND ET UX; ALICE BRIGHTWELL; WACO OIL & GAS; BETTY MOREHEAD LEASE ACREAGE 225.28 ACRES +/-; 75 ACRES +/-; 54.47 ACRES +/-; 144.3125 ACRES +/-; 73.62 ACRES +/-
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,225' TVD 12,264' MD
WELL OPERATOR TRIAD HUNTER, LLC. DESIGNATED AGENT KIMBERLY ARNOLD
ADDRESS 777 POST OAK BLVD., SUITE 910 ADDRESS P.O. BOX 154
HOUSTON, TX 77056 WAVERLY, WV 26181

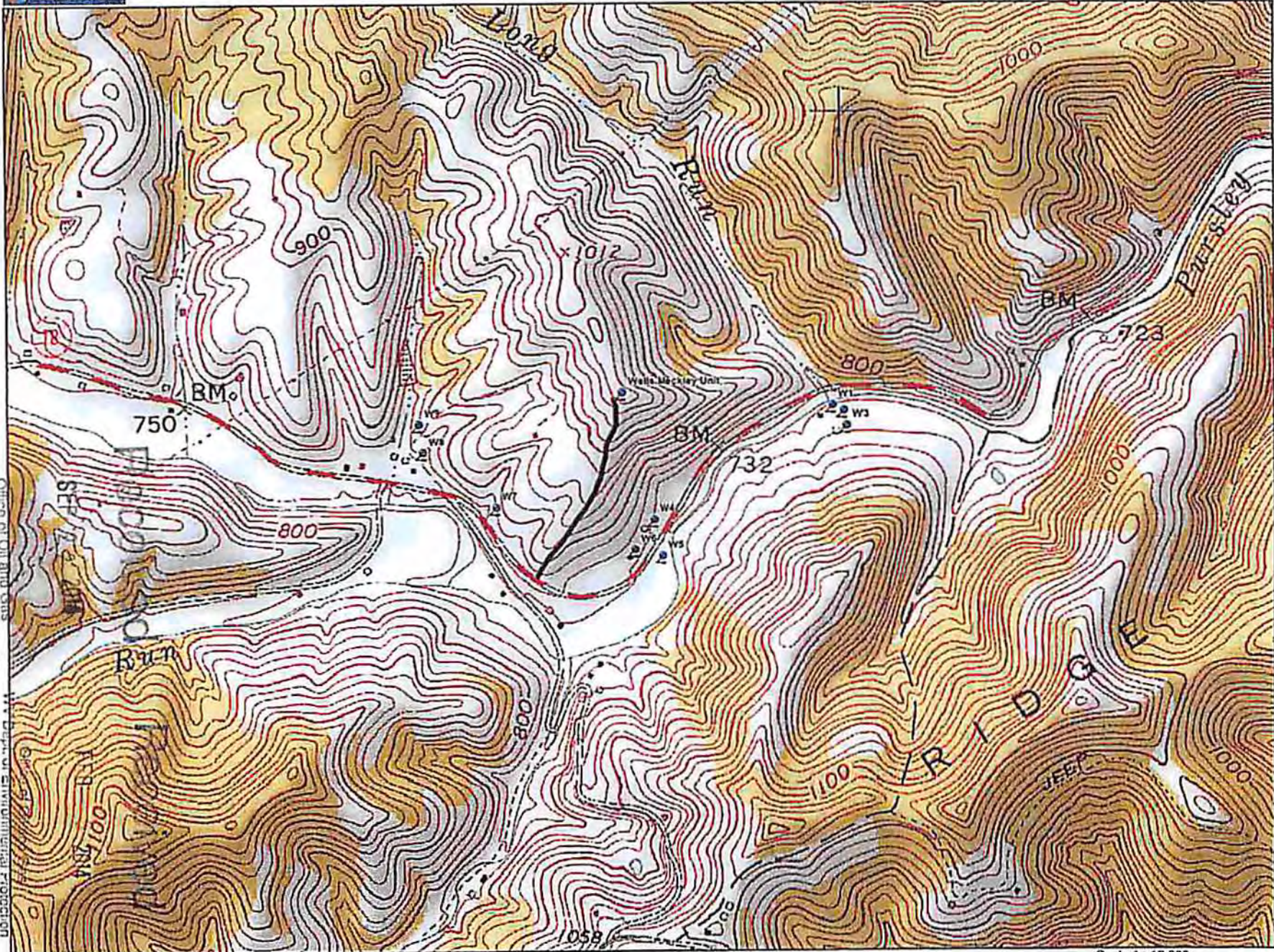
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

LEGEND
- - - Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
X Existing Fence
⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
DATE 09/17/14
OPERATOR'S WELL# WELLS MECKLEY UNIT #1404
API WELL # 47 - 095 - 02154 H6A
STATE COUNTY PERMIT



Office of Oil and Gas
VW Dept. of Environmental Protection

Office of Environmental Protection
VW Dept. of Environmental Protection

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