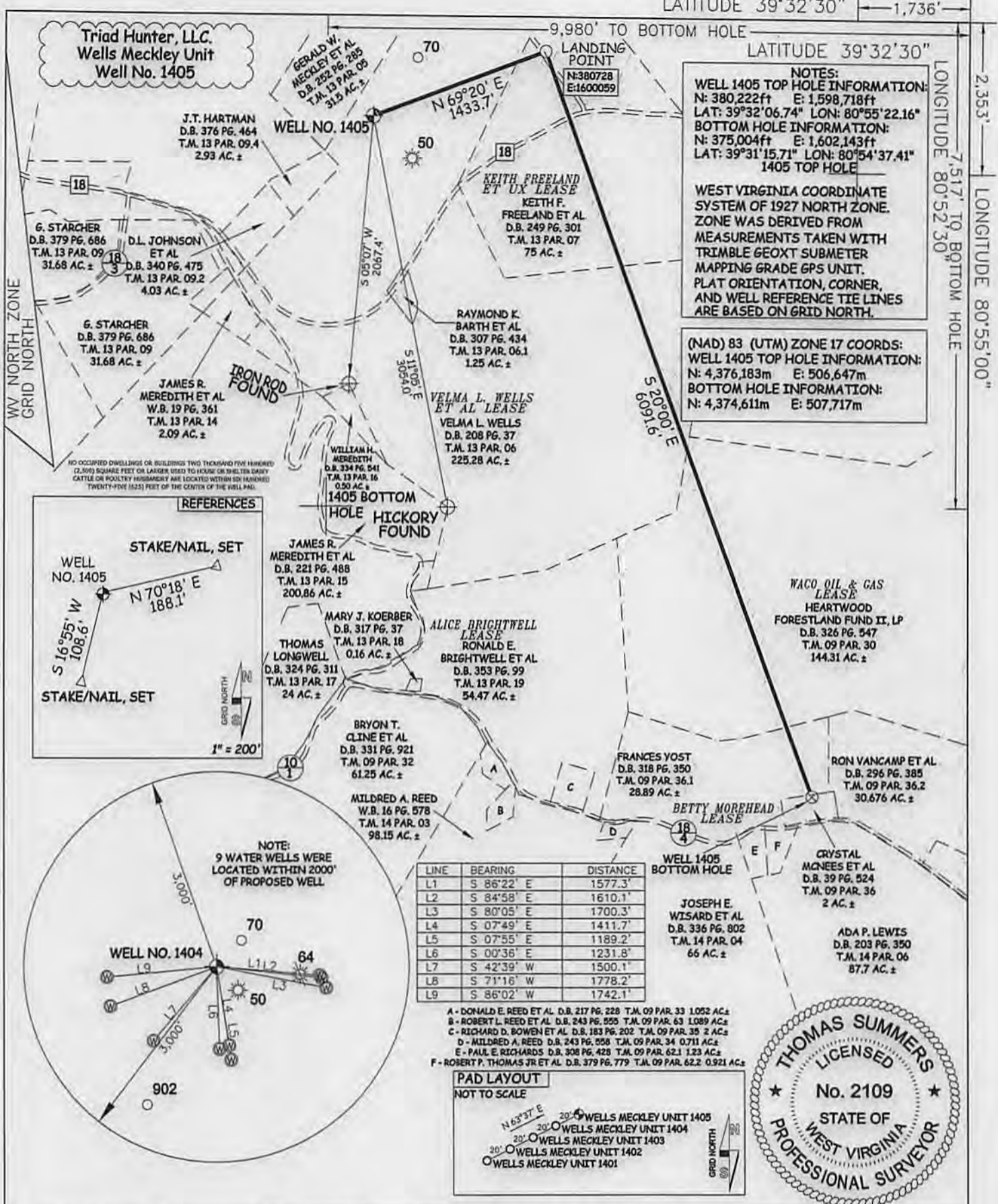


LATITUDE 39°32'30" —1,736'

LATITUDE 39°32'30"

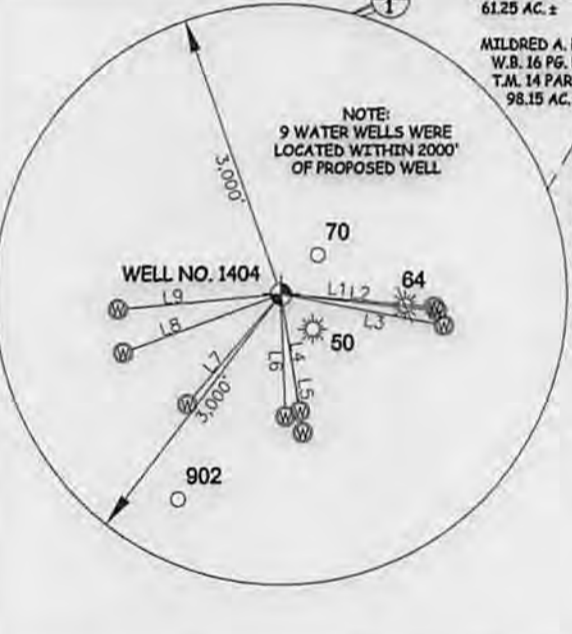
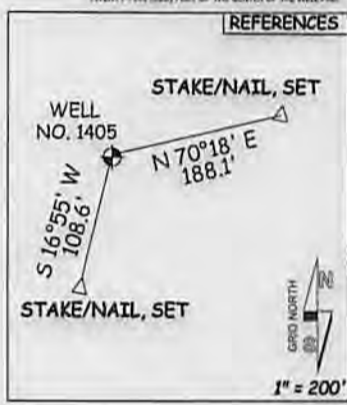
LONGITUDE 80°52'30"  
LONGITUDE 80°55'00"



**NOTES:**  
**WELL 1405 TOP HOLE INFORMATION:**  
 N: 380,222ft E: 1,598,718ft  
 LAT: 39°32'06.74" LON: 80°55'22.16"  
**BOTTOM HOLE INFORMATION:**  
 N: 375,004ft E: 1,602,143ft  
 LAT: 39°31'15.71" LON: 80°54'37.41"  
 1405 TOP HOLE

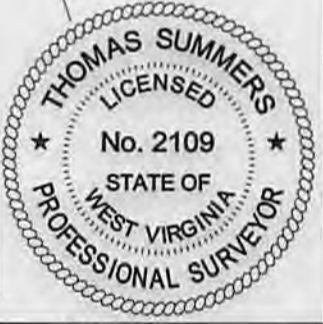
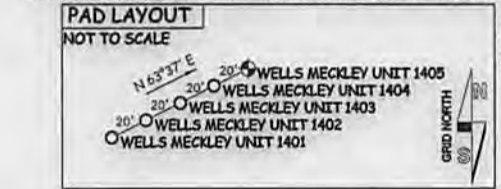
**WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.**  
 ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

**(NAD) 83 (UTM) ZONE 17 COORDS:**  
**WELL 1405 TOP HOLE INFORMATION:**  
 N: 4,376,183m E: 506,647m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,374,611m E: 507,717m



LINE	BEARING	DISTANCE
L1	S 86°22' E	1577.3'
L2	S 84°58' E	1610.1'
L3	S 80°05' E	1700.3'
L4	S 07°49' E	1411.7'
L5	S 07°55' E	1189.2'
L6	S 00°36' E	1231.8'
L7	S 42°39' W	1500.1'
L8	S 71°16' W	1778.2'
L9	S 86°02' W	1742.1'

- 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 # MECKLEY1405R2  
 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; LEASE ACREAGE 225.28 ACRES±; 75 ACRES±;  
 WACO OIL & GAS; BETTY MOREHEAD 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) \_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,225' TVD 13,172' MD

WELL OPERATOR TRIAD HUNTER, LLC. DESIGNATED AGENT KIMBERLY ARNOLD  
 ADDRESS 777 POST OAK BLVD., SUITE 910 HOUSTON, TX 77056 ADDRESS P.O. BOX 154 WAVERLY, WV 26184

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

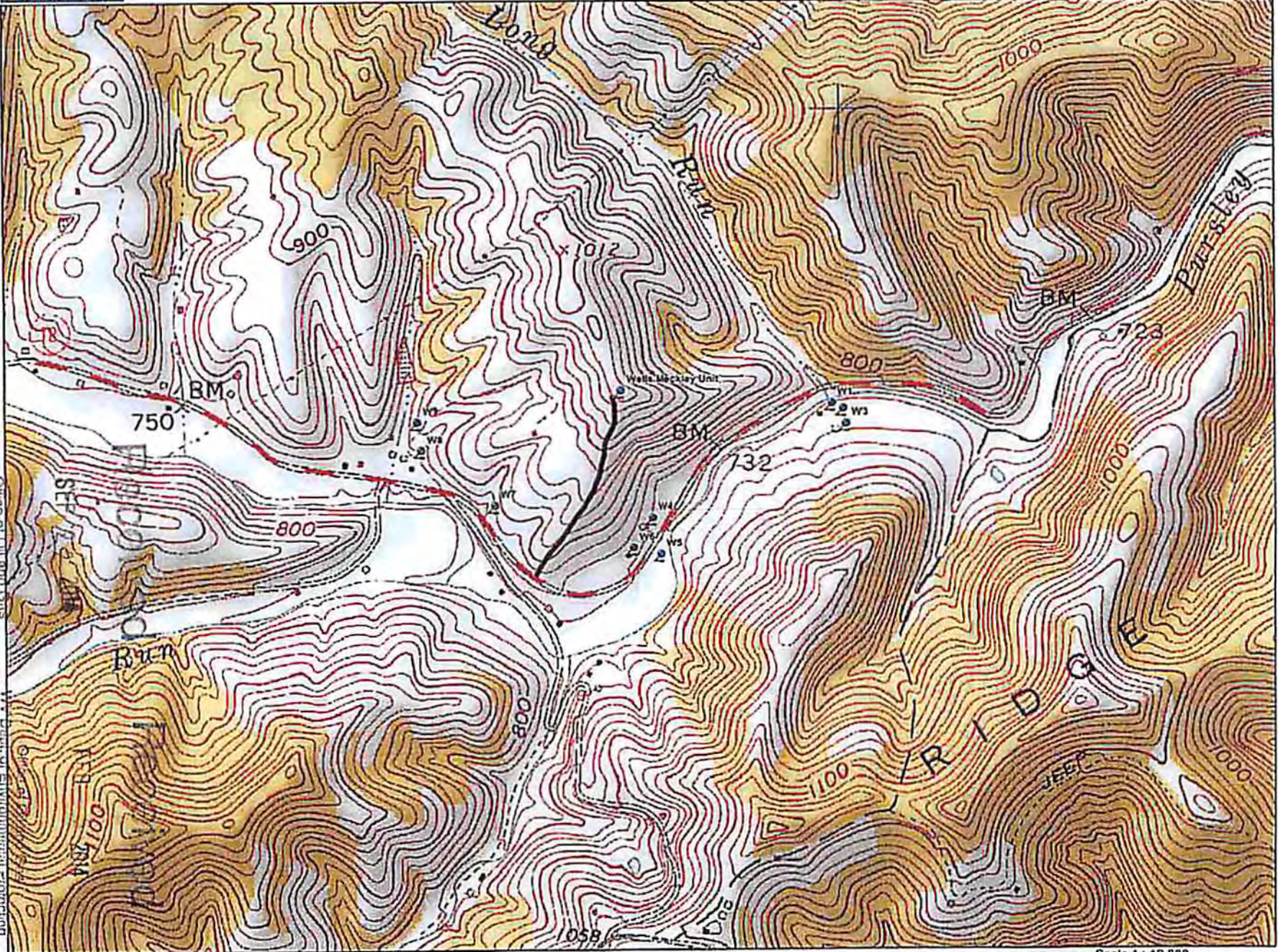
WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109

DATE 09/18/14  
 OPERATOR'S WELL# WELLS MECKLEY UNIT #1405  
 API WELL # 47 - 095 - 021.55  
 STATE COUNTY PERMIT

COUNTY NAME TYLER  
 PERMIT H6A



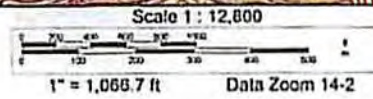
WV Dept. of Environmental Protection

Office of Oil and Gas

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