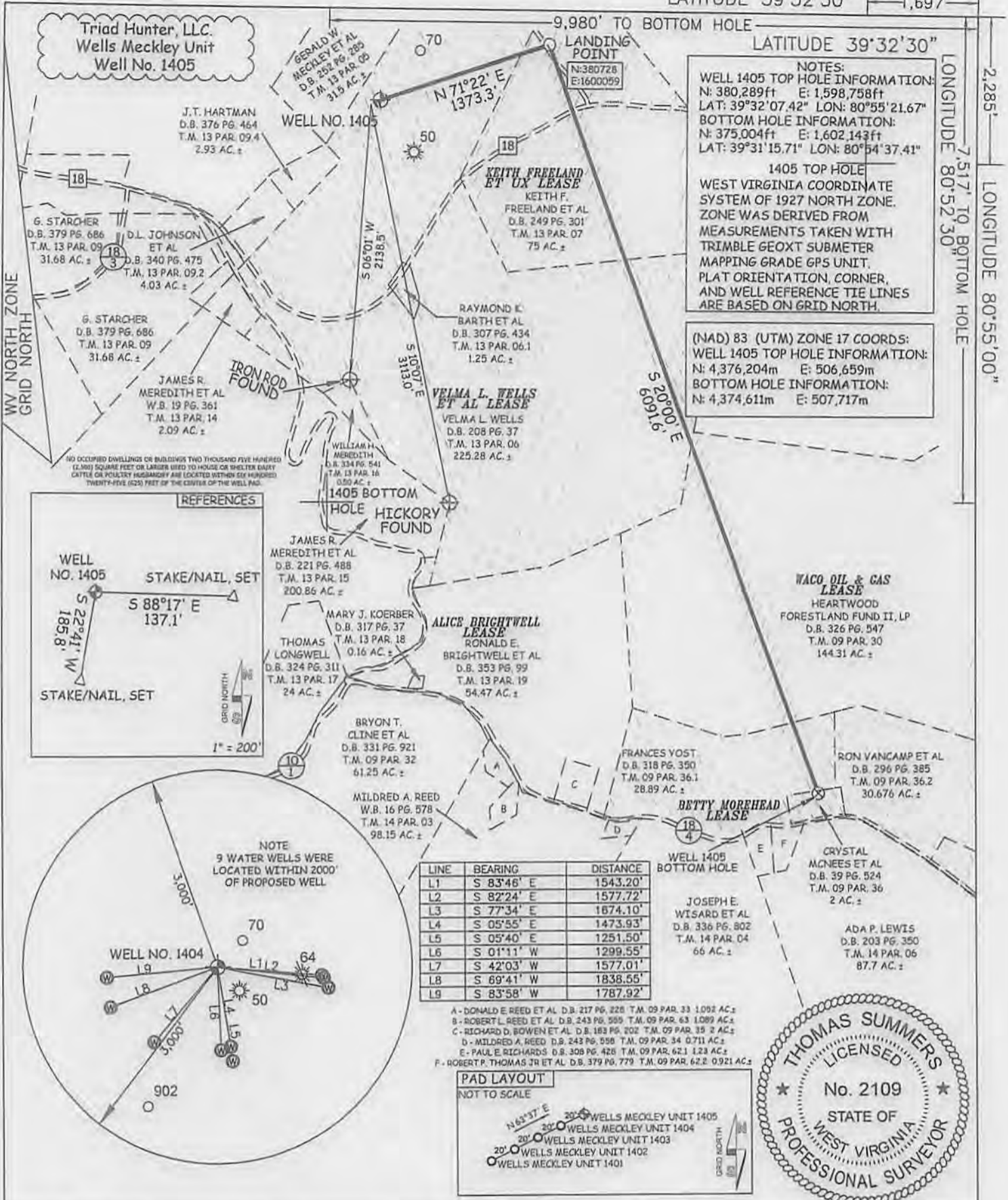


LATITUDE 39°32'30" 1,697'

LATITUDE 39°32'30"

LONGITUDE 80°52'30" 7,517' TO BOTTOM HOLE
LONGITUDE 80°55'00" 2,285'



NOTES:
WELL 1405 TOP HOLE INFORMATION:
 N: 380,289ft E: 1,598,758ft
 LAT: 39°32'07.42" LON: 80°55'21.67"
BOTTOM HOLE INFORMATION:
 N: 375,004ft E: 1,602,143ft
 LAT: 39°31'15.71" LON: 80°54'37.41"

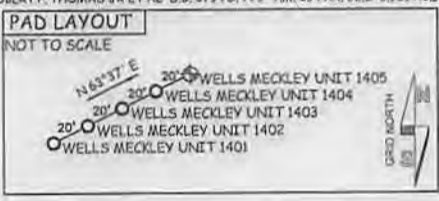
1405 TOP HOLE
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1405 TOP HOLE INFORMATION:
 N: 4,376,204m E: 506,659m
BOTTOM HOLE INFORMATION:
 N: 4,374,611m E: 507,717m



LINE	BEARING	DISTANCE
L1	S 83°46' E	1543.20'
L2	S 82°24' E	1577.72'
L3	S 77°34' E	1674.10'
L4	S 05°55' E	1473.93'
L5	S 05°40' E	1251.50'
L6	S 01°11' W	1299.55'
L7	S 42°03' W	1577.01'
L8	S 69°41' W	1838.55'
L9	S 83°58' W	1787.92'

A - DONALD E REED ET AL D.B. 217 PG. 228 T.M. 09 PAR. 33 1,092 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 R THOMAS JR ET AL D.B. 379 PG. 779 T.M. 09 PAR. 62.2 0.921 AC.±

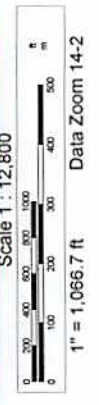
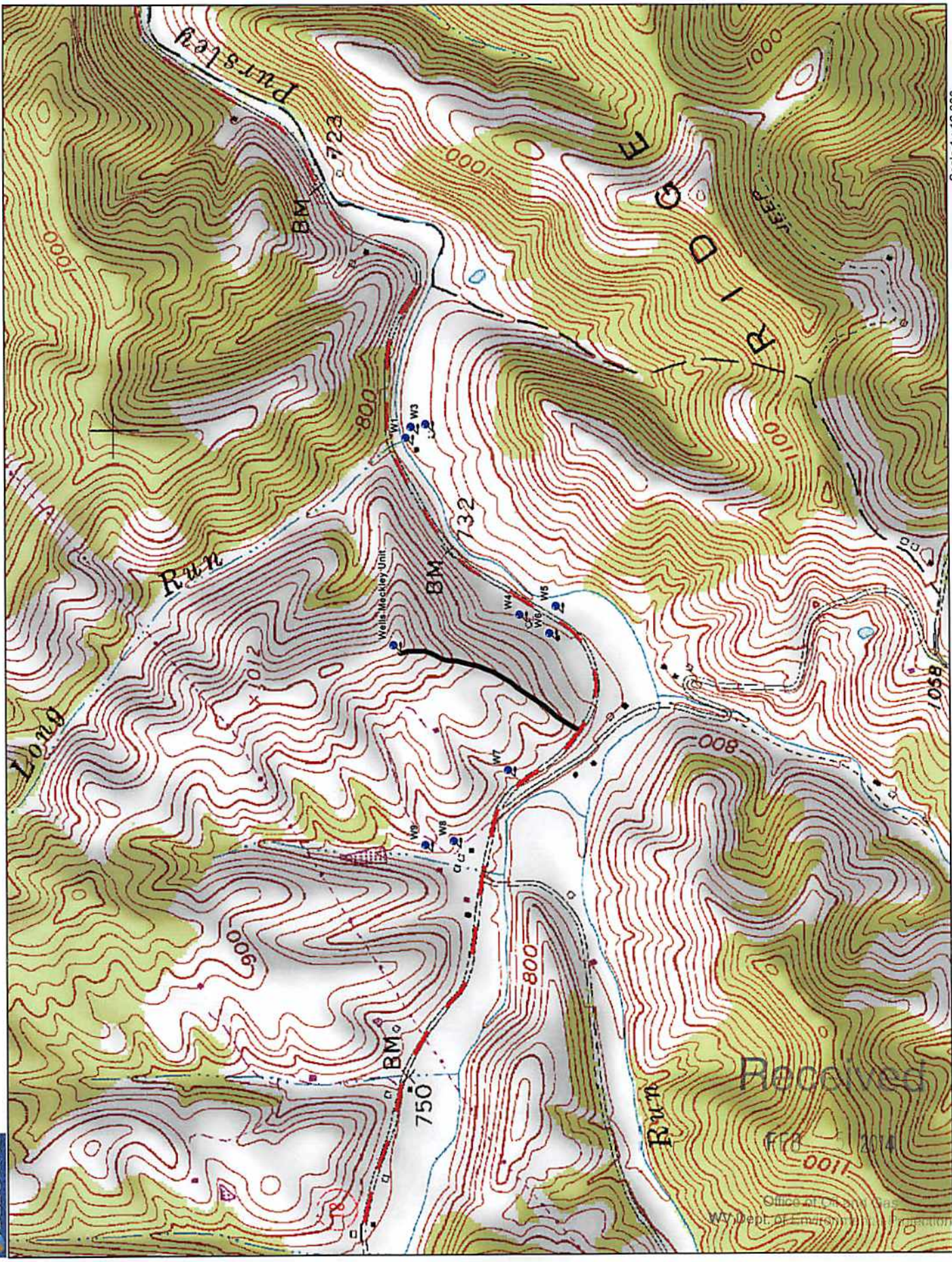


JOB # 12-104WT	I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.	LEGEND - - - - - Surface Owner Boundary Lines +/- - - - - - Interior Surface Tracts +/- X Existing Fence ⊕ Found monument, as noted THOMAS SUMMERS P.S. 2109
DRAWING # MECKLEY1405		
SCALE 1" = 1000'	STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415	DATE 07/23/13
MINIMUM DEGREE OF ACCURACY SUBMETER		OPERATOR'S WELL# WELLS MECKLEY UNIT #1405
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL	API WELL # 47 - 095 - 02155 H6A
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	LOCATION: ELEVATION 958' WATERSHED PURSLEY CREEK	STATE COUNTY PERMIT
QUADRANGLE PADEN CITY 7.5'	DISTRICT LINCOLN COUNTY TYLER	COUNTY NAME PERMIT
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 X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X	PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL	
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG	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	ADDRESS P.O. BOX 154	
HOUSTON, TX 77056	WAVERLY, WV 26184	

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