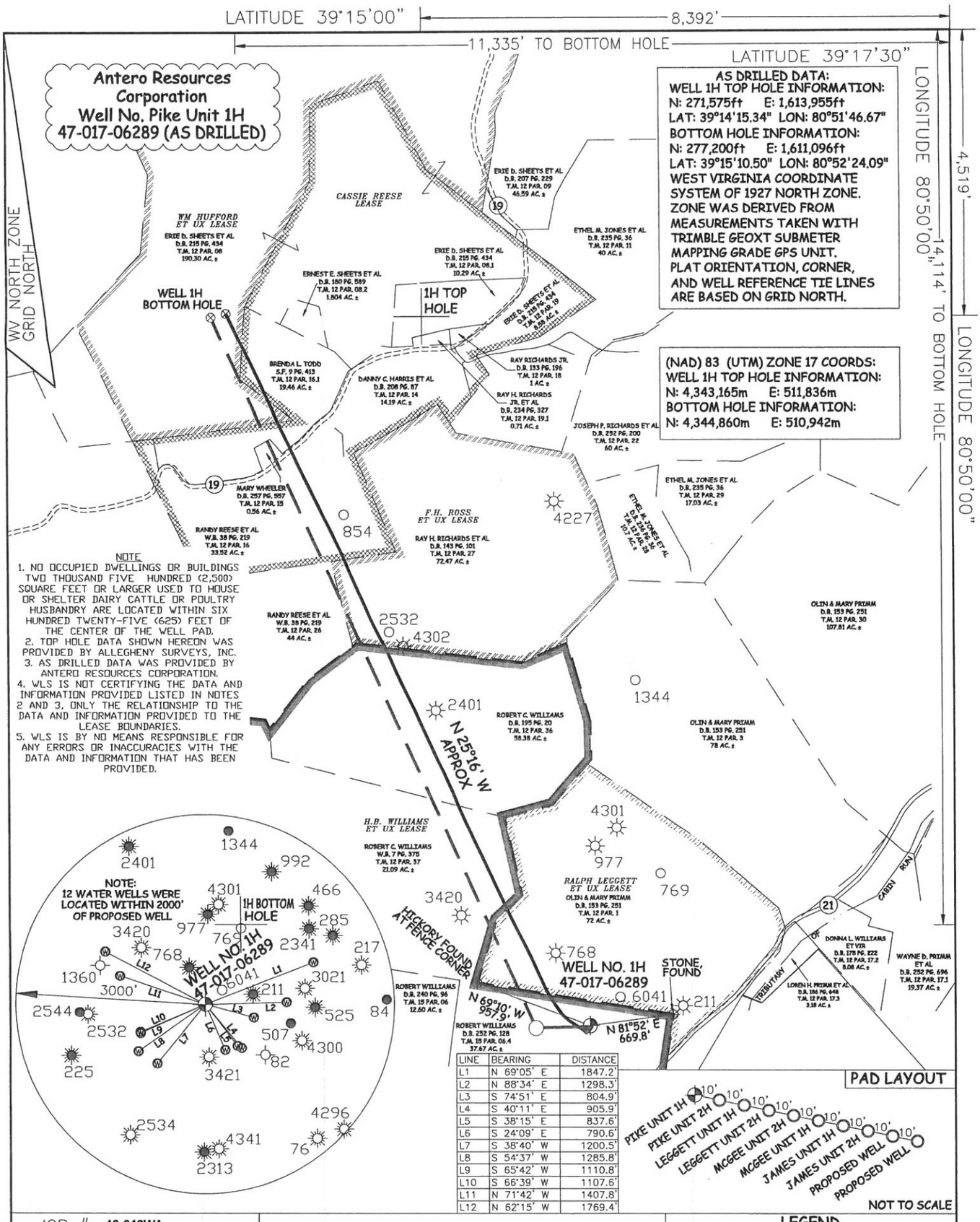

LINE	BEARING	DISTANCE
L1	N 69°05' E	1847.2'
L2	N 88°34' E	1298.3'
L3	S 74°51' E	804.9'
L4	S 40°11' E	905.9'
L5	S 38°15' E	837.6'
L6	S 24°09' E	790.6'
L7	S 38°40' W	1200.5'
L8	S 54°37' W	1285.8'
L9	S 65°42' W	1110.8'
L10	S 66°39' W	1107.6'
L11	N 71°42' W	1407.8'
L12	N 62°15' W	1769.4'

JOB # 13-018WA
DRAWING # PIKE1HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 +/-
- Existing Fence
- Found monument, as noted
- Proposed Well Path
- As Drilled Well Path

DATE 05/26/15
OPERATOR'S WELL# PIKE UNIT #1H
API WELL # 47 – 017 – 06289
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,000' ORIGINAL - 990' AS DRILLED WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE OXFORD 7.5' (TOP HOLE) WEST UNION 7.5' (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER ROBERT WILLIAMS ACREAGE 37.67 ACRES +/-
OIL & GAS ROYALTY OWNER H.B. WILLIAMS ET UX; RALPH LEGGETT ET UX; F.H. ROSS ET UX; CASSIE REESE; WM HUFFORD ET UX
LEASE ACREAGE 307 ACRES±; 72 ACRES±; 72 ACRES±;142 ACRES±; 134.98 ACRES±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) (X) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,509' TVD 12,634' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT

FORM WW-6