

LATITUDE 39°10'00"

8,284'

LATITUDE 39°10'00" 1,868' TO BOTTOM HOLE

3,667'

LONGITUDE 80°40'00"

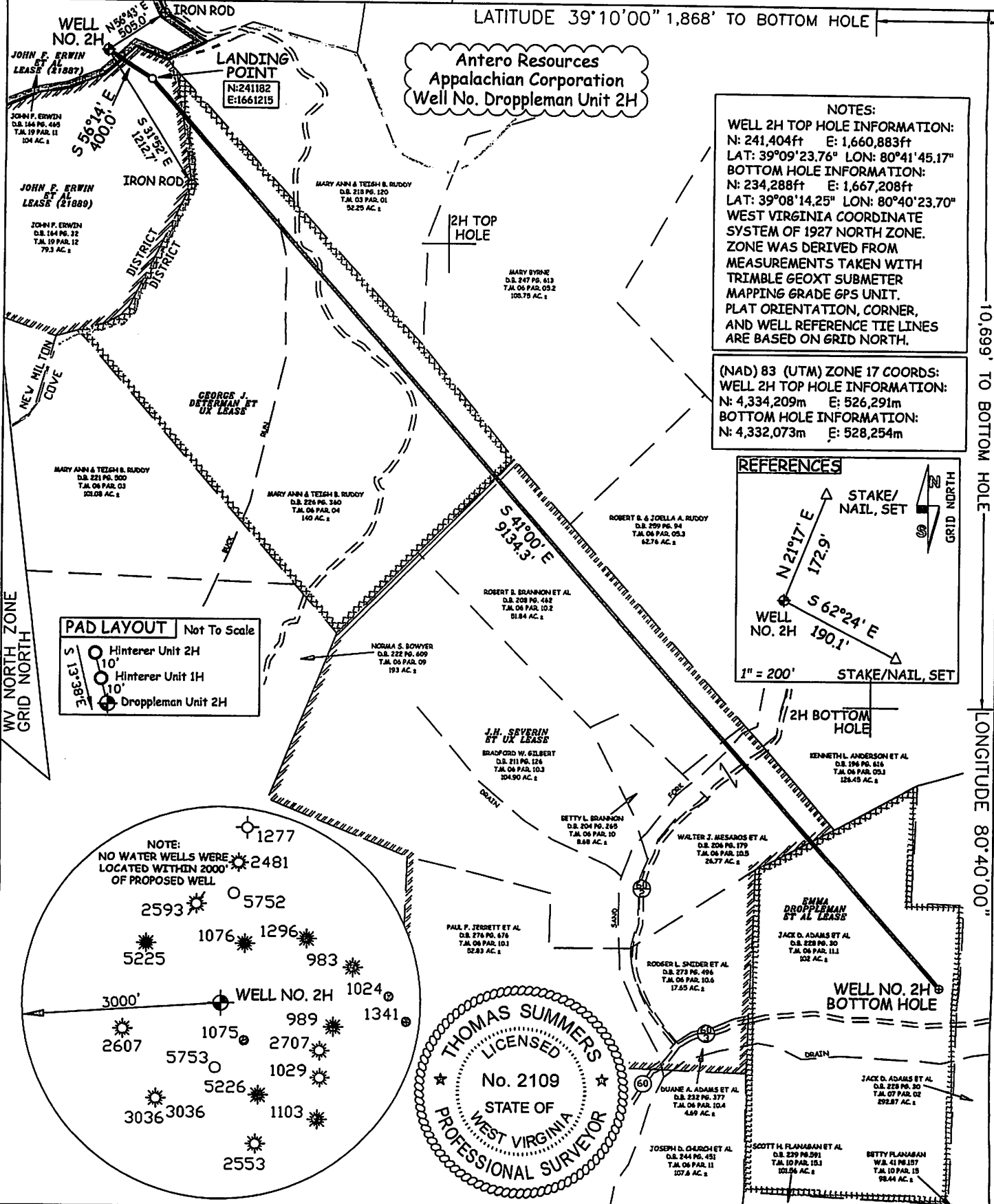
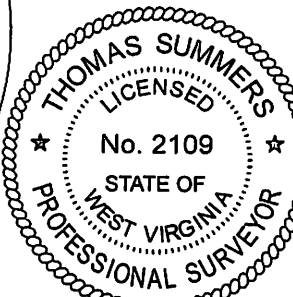
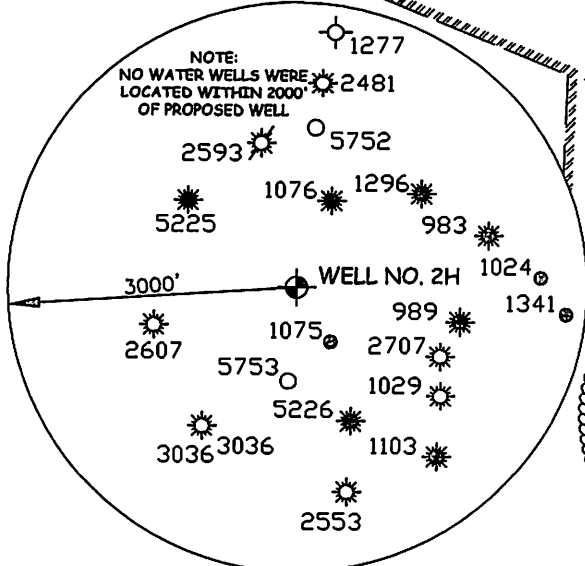
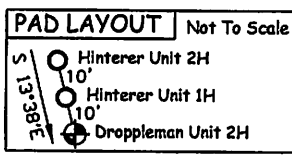
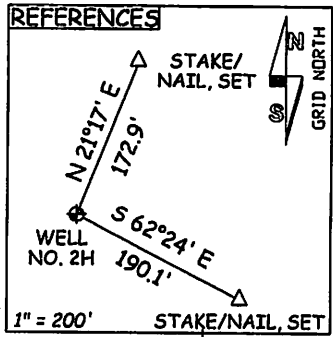
LONGITUDE 80°40'00"

COUNTY NAME PERMIT

Antero Resources Appalachian Corporation Well No. Droppelman Unit 2H

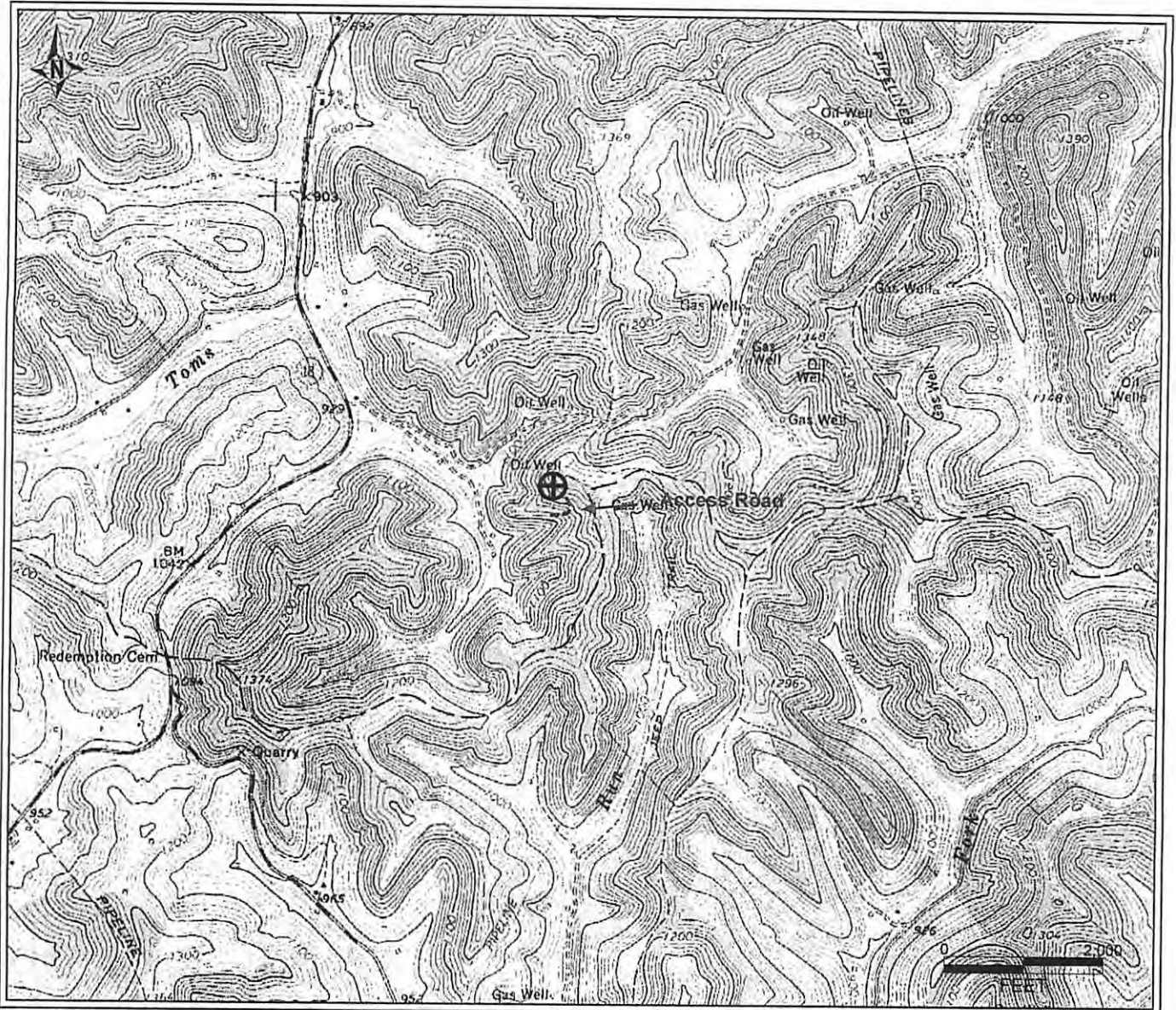
NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 241,404ft E: 1,660,883ft
 LAT: 39°09'23.76" LON: 80°41'45.17"
 BOTTOM HOLE INFORMATION:
 N: 234,288ft E: 1,667,208ft
 LAT: 39°08'14.25" LON: 80°40'23.70"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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 2H TOP HOLE INFORMATION:
 N: 4,334,209m E: 526,291m
 BOTTOM HOLE INFORMATION:
 N: 4,332,073m E: 528,254m



JOB # 12-091WA	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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.	LEGEND	
DRAWING # DROPPLEMAN2H		--- Surface Owner Boundary Lines +/-	- - - Interior Surface Tracts +/-
SCALE 1" = 1000'	STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	X Existing Fence	⊕ Found monument, as noted
MINIMUM DEGREE OF ACCURACY SUBMETER		THOMAS SUMMERS P.S. 2109	
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS	DATE 09/19/12	
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS		OPERATOR'S WELL# DROPPLEMAN UNIT #2H	
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___	WILLOW LAND SURVEYING PLLC 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415	API WELL # 47 - 017 - C151 H6A	
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X		STATE COUNTY PERMIT	
LOCATION: ELEVATION 1218' WATERSHED TRIBUTARY OF TOMS FORK	STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE	
SURFACE OWNER JOHN F. ERWIN		ACREAGE 104 ACRES +/-	
OIL & GAS ROYALTY OWNER JOHN F. ERWIN ET AL (21887); JOHN F. ERWIN ET AL (21889); GEORGE J. DETERMAN ET UX; J.H. SEVERIN ET UX; EMMA DROPPLEMAN ET AL	STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	LEASE ACREAGE 104 ACRES +/- 79.3 ACRES +/- 140 ACRES +/- 274 ACRES +/- 106 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 7,200' TVD 17,000' MD	STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	DIANNA STAMPER CT CORPORATION SYSTEM	
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. ADDRESS 1625 17TH STREET DENVER, CO 80202		DESIGNATED AGENT ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313	

12/14/2012



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Antero Resources Corporation

APPALACHIAN BASIN

Dropleman Unit 2H
Doddridge County



REMARKS
 QUADRANGLE: NEW MILTON
 WATERSHED: TRIB. OF TOMS FORK
 DISTRICT: NEW MILTON

Date: 9/12/2012

SEP 25 2012