

LATITUDE 39°15'00"

8,393'

LATITUDE 39°17'30"

LONGITUDE 80°50'00"

4,520'

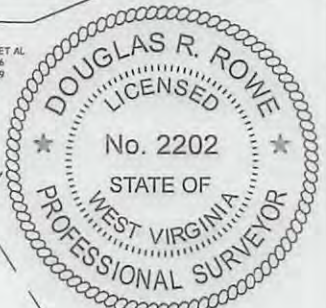
14,146' TO BOTTOM HOLE

LONGITUDE 80°50'00"

Antero Resources
Appalachian Corporation
Well No. Pike Unit 1H

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 271,574ft E: 1,613,954ft
 LAT: 39°14'15.33" LON: 80°51'46.67"
 BOTTOM HOLE INFORMATION:
 N: 277,170ft E: 1,610,976ft
 LAT: 39°15'10.18" LON: 80°52'25.61"
 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.

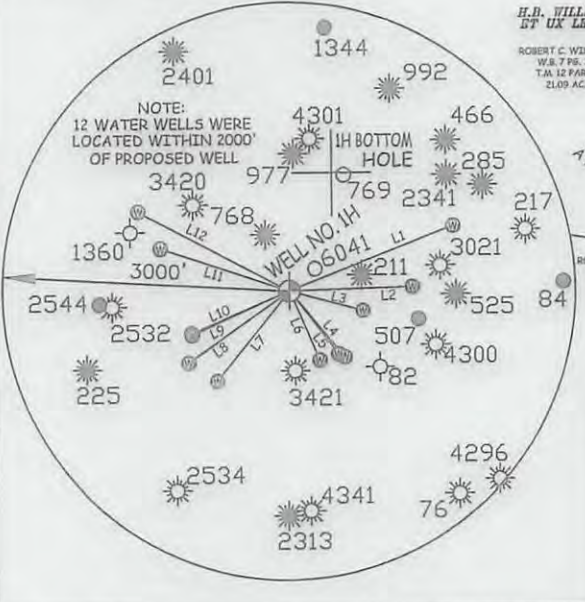
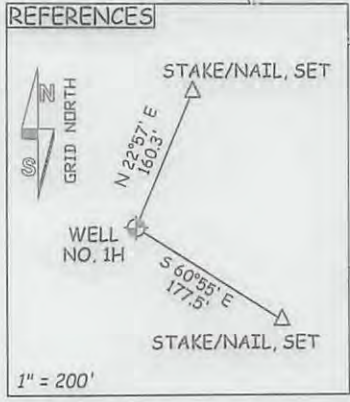
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,343,161m E: 511,841m
 BOTTOM HOLE INFORMATION:
 N: 4,344,851m E: 510,905m



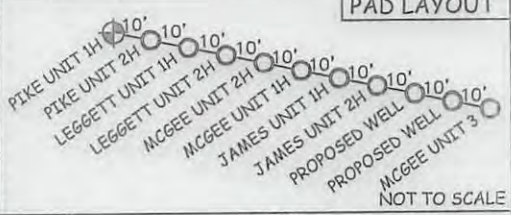
WV NORTH ZONE
GRID NORTH

WELL 1H
BOTTOM HOLE

1H TOP
HOLE



LINE	BEARING	DISTANCE
L1	N 68°33' E	1836.75'
L2	N 88°01' E	1282.89'
L3	S 75°23' E	786.54'
L4	S 39°54' E	886.62'
L5	S 37°54' E	818.46'
L6	S 23°26' E	773.32'
L7	S 39°36' W	1201.24'
L8	S 55°27' W	1291.90'
L9	S 66°35' W	1120.40'
L10	S 67°32' W	1117.48'
L11	N 71°26' W	1426.55'
L12	N 62°08' W	1788.93'



JOB # 13-018WA
 DRAWING # PIKE1HR1
 SCALE 1" = 1000'

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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

LEGEND
 --- Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Iron Pipe, Found



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

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

DOUGLAS R. ROWE P.S. 2202
 DATE 05/09/13
 OPERATOR'S WELL# PIKE UNIT #1H
 API WELL # 47 - 017 - 06289 H6A
 STATE COUNTY PERMIT

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 X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 990' WATERSHED TRIBUTARY OF CABIN RUN
 QUADRANGLE OXFORD 7.5 (TOP HOLE) WEST UNION 7.5 (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER ROBERT WILLIAMS
 OIL & GAS ROYALTY OWNER H.B. WILLIAMS ET UX; RALPH LEGGETT ET UX;
 F.H. ROSS ET UX; CASSIE REESE; WM HUFFORD ET UX
 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 6,700' TVD 16,000' MD

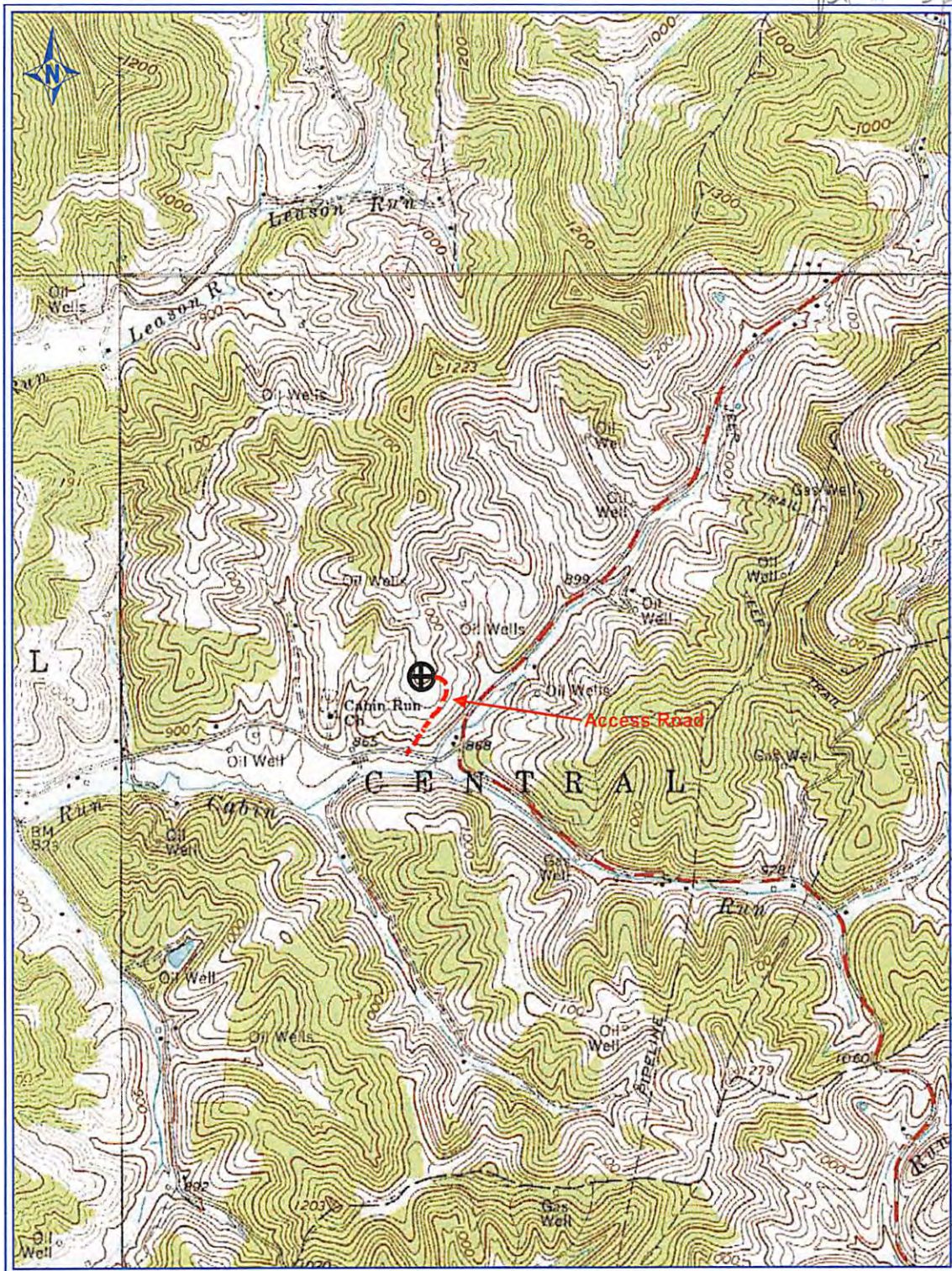
ACREAGE 37.67 ACRES +/-
 LEASE ACREAGE 307 ACRES +/-; 72 ACRES +/-;
 72 ACRES +/-; 142 ACRES +/-; 134.98 ACRES +/-

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP.
 ADDRESS 1625 17TH STREET
 DENVER, CO 80202

DESIGNATED AGENT
 ADDRESS 5400 D BIG TYLER ROAD
 CHARLESTON, WV 25313

DIANNA STAMPER
 CT CORPORATION SYSTEM
 08/23/2013

Plot spotted ✓



PETRA 5/8/2013 2:57:06 PM

Antero Resources Corp

APPALACHIAN BASIN

Pike Unit 1H

Doddridge County

REMARKS

QUADRANGLE: OXFORD/WEST UNION
WATERSHED: TRIBUTARY OF CABIN RUN
DISTRICT: CENTRAL

By: ECM



**17-06289 H6A PIKE UNIT 1H
ANTERO RESOURCES**

PAD NAME: ROBERT WILLIAMS