

LATITUDE 39°15'00"

8,383'

LATITUDE 39°17'30"

LONGITUDE 80°50'00"

13,854' TO BOTTOM HOLE

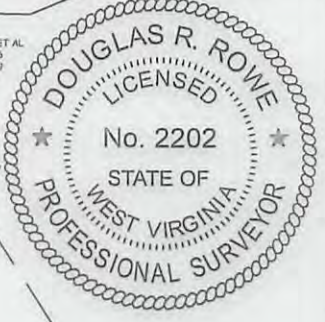
LONGITUDE 80°50'00"

4,522'

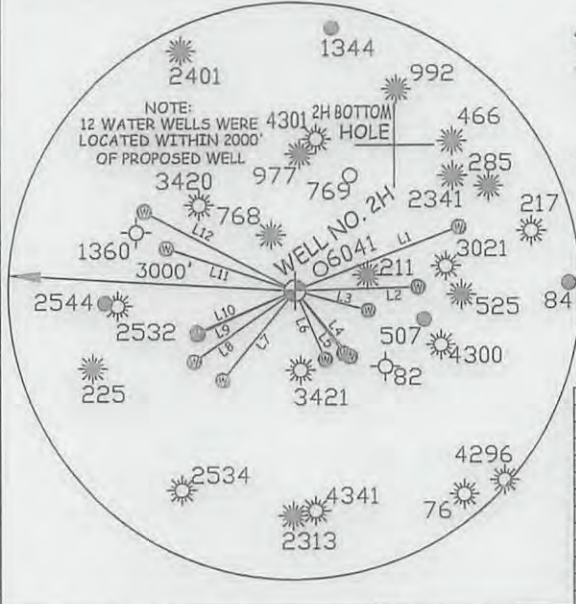
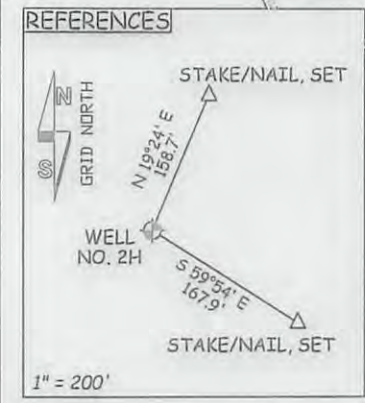
Antero Resources
Appalachian Corporation
Well No. Pike Unit 2H

NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 271,572ft E: 1,613,964ft
 LAT: 39°14'15.31" LON: 80°51'46.54"
 BOTTOM HOLE INFORMATION:
 N: 277,453ft E: 1,611,574ft
 LAT: 39°15'13.07" LON: 80°52'18.06"
 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.

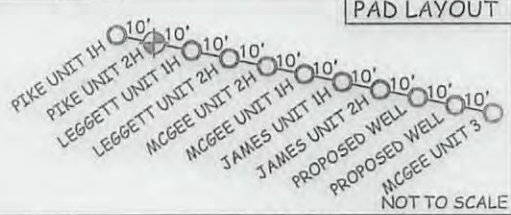
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 4,343,160m E: 511,844m
 BOTTOM HOLE INFORMATION:
 N: 4,344,940m E: 511,086m



WV NORTH ZONE
GRID NORTH



| LINE | BEARING | DISTANCE |
|------|------------|----------|
| L1 | N 68°23' E | 1828.39' |
| L2 | N 87°54' E | 1273.18' |
| L3 | S 75°21' E | 776.55' |
| L4 | S 39°30' E | 878.80' |
| L5 | S 37°27' E | 810.85' |
| L6 | S 22°50' E | 767.59' |
| L7 | S 40°01' W | 1205.93' |
| L8 | S 55°46' W | 1298.82' |
| L9 | S 66°53' W | 1128.58' |
| L10 | S 67°50' W | 1125.76' |
| L11 | N 71°29' W | 1436.48' |
| L12 | N 62°14' W | 1798.54' |



JOB # 13-018WA
 DRAWING # PIKE2HR1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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.



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
 ⊕ Iron Pipe, Found
 DOUGLAS R. ROWE P.S. 2202

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

DATE 05/09/13
 OPERATOR'S WELL # PIKE UNIT #2H
 API WELL # 47-017-6294
 STATE COUNTY PERM # 116A

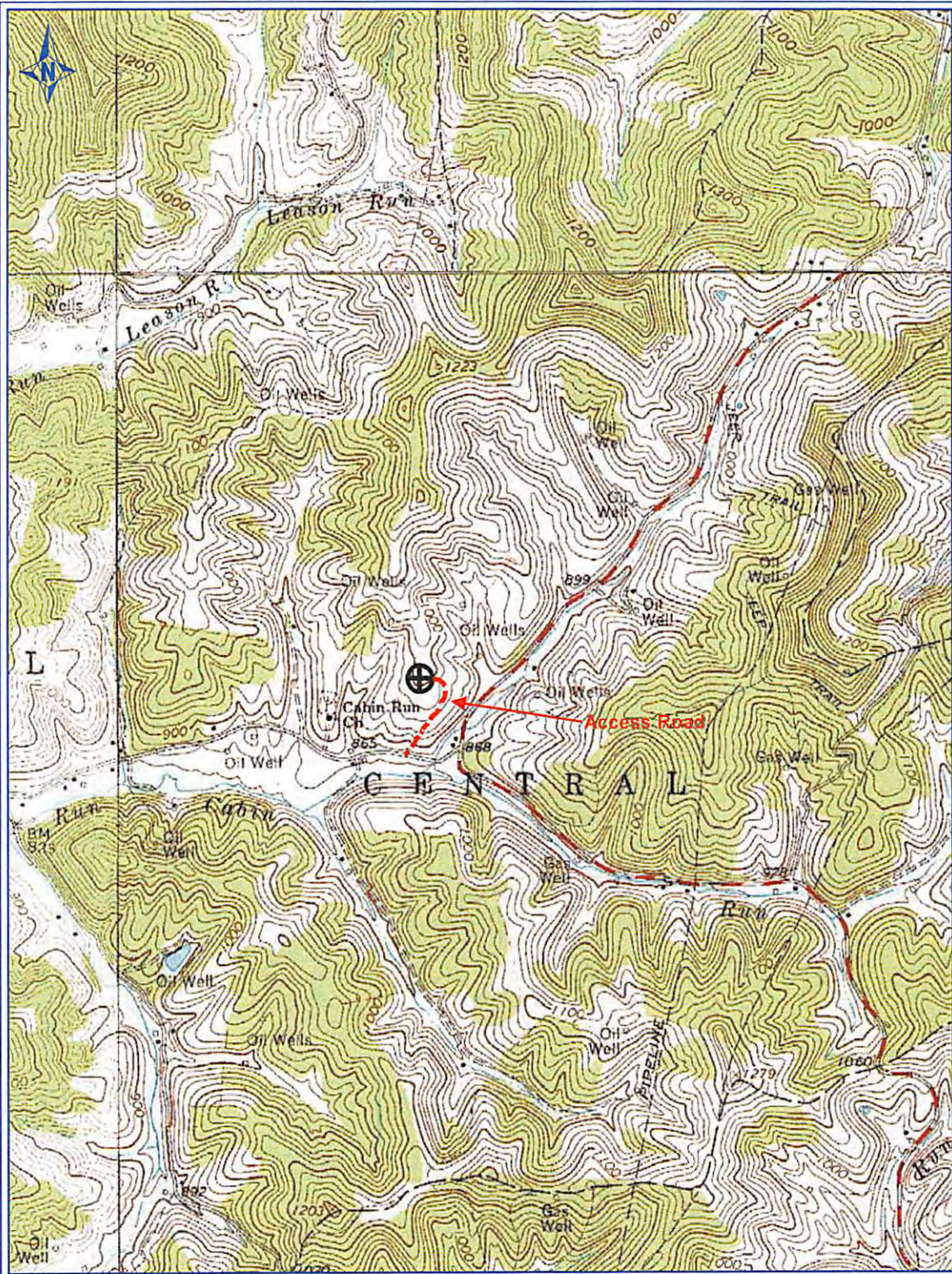
SURFACE OWNER ROBERT WILLIAMS
 OIL & GAS ROYALTY OWNER H.B. WILLIAMS ET UX; RALPH LEGGETT ET UX;
 F.H. ROSS ET UX; CASSIE REESE
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) PLUG & 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 +/-

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

DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25301

Plot
spotted



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Antero Resources Corp

APPALACHIAN BASIN

Pike Unit 2H

Doddridge County

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

By: ECM

