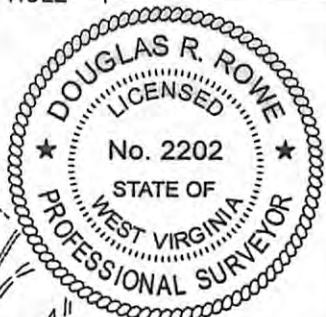


LATITUDE 39°25'00"

8,979'

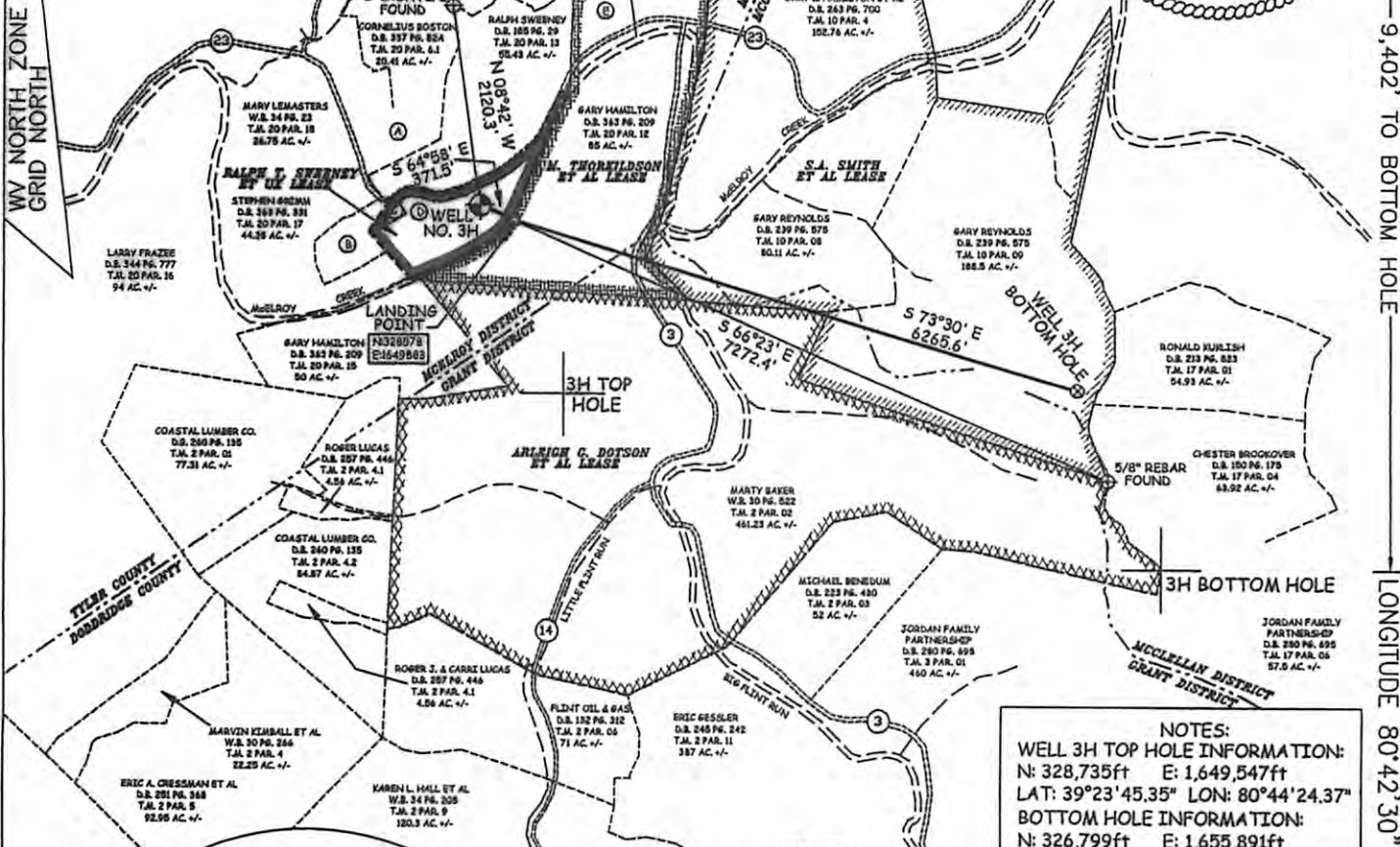
LATITUDE 39°25'00" 2,609' TO BOTTOM HOLE

Antero Resources
Appalachian Corporation
Well No. Sweeney Unit 3H



Tyler County Surface Tracts

A	Ralph Sweeney TM 20 PAR 17.1	DB 301 PG 2 12.466 Ac.
B	Mary Lemasters TM 20 PAR 17.2	WB 34 PG 23 8.919 Ac.
C	Forest Moore TM 20 PAR 14	DB 253 PG 83 0.81 Ac.
D	Forest Moore TM 20 PAR 13.1	DB 256 PG 134 26.478 Ac.
E	Daniel Moore TM 20 PAR 8	DB 296 PG 434 20.25 Ac.
F	Clive Sheets TM 20 PAR 9	DB 164 PG 443 18.57 Ac.

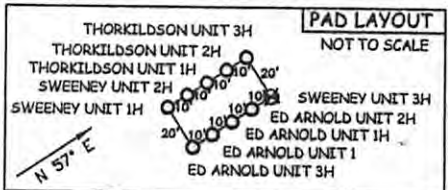
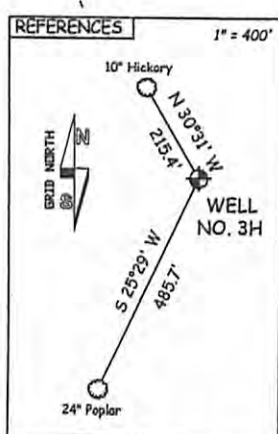
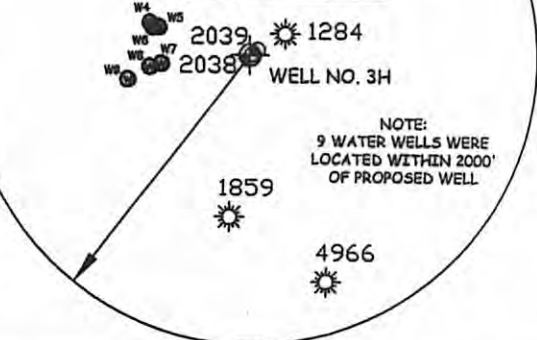


NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 328,735ft E: 1,649,547ft
LAT: 39°23'45.35" LON: 80°44'24.37"
BOTTOM HOLE INFORMATION:
N: 326,799ft E: 1,655,891ft
LAT: 39°23'27.07" LON: 80°43'03.23"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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 3H TOP HOLE INFORMATION:
N: 4,360,756m E: 522,394m
BOTTOM HOLE INFORMATION:
N: 4,360,199m E: 524,337m

WELL NO. 3H TO WATER WELLS

LINE	BEARING	DIST.
W1	N 40°21' W	1584.1'
W2	N 49°29' W	1610.0'
W3	N 58°16' W	1635.1'
W4	N 73°20' W	1105.1'
W5	N 74°19' W	1004.5'
W6	N 78°21' W	1063.4'
W7	S 83°49' W	947.4'
W8	S 82°40' W	1068.7'
W9	S 78°13' W	1320.7'



JOB # 12-052WA
DRAWING # SWEENEY3H
SCALE 1" = 2000'
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 +/-
--- Existing Fence
--- Found monument, as noted

DOUGLAS R. ROWE P.S. 2202

DATE 08/17/12
OPERATOR'S WELL # SWEENEY UNIT #3H

API WELL # 47-095-02066 H 6A
STATE COUNTY PERMIT

DATE 08/17/12
OPERATOR'S WELL # SWEENEY UNIT #3H

ACREAGE 26.478 ACRES +/-
LEASE ACREAGE 25.668 ACRES +/- 125.91 ACRES +/- 443.68 ACRES +/- 446.5 ACRES +/-

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

TARGET FORMATION BURKETT ESTIMATED DEPTH 7,000' TVD 14,700' MD
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
FORM WW-6 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

CANCELLED

01/24/2014