

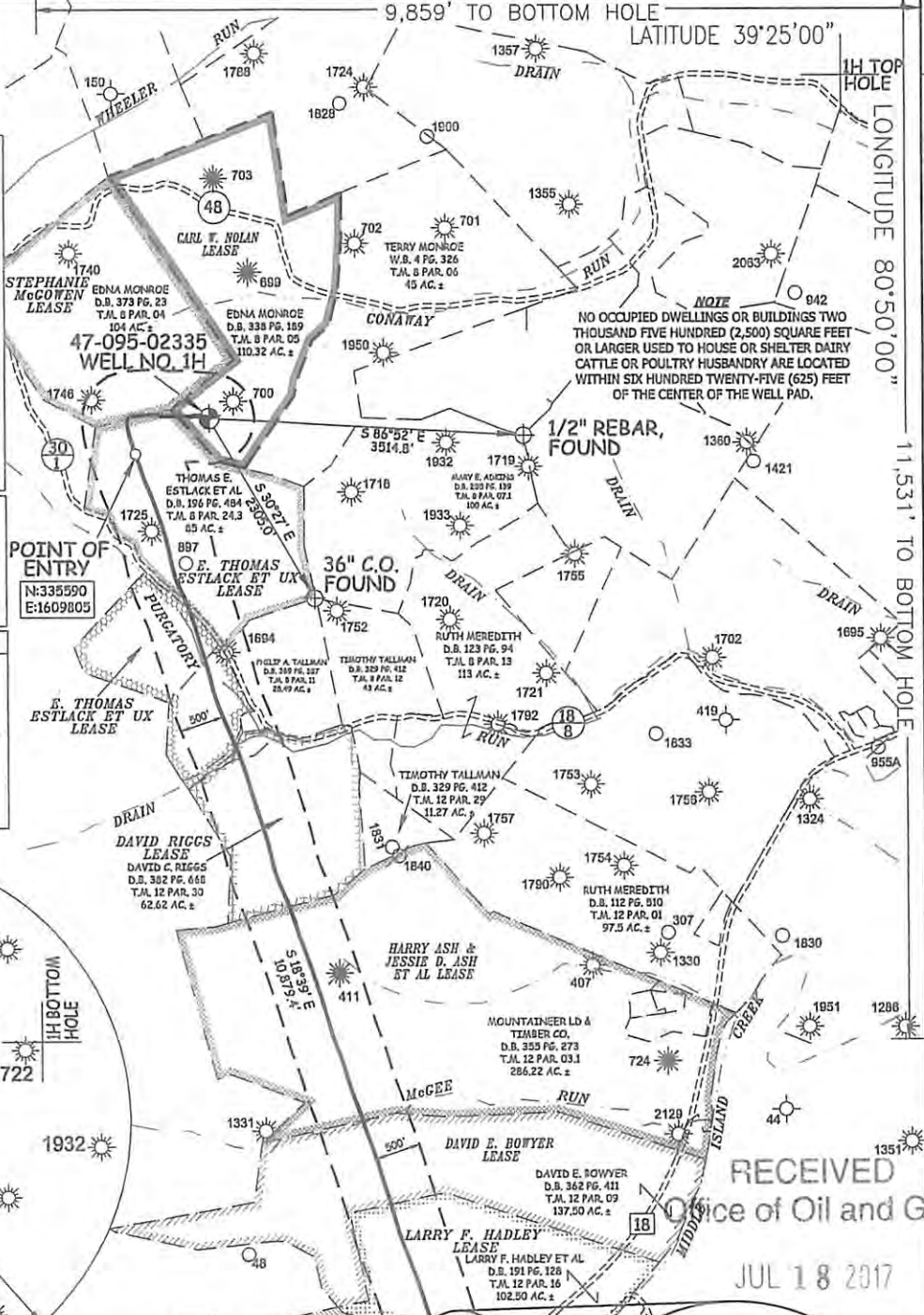
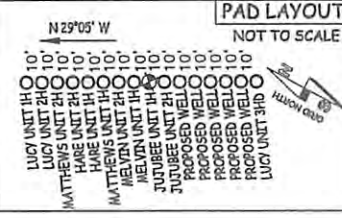
LATITUDE 39°25'00" 896'

LONGITUDE 80°52'30"

Antero Resources Corporation
Well No. Jujubee Unit 1H
47-095-02335 (AS DRILLED)

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 335,986ft E: 1,610,634ft
LAT: 39°24'51.41" LON: 80°52'41.42"
BOTTOM HOLE INFORMATION:
N: 325,283ft E: 1,613,286ft
LAT: 39°23'06.03" LON: 80°52'05.56"
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.

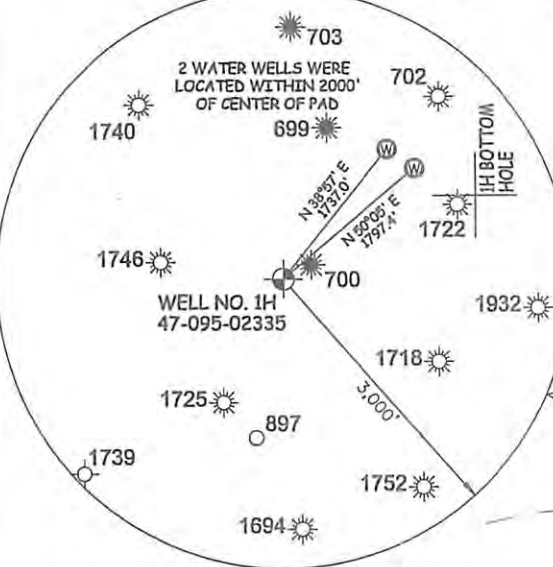
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,362,767m E: 510,502m
BOTTOM HOLE INFORMATION:
N: 4,359,520m E: 511,364m



NOTE
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

1/2" REBAR FOUND

36" C.O. FOUND



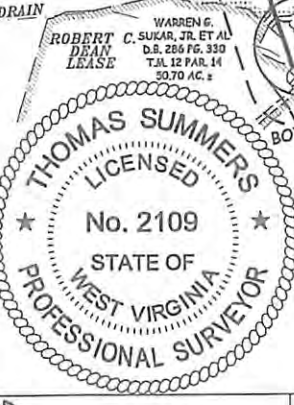
RECEIVED
Office of Oil and Gas

JUL 18 2017

WV Department of Environmental Protection

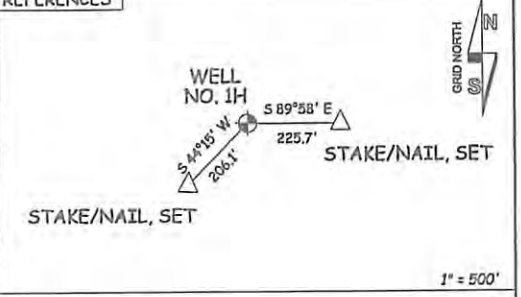


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 15-011WA
DRAWING # JUJUBEE1HADMOD
SCALE 1" = 2000'
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

LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
X Existing Fence
⊕ Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 06/30/17
OPERATOR'S WELL# JUJUBEE UNIT #1H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02335 MOD
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT COUNTY NAME
LOCATION: ELEVATION 1,142' - AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK 08/04/2017
QUADRANGLE MIDDLEBOURNE 7.5' (TH) SHIRLEY 7.5' (BH) DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER EDNA MONROE ACREAGE 110.32 ACRES +/-
OIL & GAS ROYALTY OWNER CARL W. NOLAN; E. THOMAS ESTLACK ET UX; STEPHANIE MCGOWEN; E. THOMAS ESTLACK ET UX; DAVID RIGGS; LEASE ACREAGE 116 AC +/-; 65.5 AC +/-; 170 AC +/-; 60 AC +/-; 65 AC +/-; 291 AC +/-; 138 AC +/-; 102.5 AC +/-; 2.88 AC +/-; 1.14 AC +/-; 2.48 AC +/-; 50.70 AC +/-
HARRY ASH & JESSIE D. ASH ET AL.; DAVID E. BOWYER; LARRY F. HADLEY; JOHN STARKEY; SPRINGHILL CEMETERY; MICHAEL P. SIMMONS; ROBERT C. DEAN
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) POE MOD PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,645' TVD 17,752' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313