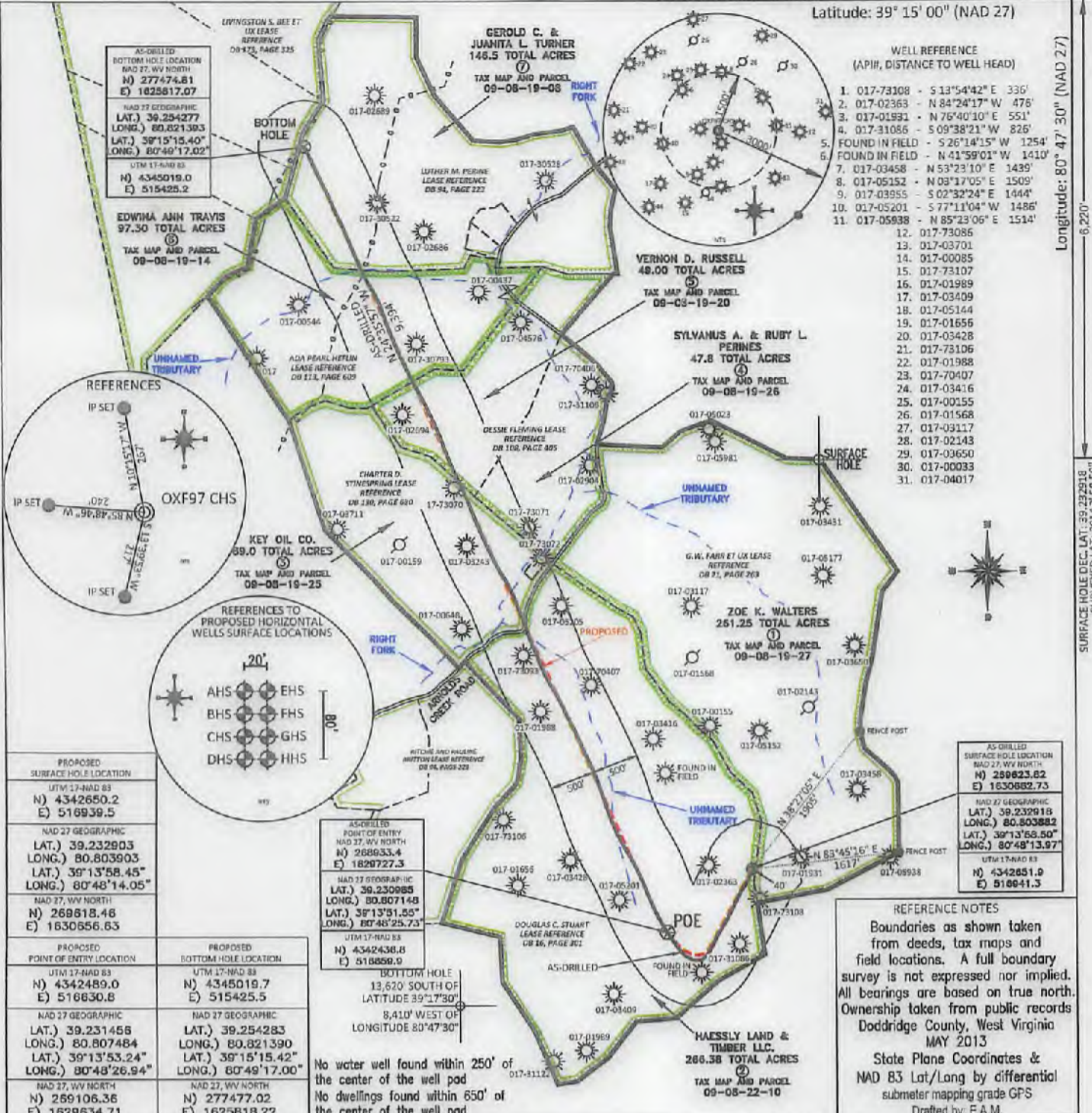


SURFACE HOLE DEC. LONG: 80.803882  
 SURVEYED LONG: 80° 48' 13.97" E  
 3.460'

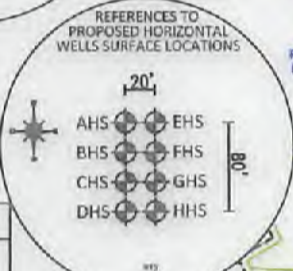
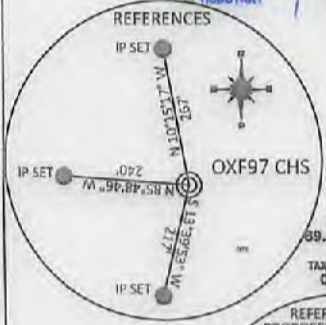
Latitude: 39° 15' 00" (NAD 27)

Longitude: 80° 47' 30" (NAD 27)



WELL REFERENCE (API#, DISTANCE TO WELL HEAD)

- 017-73108 - S 13°54'42" E 336'
- 017-02363 - N 84°24'17" W 476'
- 017-01891 - N 76°40'10" E 551'
- 017-31086 - S 09°38'21" W 826'
- FOUND IN FIELD - S 26°14'15" W 1254'
- FOUND IN FIELD - N 41°59'01" W 1410'
- 017-03458 - N 53°23'10" E 1439'
- 017-05152 - N 09°17'05" E 1509'
- 017-03955 - S 02°32'24" E 1444'
- 017-05201 - S 77°11'04" W 1486'
- 017-05938 - N 85°23'06" E 1514'
- 017-73086
- 017-03701
- 017-00085
- 017-73107
- 017-01989
- 017-03409
- 017-05144
- 017-01656
- 017-03428
- 017-73106
- 017-01988
- 017-70407
- 017-03416
- 017-00155
- 017-01568
- 017-03117
- 017-02143
- 017-03650
- 017-00033
- 017-04017



PROPOSED SURFACE HOLE LOCATION UTM 17-NAD 83 N) 4342650.2 E) 516939.5	PROPOSED BOTTOM HOLE LOCATION UTM 17-NAD 83 N) 4345019.7 E) 515425.5
NAD 27 GEOGRAPHIC LAT.) 39.232903 LONG.) 80.803903 LAT.) 39°13'58.45" LONG.) 80°48'14.05"	NAD 27 GEOGRAPHIC LAT.) 39.254283 LONG.) 80.821390 LAT.) 39°15'15.42" LONG.) 80°49'17.00"
NAD 27, WV NORTH N) 269618.46 E) 1630656.63	NAD 27, WV NORTH N) 277477.02 E) 1625818.22
PROPOSED POINT OF ENTRY LOCATION UTM 17-NAD 83 N) 4342489.0 E) 516630.8	BOTTOM HOLE 13,620' SOUTH OF LATITUDE 39°17'30" 8,410' WEST OF LONGITUDE 80°47'30"
NAD 27 GEOGRAPHIC LAT.) 39.231456 LONG.) 80.807484 LAT.) 39°13'53.24" LONG.) 80°48'26.94"	NAD 27 GEOGRAPHIC LAT.) 39.254283 LONG.) 80.821390 LAT.) 39°15'15.42" LONG.) 80°49'17.00"
NAD 27, WV NORTH N) 269106.36 E) 1629634.71	NAD 27, WV NORTH N) 277477.02 E) 1625818.22

AS-DRIILLED POINT OF ENTRY  
NAD 27, WV NORTH  
N) 268633.4  
E) 1628727.3

NAD 27 GEOGRAPHIC  
LAT.) 39.230985  
LONG.) 80.807148  
LAT.) 39°13'51.55"  
LONG.) 80°48'25.73"

UTM 17-NAD 83  
N) 4342430.8  
E) 516659.9

No water well found within 250' of the center of the well pad  
 No dwellings found within 650' of the center of the well pad

AS-DRIILLED SURFACE HOLE LOCATION  
NAD 27, WV NORTH  
N) 259623.82  
E) 1630662.73

NAD 27 GEOGRAPHIC  
LAT.) 39.232918  
LONG.) 80.803882  
LAT.) 39°13'58.50"  
LONG.) 80°48'13.97"

UTM 17-NAD 83  
N) 4342651.0  
E) 516941.3

REFERENCE NOTES

Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Doddridge County, West Virginia MAY 2013

State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS

Drafted by: E.A.M.

FILE #: NOB 009

DRAWING #: 2345

SCALE: PLAT - 1" = 1600'  
TICK MARK - 1" = 2000'

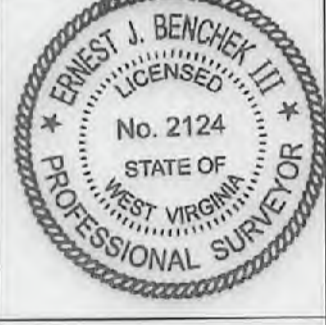
MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: 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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:

L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP

OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304

Well Type:  Oil  Waste Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

AS-BUILT  
ELEVATION: 1,333'

WATERSHED: HEADWATERS MIDDLE ISLAND CREEK

COUNTY/DISTRICT: DODDRIDGE / WEST UNION

SURFACE OWNER: HAESSLY LAND & TIMBER LLC. ACREAGE: 266.38 +/-

OIL & GAS ROYALTY OWNER: G.W. FARR et ux, DOUGLAS C. STUART, CHARTER D. STINESPRING, DESSIE FLEMING, ADA PEARL HEFLIN, LUTHER M. PERINE ACREAGE: 262.00+/-, 266.00+/-, 62.00+/-

LEASE NUMBERS: \_\_\_\_\_

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,890' TMD: 16,758'

WELL OPERATOR: ANTERO RESOURCES CORPORATION DESIGNATED AGENT: DIANNA STAMPER - CT CORPORATION SYSTEM

ADDRESS: 1615 WYNKOOP STREET ADDRESS: 5400 D BIG TYLER ROAD

CITY: DENVER STATE: CO ZIP CODE: 80202 CITY: CHARLESTON STATE: WV ZIP CODE: 25313

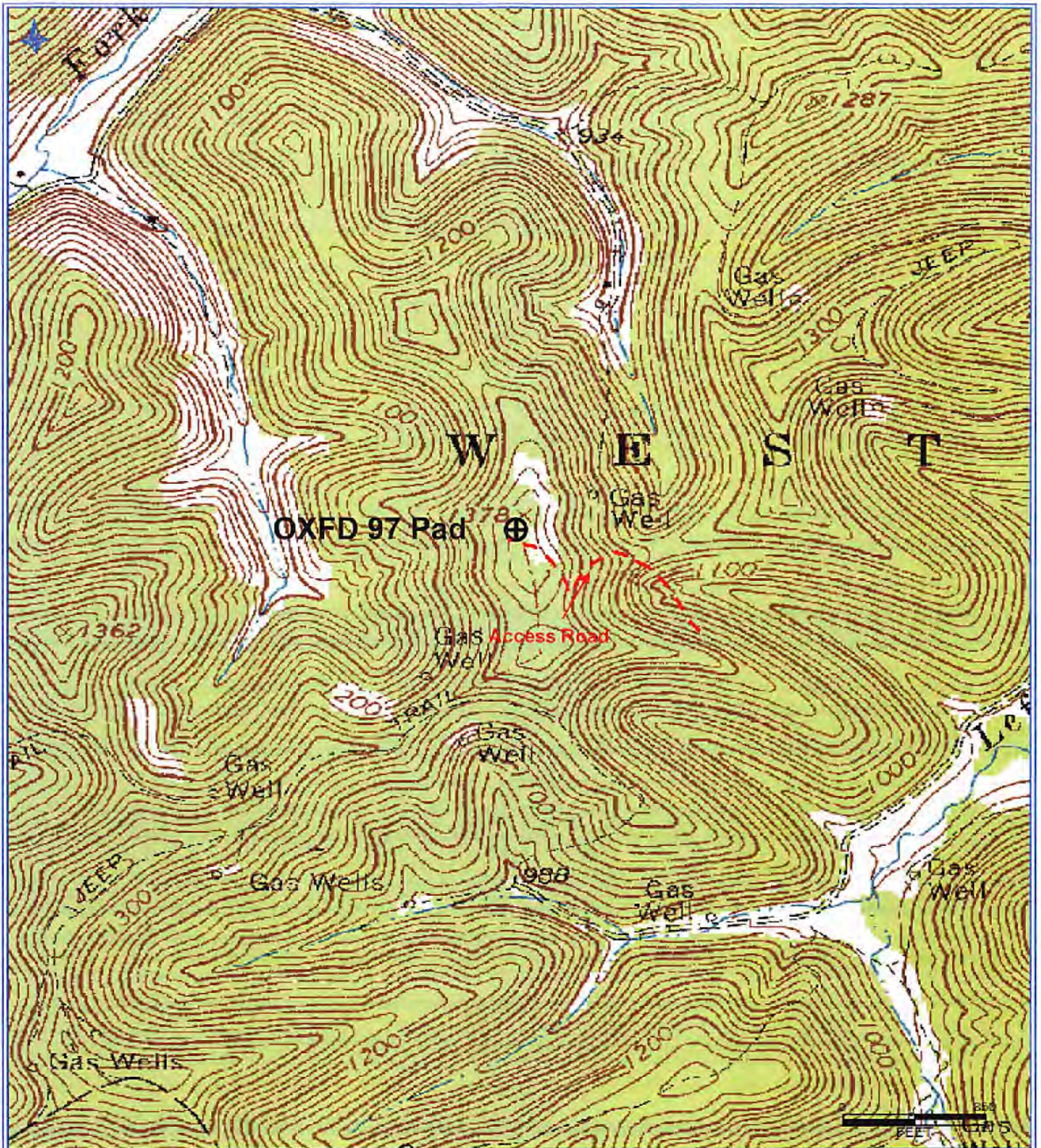
DATE: February 14, 2018

OPERATOR'S WELL #: OXF97 CHS

API WELL #: 47 17 06483  
STATE COUNTY PERMIT

08/03/2018





**Antero Resources Corporation**  
 Appalachian Basin  
 OXFD 97 Unit  
 Doddridge County

Quadrangle: Oxford  
 Watershed: Middle Island Creek  
 District: West Union  
 Date: 5-7-2018

RECEIVED  
 Office of Oil and Gas  
 MAY 11 2018  
 WV Department of  
 Environmental Protection

08/03/2018