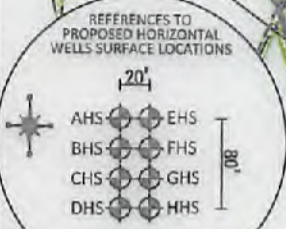


LIVINGSTON S. BEE ET UX LEASE REFERENCE DB 173, PAGE 325
 AS-DRILLED BOTTOM HOLE LOCATION NAD 27, WV NORTH
 N) 276727.93
 E) 1825486.49
 NAD 27 GEOGRAPHIC
 (LAT.) 39.252213
 (LONG.) 80.822622
 (LAT.) 39°15'07.97"
 (LONG.) 80°49'21.06"
 UTM 17-NAD 83
 N) 4344789.8
 E) 516328.3



PROPOSED SURFACE HOLE LOCATION
 UTM 17-NAD 83
 N) 4342062.3
 E) 516939.2
 NAD 27 GEOGRAPHIC
 (LAT.) 39.233011
 (LONG.) 80.803606
 (LAT.) 39°13'58.84"
 (LONG.) 80°48'14.06"
 NAD 27, WV NORTH
 N) 269857.92
 E) 1630656.41

AS-DRILLED POINT OF ENTRY NAD 27, WV NORTH
 N) 268487.4
 E) 1629261.4
 NAD 27 GEOGRAPHIC
 (LAT.) 39.229742
 (LONG.) 80.808789
 (LAT.) 39°13'47.07"
 (LONG.) 80°48'31.57"
 UTM 17-NAD 83
 N) 4342298.6
 E) 516520.2

PROPOSED POINT OF ENTRY LOCATION
 UTM 17-NAD 83
 N) 4342379.3
 E) 516480.3
 NAD 27 GEOGRAPHIC
 (LAT.) 39.230470
 (LONG.) 80.809229
 (LAT.) 39°13'49.69"
 (LONG.) 80°48'33.23"
 NAD 27, WV NORTH
 N) 269754.55
 E) 1629135.00

PROPOSED BOTTOM HOLE LOCATION
 UTM 17-NAD 83
 N) 4344800.0
 E) 515327.5
 NAD 27 GEOGRAPHIC
 (LAT.) 39.252304
 (LONG.) 80.822531
 (LAT.) 39°15'08.30"
 (LONG.) 80°49'21.11"
 NAD 27, WV NORTH
 N) 276761.27
 E) 1625484.44

BOTTOM HOLE 14,380' SOUTH OF LATITUDE 39°17'30" 8,730' WEST OF LONGITUDE 80°47'30"

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

- WELL REFERENCE (API#, DISTANCE TO WELL HEAD)
- 017-73108 - S 12°25'35" E 375'
 - 017-02363 - N 89°13'46" W 473'
 - 017-01931 - N 80°46'33" E 543'
 - 017-11086 - S 09°11'46" W 866'
 - FOUND IN FIELD - S 25°27'08" W 1290'
 - FOUND IN FIELD - N 43°05'39" W 1380'
 - 017-03458 - N 54°41'09" E 1416'
 - 017-05152 - N 08°22'27" E 1469'
 - 017-03955 - S 02°28'17" E 1484'
 - 017-05201 - S 75°43'29" W 1495'
 - 017-05938 - N 81°20'31" E 1512'
 - 017-73086
 - 017-03701
 - 017-00085
 - 017-73107
 - 017-01589
 - 017-03609
 - 017-05144
 - 017-01556
 - 017-03428
 - 017-73106
 - 017-01988
 - 017-70407
 - 017-03416
 - 017-00155
 - 017-01568
 - 017-03317
 - 017-02343
 - 017-03650
 - 017-00033
 - 017-04017

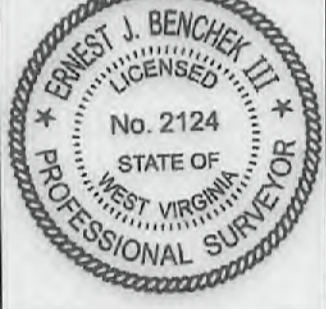
AS-DRILLED SURFACE HOLE LOCATION NAD 27, WV NORTH
 N) 269664.07
 E) 1630062.86
 NAD 27 GEOGRAPHIC
 (LAT.) 39.233028
 (LONG.) 80.803883
 (LAT.) 39°13'58.90"
 (LONG.) 80°48'13.98"
 UTM 17-NAD 83
 N) 4342854.2
 E) 516941.1

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 #: 2344
 SCALE: PLAT - 1" = 1400'
 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: *[Signature]*
 L.L.S. #2124 Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WYDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

DATE: February 14, 2018

OPERATOR'S WELL #: OXF97 AHS

API WELL #: 47 17 06481
 STATE COUNTY PERMIT

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

WATERSHED: HEADWATERS MIDDLE ISLAND CREEK AS-BUILT ELEVATION: 1,333'

COUNTY/DISTRICT: DODDRIDGE / WEST UNION QUADRANGLE: (SHL) OXFORD WV. (BHL) WEST UNION WV.

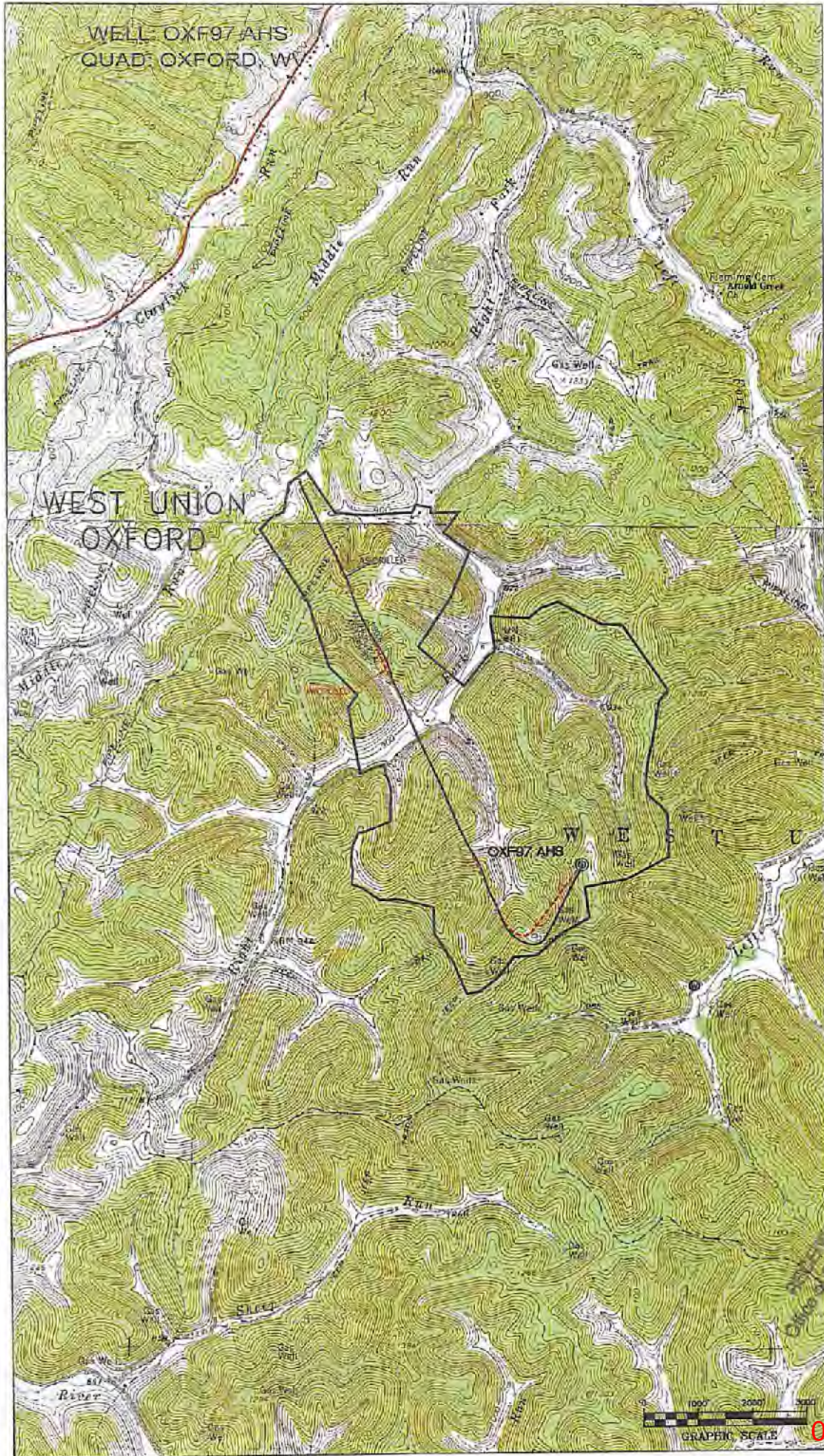
SURFACE OWNER: HAESSLY LAND & TIMBER LLC. ACREAGE: 266.38 +/-

OIL & GAS ROYALTY OWNER: G.W. FARR ET UX, DOUGLAS C. STUART, RITCHIE AND PAULINE BRITTON, CHARTER D. STINESPRING, ADA PEARL HEFLIN ACREAGE: 262.00 +/-, 266.00 +/-, 266.00 +/-, 266.00 +/- 08/03/2018

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: 6,876' TMD: 16,742'
 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



APPROVED
 Office of Oil and Gas
 MAR 16 2018
 WV Department of
 Environmental Protection

08/03/2018