

LATITUDE 39°12'30"

7,474'

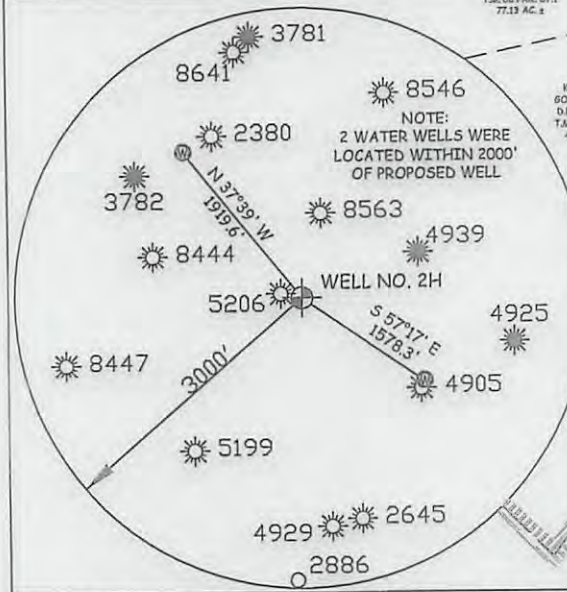
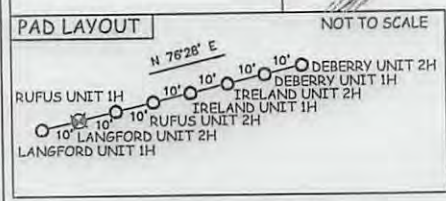
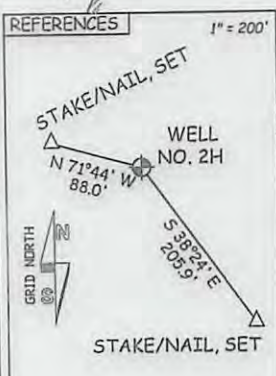
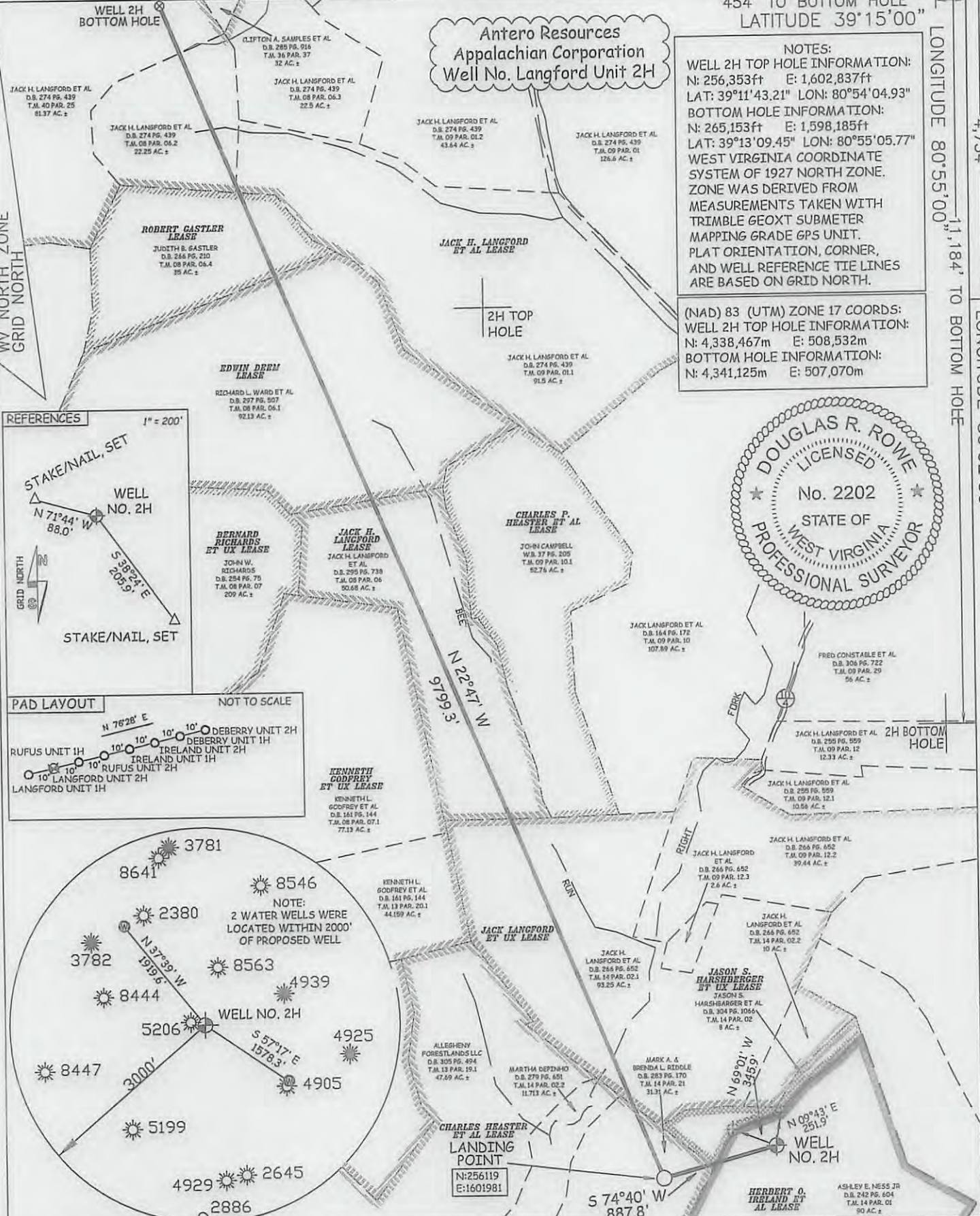
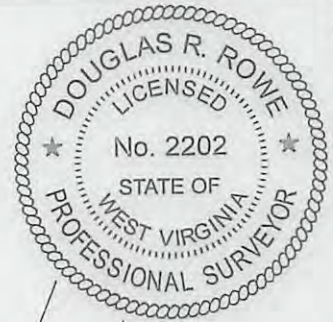
454' TO BOTTOM HOLE  
LATITUDE 39°15'00"

LONGITUDE 80°55'00"  
4,734'  
1,184' TO BOTTOM HOLE  
LONGITUDE 80°52'30"

Antero Resources  
Appalachian Corporation  
Well No. Langford Unit 2H

NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 256,353ft E: 1,602,837ft  
 LAT: 39°11'43.21" LON: 80°54'04.93"  
 BOTTOM HOLE INFORMATION:  
 N: 265,153ft E: 1,598,185ft  
 LAT: 39°13'09.45" LON: 80°55'05.77"  
 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: 4,338,467m E: 508,532m  
 BOTTOM HOLE INFORMATION:  
 N: 4,341,125m E: 507,070m



JOB # 13-016WA  
 DRAWING # LANGFORD2H  
 SCALE 1" = 1000'  
 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  
 WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,075' WATERSHED LITTLE WHITE OAK CREEK  
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

SURFACE OWNER ASHLEY E. NESS, JR. ACREAGE 90 ACRES +/-  
 OIL & GAS ROYALTY OWNER HERBERT O. IRELAND ET AL.; JASON S. HARSHBERGER ET UX; CHARLES HEASTER ET AL.; LEASE ACREAGE 90 ACRES+; 8 ACRES+; 234.49 ACRES+;  
 JACK LANGFORD ET UX; JACK H. LANGFORD; EDWIN DEEM; ROBERT GASTLER; JACK H. LANGFORD ET AL 145.28 ACRES+; 50.68 ACRES+; 92.13 ACRES+; 31.26 ACRES+; 448.5 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 MARCELLUS ESTIMATED DEPTH 6,900' TVD 17,600' MD  
 CLEAN OUT & REPLUG  
 DIANNA STAMPER  
 CT CORPORATION SYSTEM  
 5400 D BIG TYLER ROAD  
 CHARLESTON, WV 25313

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

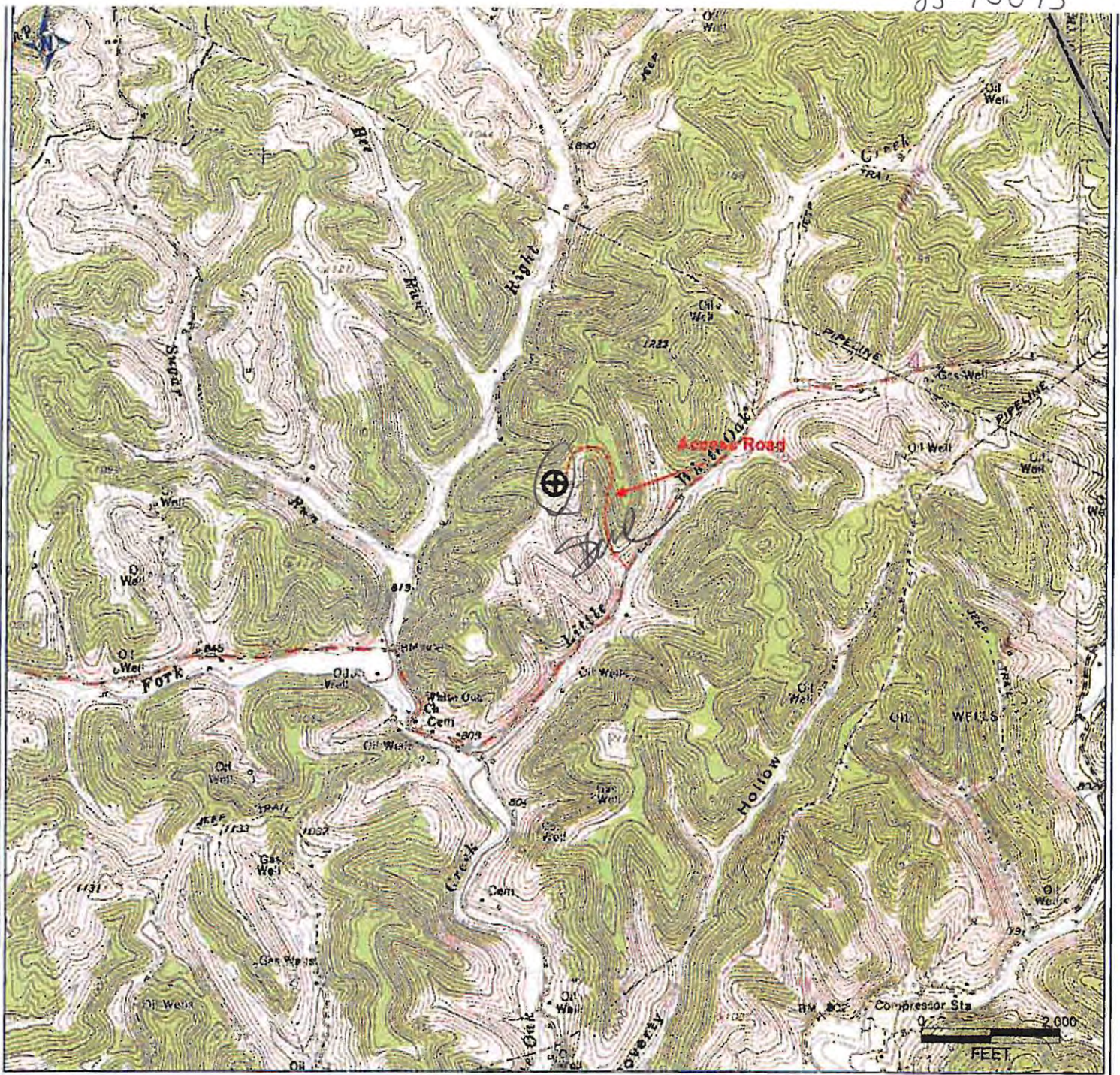
DESIGNATED AGENT ADDRESS 1625 17TH STREET DENVER, CO 80202

LEGEND  
 --- Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Stone, Found

DOUGLAS R. ROWE P.S. 2202  
 DATE 05/02/13  
 OPERATOR'S WELL # LANGFORD UNIT #2H  
 API WELL # 47-085-10045  
 STATE COUNTY PERMIT







PETRA 6/28/2012 2:31:10 PM

Received  
Office of Oil & Gas

MAY 23 2013

**85-10045 H6A LANGFORD UNIT 2H  
ANTERO RESOURCES**

PAD NAME: NESS

**Antero Resources Corporation**

APPALACHIAN BASIN

Langford Unit 2H  
Ritchie County



REMARKS  
QUADRANGLE: PULLMAN  
WATERSHED: LEFT FORK  
DISTRICT: UNION

Date: 8/29/2012