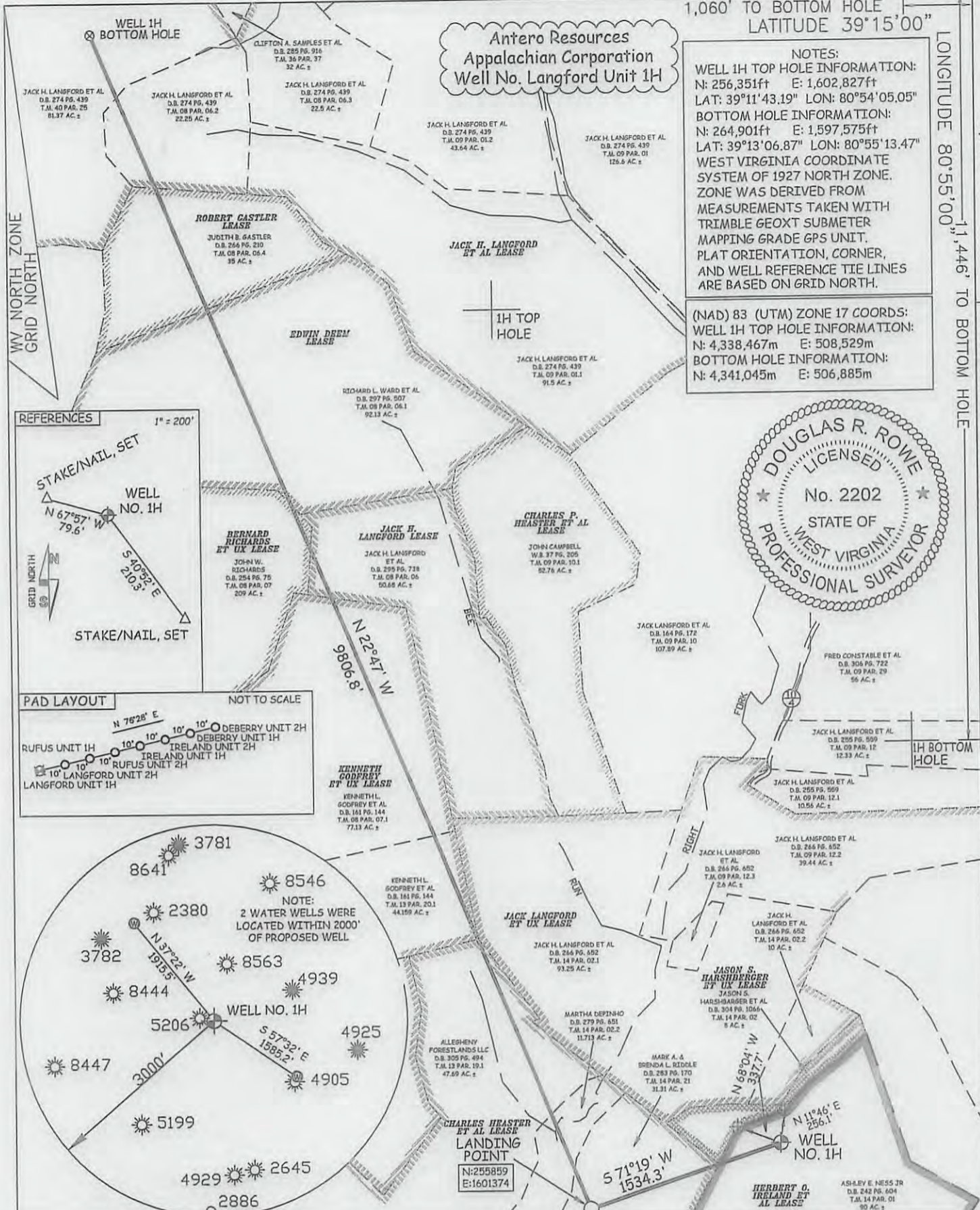


LATITUDE 39°12'30"

7,483'

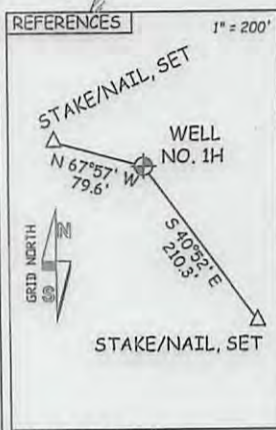
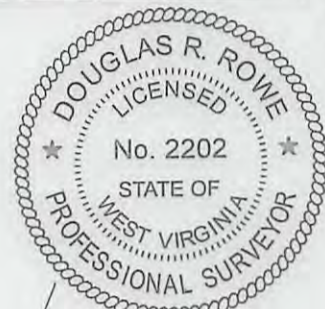
1,060' TO BOTTOM HOLE  
LATITUDE 39°15'00"

LONGITUDE 80°55'00"  
1,446' TO BOTTOM HOLE  
LONGITUDE 80°52'30"



**NOTES:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 256,351ft E: 1,602,827ft  
 LAT: 39°11'43.19" LON: 80°54'05.05"  
**BOTTOM HOLE INFORMATION:**  
 N: 264,901ft E: 1,597,575ft  
 LAT: 39°13'06.87" LON: 80°55'13.47"  
 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: 4,338,467m E: 508,529m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,341,045m E: 506,885m



JOB # 13-016WA DRAWING # LANGFORD1H SCALE 1" = 1000' 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.		<b>LEGEND</b> - - - Surface Owner Boundary Lines +/- - - - Interior Surface Tracts +/- X Existing Fence Stone, Found	
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS WELL TYPE: OIL ___ GAS <input checked="" type="checkbox"/> LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE ___ DEEP ___ SHALLOW <input checked="" type="checkbox"/> LOCATION: ELEVATION 1,075' WATERSHED LITTLE WHITE OAK CREEK QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE		STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415		DATE 05/02/13 OPERATOR'S WELL# LANGFORD UNIT #1H API WELL # 47-085-10044 STATE COUNTY PERMIT	
SURFACE OWNER ASHLEY E. NESS, JR. ACREAGE 90 ACRES +/- OIL & GAS ROYALTY OWNER HERBERT O. IRELAND ET AL; CHARLIE HEASTER ET AL; LEASE ACREAGE 90 ACRES±; 234.49 ACRES±; KENNETH GODFREY ET UX; JACK H. LANGFORD; BERNARD RICHARDS ET UX; EDWIN DEEM; ROBERT CASTLER; JACK H. LANGFORD ET AL 175.68 ACRES±; 50.68 ACRES±; 214.94 ACRES±; 92.13 ACRES±; 31.26 ACRES±; 448.5 ACRES±				DOUGLAS R. ROWE P.S. 2202 DIANNA STAMPER CT CORPORATION SYSTEM 5400 D BIG TYLER ROAD CHARLESTON, WV 25313	
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 17,400' MD		STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS		COUNTY NAME PERMIT	
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT ADDRESS 1625 17TH STREET DENVER, CO 80202		STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS		COUNTY NAME PERMIT	

08/02/2013

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Received  
Office of Oil & Gas

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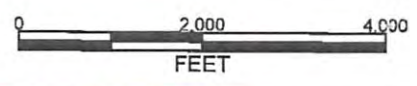
**85-10044 H6A LANGFORD UNIT 1H  
ANTERO RESOURCES**

PAD NAME: NESS

**Antero Resources Corporation**

**APPALACHIAN BASIN**

**Langford Unit 1H  
Ritchie County**



REMARKS  
QUADRANGLE: PULLMAN  
WATERSHED: LEFT FORK  
DISTRICT: UNION

Date: 8/29/2012