

LATITUDE 39°20'00"

8,003'

4,956' TO BOTTOM HOLE  
LATITUDE 39°17'30"

LONGITUDE 81°00'00"

8,674'

LONGITUDE 81°00'00"

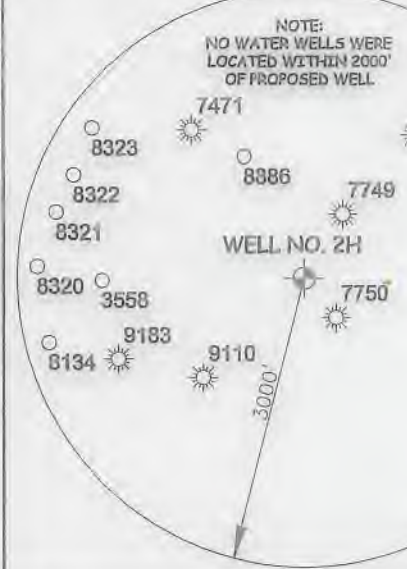
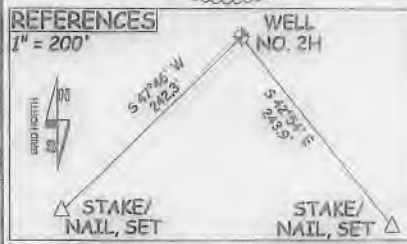
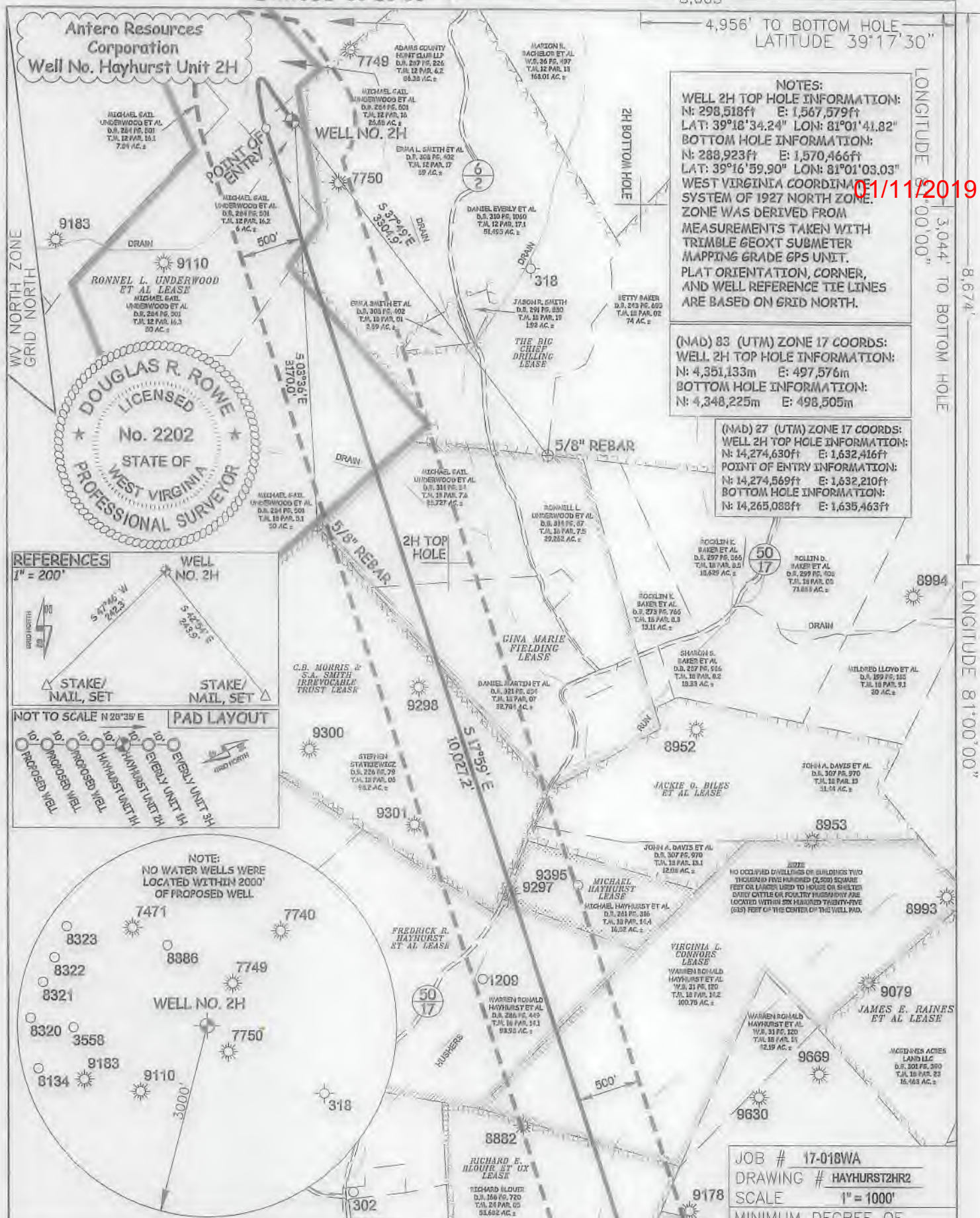
# Antero Resources Corporation Well No. Hayhurst Unit 2H

**NOTES:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 298,518ft E: 1,567,579ft  
 LAT: 39°18'34.24" LON: 81°01'41.82"  
**BOTTOM HOLE INFORMATION:**  
 N: 288,923ft E: 1,570,466ft  
 LAT: 39°16'59.90" LON: 81°01'03.03"  
 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: 4,351,133m E: 497,576m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,348,225m E: 498,505m

**(NAD) 27 (UTM) ZONE 17 COORDS:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 14,274,630ft E: 1,632,416ft  
**POINT OF ENTRY INFORMATION:**  
 N: 14,274,569ft E: 1,632,210ft  
**BOTTOM HOLE INFORMATION:**  
 N: 14,265,088ft E: 1,635,463ft

01/11/2019



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 RULES 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 AVENUE PENNSBORO WEST VIRGINIA 26415

**LEGEND**

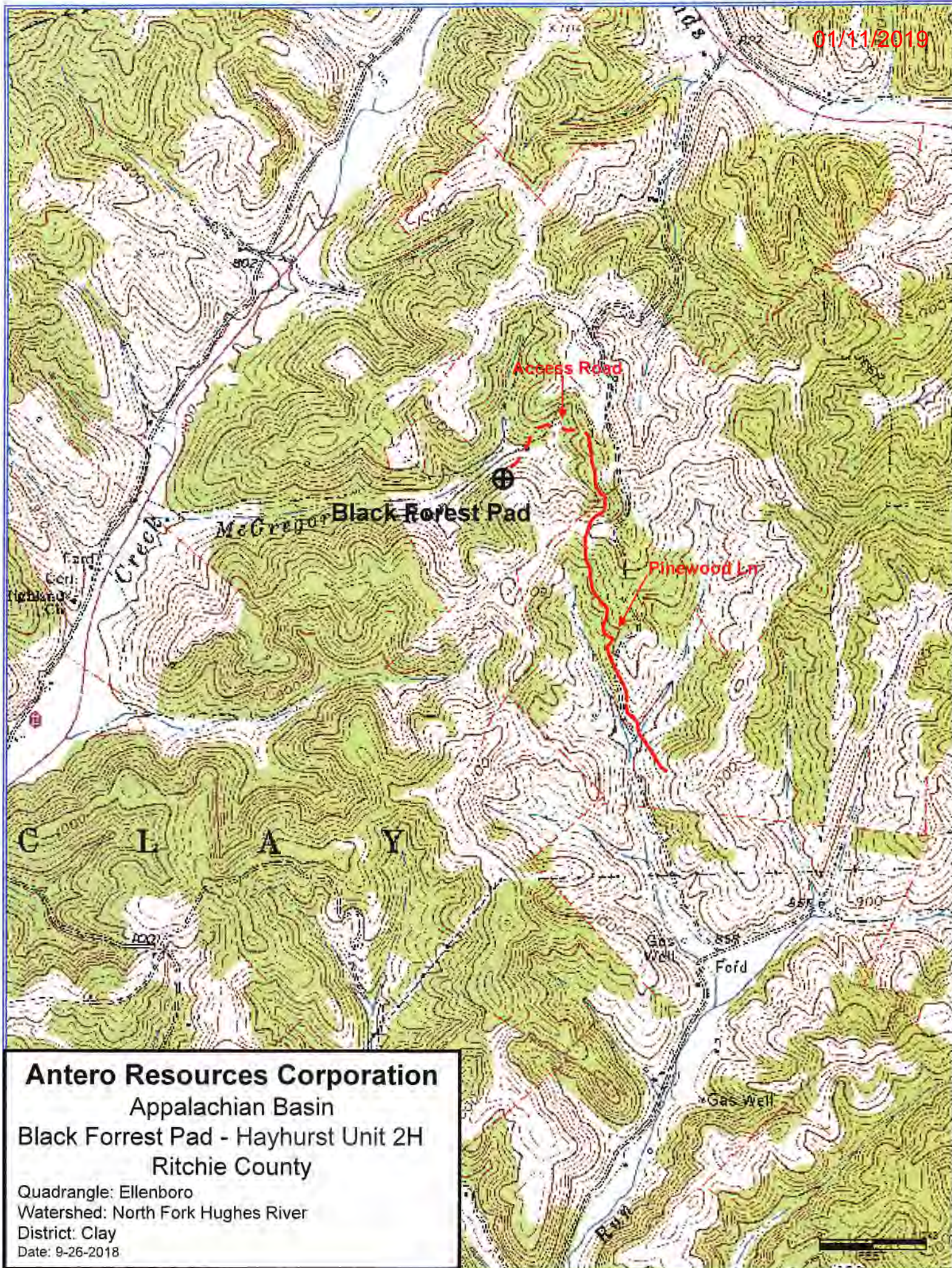
	Existing Fence
	Rebar, Found
	Surface Owner Boundary Lines +/-
	Interior Surface Tracts +/-

JOB #	17-018WA
DRAWING #	HAYHURST2HR2
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	
API WELL #	47 - 085 - 10377
STATE COUNTY PERMIT	

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,083' AS BUILT WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE ELLENBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER MICHAEL GAIL UNDERWOOD ET AL ACREAGE 6 ACRES +/-  
 OIL & GAS ROYALTY OWNER RONNELL L. UNDERWOOD ET AL; THE BIG CHIEF DRILLING; GINA MARIE FIELDING; C.B. MORRIS & S.A. SMITH LEASE ACREAGE 168.52 AC.; 243.81 AC.; 100 AC.; 100 AC.;  
 IRREVOCABLE TRUST: MICHAEL HAYHURST; FREDRICK R. HAYHURST ET AL; VIRGINIA L. CONNORS; RICHARD E. BLOUR ET UX; JOHN M. ANKROM 16.52 AC.; 152.19 AC.; 100.75 AC.; 54.081 AC.; 15 AC.;  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ PLUG & ABANDON  CLEAN OUT & REPLUG   
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 17,300' MD  
 WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1015 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

DOUGLAS R. ROWE P.S. 2202  
 DATE 09/25/18  
 OPERATOR'S WELL# HAYHURST UNIT #2H  
 COUNTY NAME  
 PERMIT

01/11/2019



**Antero Resources Corporation**  
Appalachian Basin  
Black Forrest Pad - Hayhurst Unit 2H  
Ritchie County

Quadrangle: Ellenboro  
Watershed: North Fork Hughes River  
District: Clay  
Date: 9-26-2018