

81° 14' 49.1"  
(81.24696)

10920'

LATITUDE 39° 00'

LONGITUDE 81° 12' 30"

7100'

38° 59' 29.1"  
(38.99143)

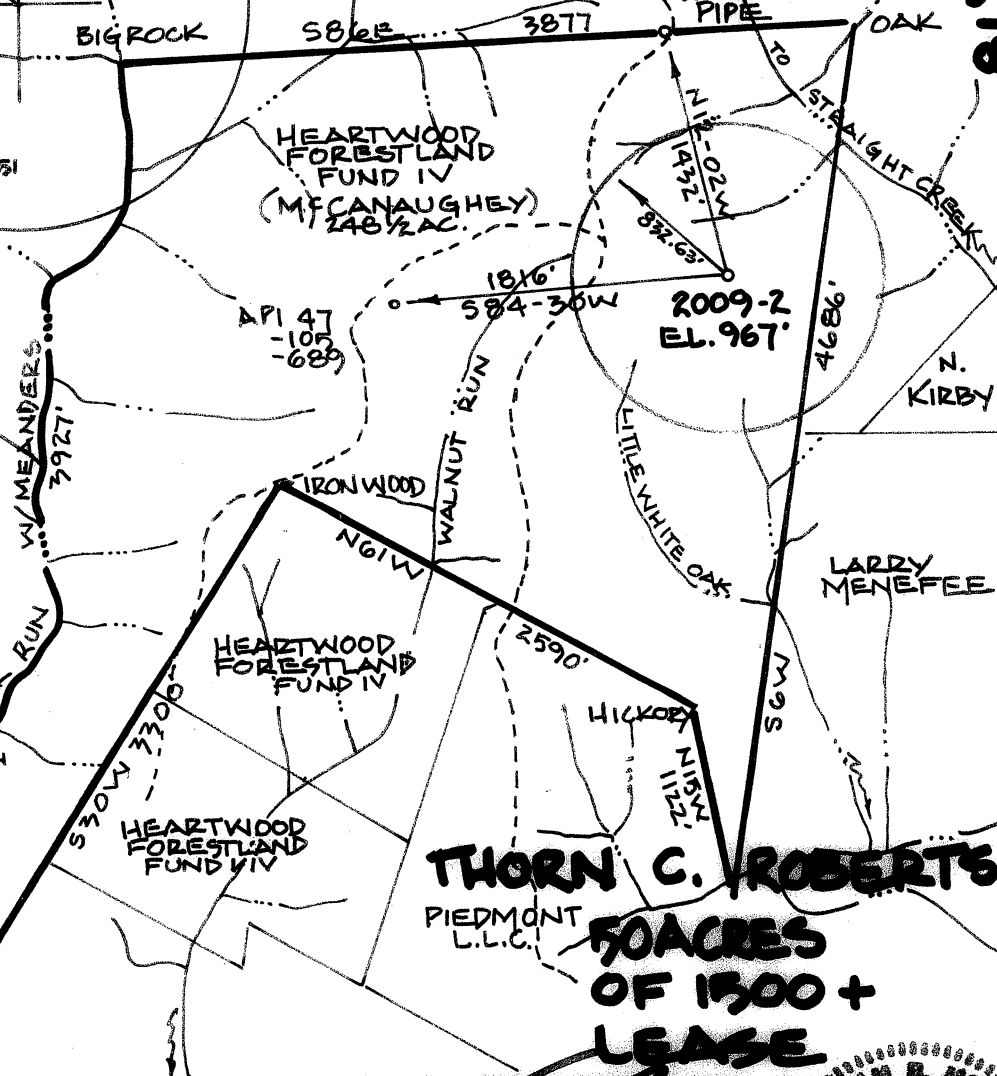
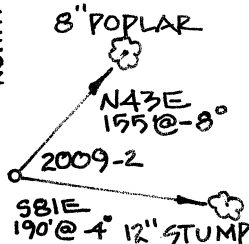
UTM NAD 83  
17S 0478612  
4315647

HEARTWOOD FORESTLAND FUND IV

HEARTWOOD FORESTLAND FUND IV  
(MFCANAUGHEY)  
248.2 AC.

HEARTWOOD FORESTLAND FUND IV

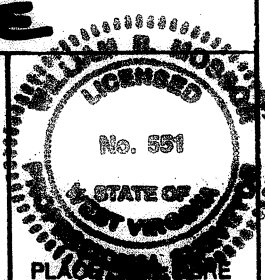
NORTH



**THORN C. ROBERTS**  
PIEDMONT L.L.C.  
**FOACRES OF 1500+ LEASE**

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION G. P. S.  
OBSERVATION

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 DESCRIBED BY THE DEPARTMENT OF ENERGY.  
(SIGNED) \_\_\_\_\_  
R.P.E. \_\_\_\_\_ P.S. 551



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS



DATE JULY 12, 2011  
OPERATOR'S WELL NO. 2009-2  
API WELL NO. 47-105-01363  
STATE COUNTY PERMIT

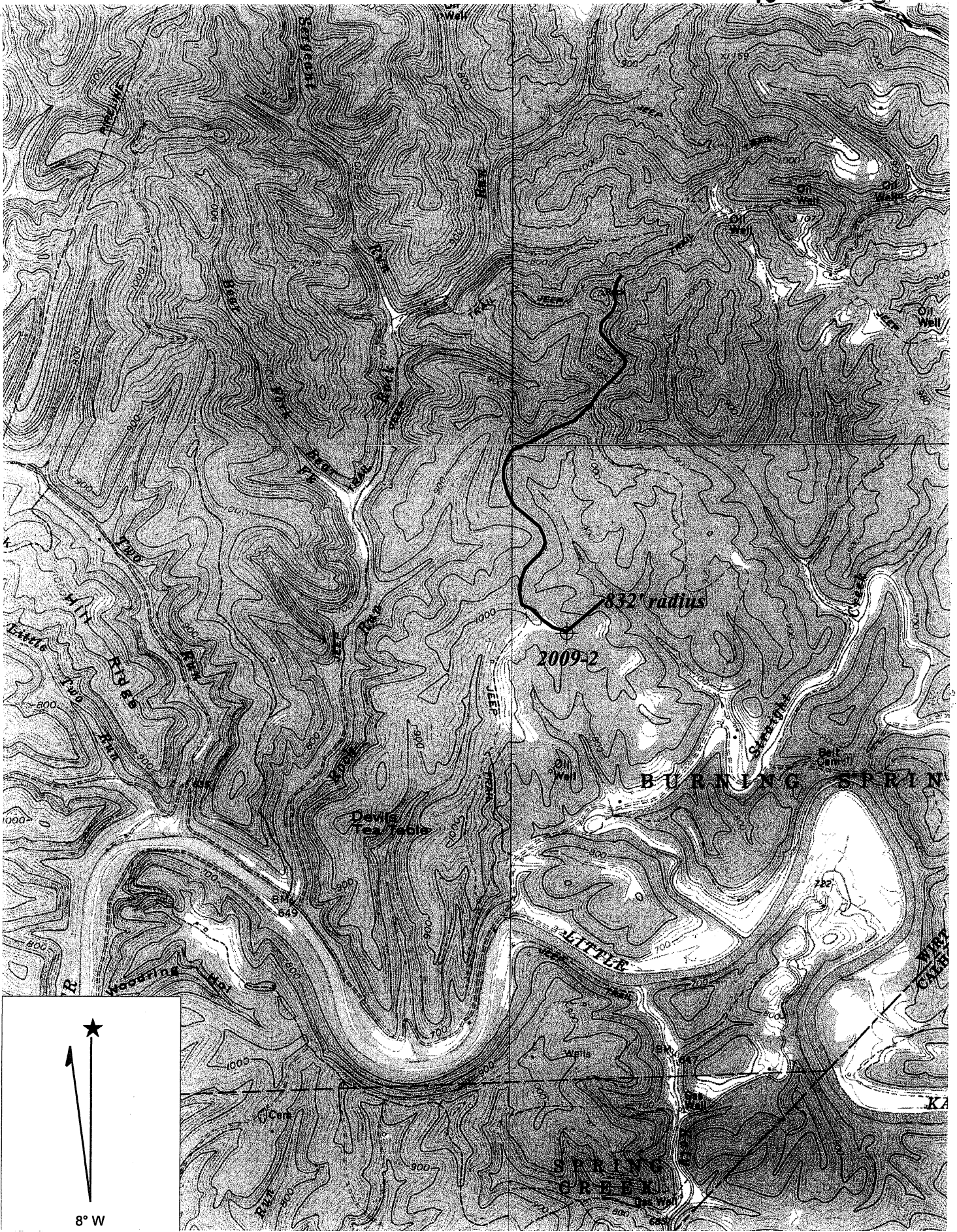
WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
LOCATION: ELEVATION 967' WATER SHED LITTLE WHITE OAK & STRAIGHT CREEK  
DISTRICT BURNING SPRINGS COUNTY WIRT  
QUADRANGLE ANNAPOLISIAN-1  
SURFACE OWNER HEARTWOOD FORESTLAND (MFCANAUGHEY) ACREAGE 248.5  
OIL & GAS ROYALT THORN C. ROBERTS LEASE AC 50 OF 1500+  
PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

COUNTY NAME  
PERMIT

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION COAL & 5TH SAND ESTIMATED DEPTH 3000'  
WELL OPERATOR STANDARD OIL CO. INC DESIGNATED AGENT Andy Zelma  
ADDRESS 156 MAIN ST. CAIRO, WV 26337 ADDRESS PA 160 1/2 Layre St Retart, WV 25253

FORM WW-6





**ANNAMORIAH QUADRANGLE**

SCALE 1" = 2000'

**STANDARD OIL CO., INC.**

WELL: 2009-2

THORN C. ROBERTS 50 ACRES OF +1500 ACRE LEASE

BURNING SPRINGS DISTRICT WIRT COUNTY WEST VIRGINIA