

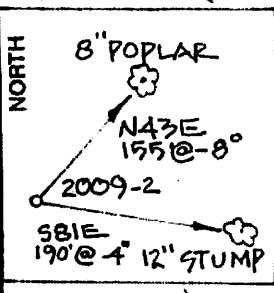
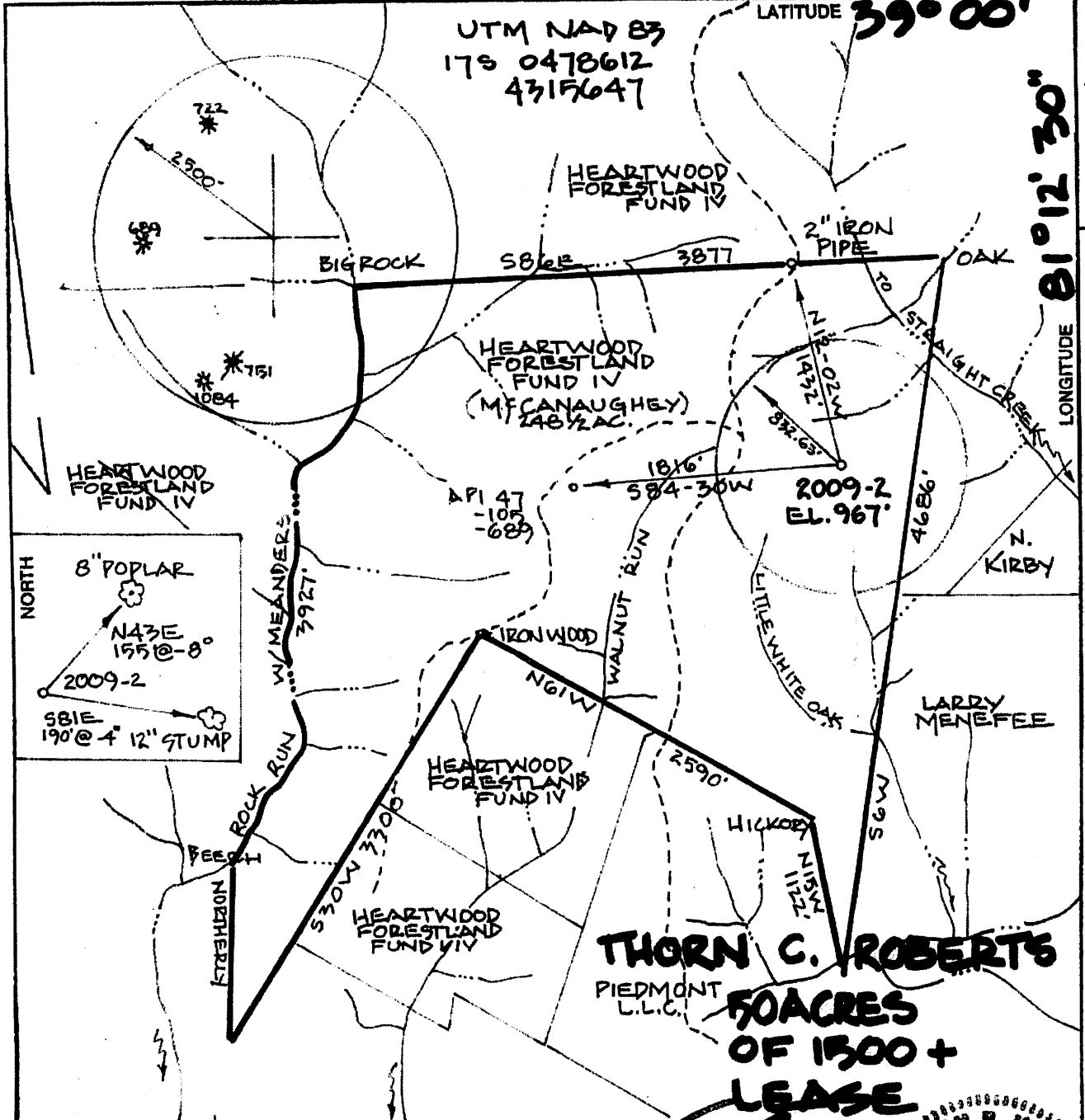
81° 14' 49.1" (Bl. 24696)  
 10920'

UTM NAD 83  
 17S 0478612  
 4315647

LATITUDE 39° 00'

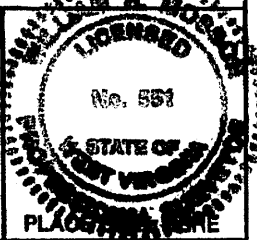
LONGITUDE 81° 12' 30"

7100'  
 38° 59' 29.1" (78.99143)



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.  
 (SIGNATURE) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ P.S. 551



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

DATE JULY 17, 2011  
 OPERATOR'S WELL NO. 2009-2  
 API WELL NO. 47-105-01363

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 WIET  
 QUADRANGLE ANNAPOLIAN-1

SURFACE OWNER HEARTWOOD FORESTLAND (McCAUGHEY) 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) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION GORDON & 5TH SAND ESTIMATED DEPTH 3000'  
 WELL OPERATOR STANDARD OIL CO. INC DESIGNATED AGENT Andy Zelma  
 ADDRESS 150 MAIN ST. CAIRO, WV 26337 ADDRESS PA-160 1/2 Layre St Letart, WV 25253

**CANCELLED**

105-01363



**ANNAMORIAH QUADRANGLE**

SCALE 1" = 2000'

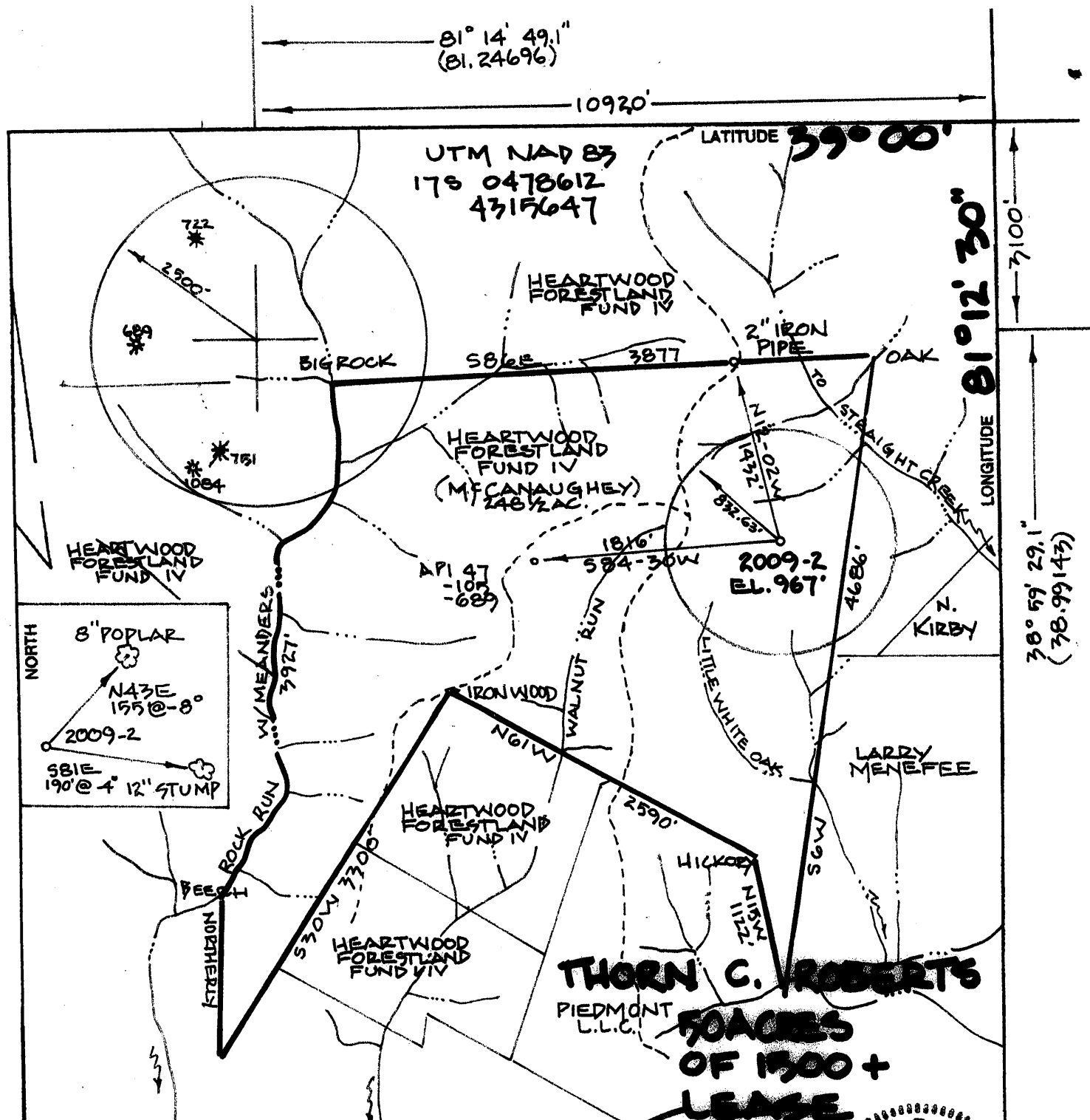
**STANDARD OIL CO., INC.**

WELL: 2009-2

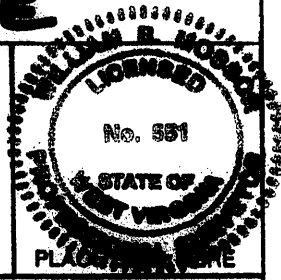
**THORN C. ROBERTS 50 ACRES OF +1500 ACRE LEASE**

**BURNING SPRINGS DISTRICT WIRT COUNTY WEST VIRGINIA**

02/28/2014



**THORN C. ROBERTS**  
**FOACERS**  
**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 KNOWN TO ME BY LAW AND THE REGULATIONS OF THE DEPARTMENT OF ENERGY AND ENVIRONMENT OF WEST VIRGINIA.  
 (SIGNED) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ P.S. 551

<b>STATE OF WEST VIRGINIA</b> DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS		DATE <u>JULY 17, 2011</u> OPERATOR'S WELL NO. <u>2009-2</u> API WELL NO. <u>47 105 01363</u> STATE COUNTY PERMIT
WELL TYPE: OIL <input checked="" type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION _____ WASTE DISPOSAL _____ (IF "GAS,") PRODUCTION <input checked="" type="checkbox"/> STORAGE _____ DEEP _____ SHALLOW <input checked="" type="checkbox"/>		COUNTY NAME <b>WEST VIRGINIA</b>
LOCATION: ELEVATION <u>967'</u> WATER HED <u>LITTLE WHITE OAK &amp; STRAIGHT CREEK</u> DISTRICT _____ COUNTY <u>WEST VIRGINIA</u>		
SURFACE OWNER <u>HEARTWOOD FORESTLAND FUND IV (MFCANAUGHEY)</u> ACREAGE <u>246.5</u> OIL & GAS ROYALT <u>THORN C. ROBERTS</u> LEASE AC <u>50 OF 1500+</u>		PERMIT
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____		
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ TARGET FORMATION <u>W. VIRGINIA SHALE</u> ESTIMATED DEPTH <u>3000'</u>		
WELL OPERATOR <u>W. VIRGINIA OIL CO., INC</u> DESIGNATED AGENT <u>Andy Zelner</u> ADDRESS <u>152 1/2 ST. CAIRO, WV 26337</u> ADDRESS <u>PA 160 1/2 layne St Retart, WV 25253</u>		

FORM WW-6