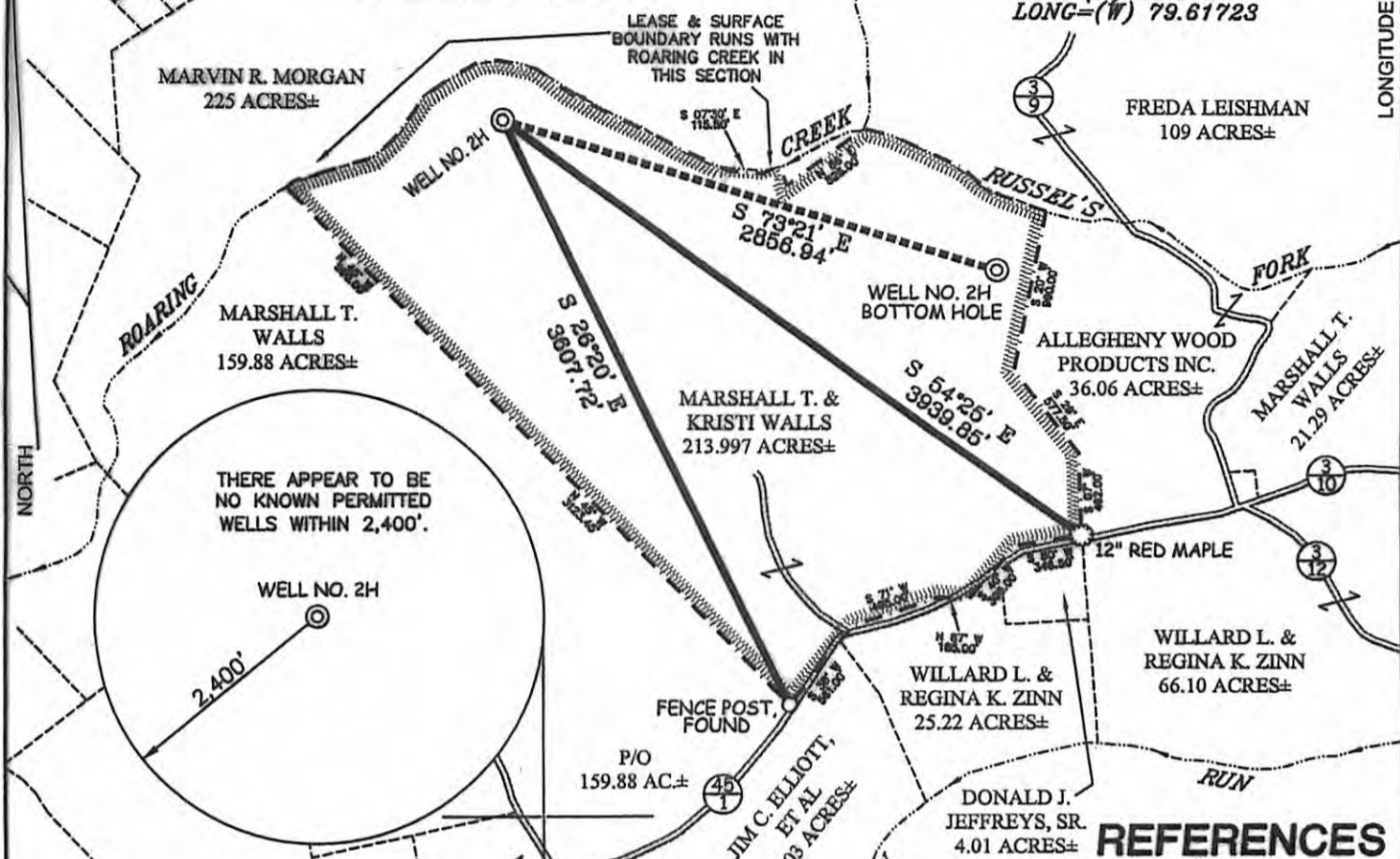


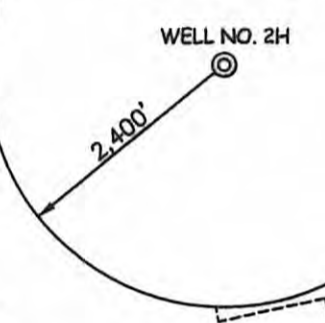
# WALLS LEASE 213.997 ACRES ± WELL NO. 2H

LATITUDE 39° 32' 30"  
WELL NO. 2H  
STATE PLANE COORDINATES  
(NORTH ZONE)  
N. 368,154  
E. 1,966,924  
LAT=(N) 39.51074  
LONG=(W) 79.61723

LONGITUDE 79° 35' 00"



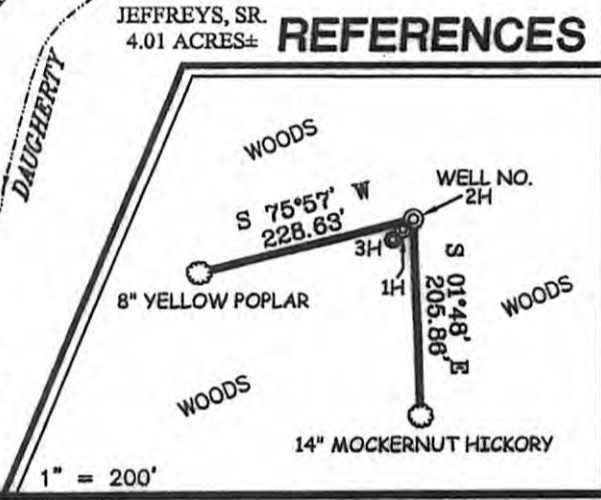
THERE APPEAR TO BE NO KNOWN PERMITTED WELLS WITHIN 2,400'.



### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 07/30/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE OPINION DATED 07/23/09 AS PREPARED BY CLAIRE SEGENT WALLS, ATTORNEY AT LAW, PLLC.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF PRESTON COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

**BOTTOM HOLE WELL NO. 2H STATE PLANE COORDINATES (NORTH ZONE)**  
N. 367,336  
E. 1,969,661  
LAT=(N) 39.50850  
LONG=(W) 79.60753



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 PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677  
*Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE AUGUST 03, 20 09  
OPERATORS WELL NO. JAYHAWK #2H  
API WELL NO. 47 - 077 - 00511H  
STATE COUNTY PERMIT  
**CANCELLED**

MINIMUM DEGREE OF ACCURACY 1/200  
FILE NO. 7270P2H (257-60)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)  
SCALE 1" = 1,000'

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION: ELEVATION 1,426' WATERSHED ROARING CREEK  
DISTRICT PORTLAND COUNTY PRESTON QUADRANGLE CUZZART 7.5'

SURFACE OWNER MARSHALL T. & KRISTI WALLS ACREAGE 213.997±  
ROYALTY OWNER MARSHALL T. & KRISTI WALLS LEASE ACREAGE 213.997±  
PROPOSED WORK: LEASE NO. \_\_\_\_\_

DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD \_\_\_  
FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS  
ESTIMATED DEPTH 8,000' (TOTAL VERTICAL DEPTH)

WELL OPERATOR NOVUS OPERATING, LLC. DESIGNATED AGENT CHARLES B. DOLLISON  
ADDRESS 2963 RUGER DRIVE ADDRESS P.O. BOX 1386  
ROYCE CITY, TEXAS 75189 CHARLESTON, WV 25320

10/24/2014

COUNTY NAME PERMIT