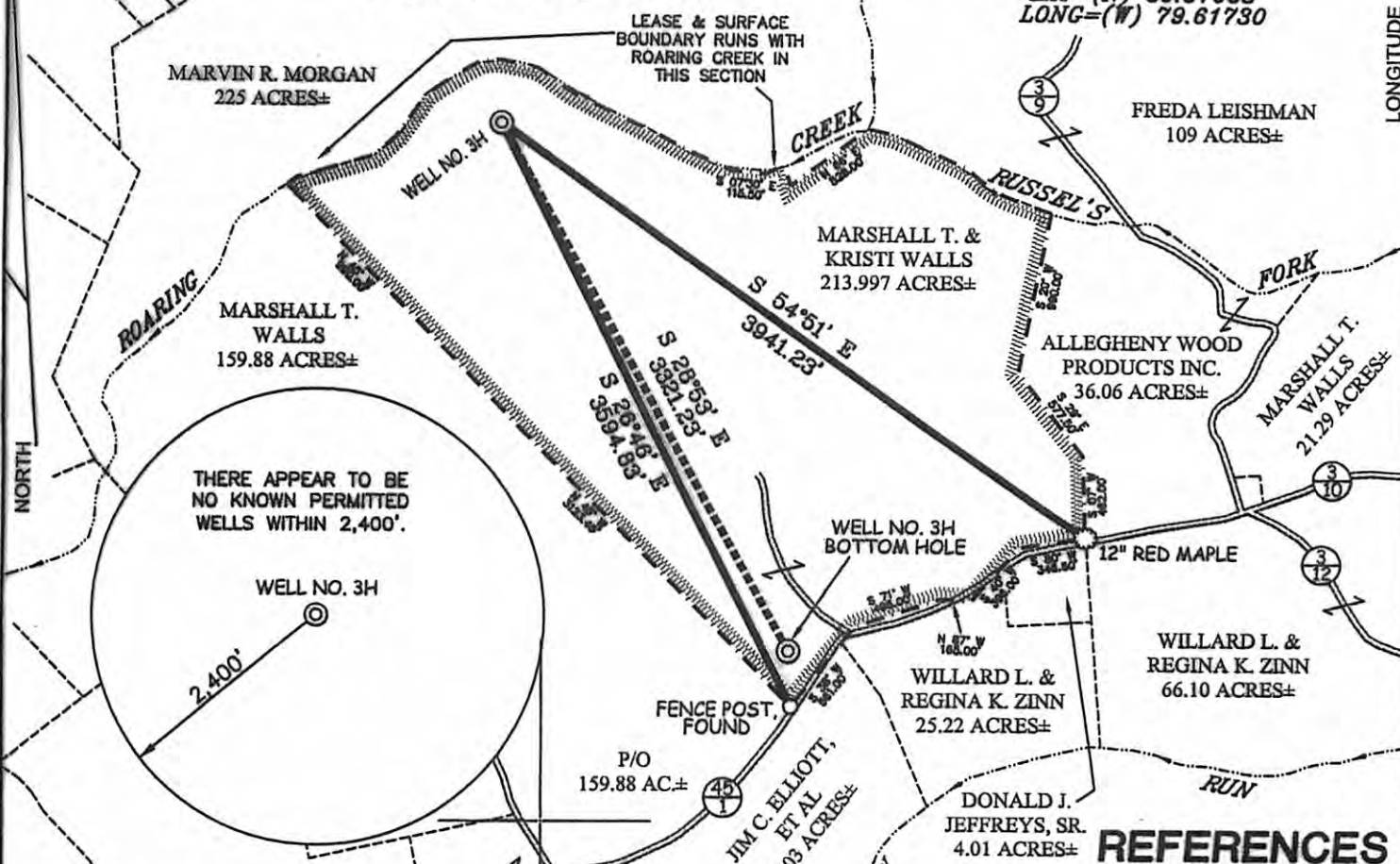


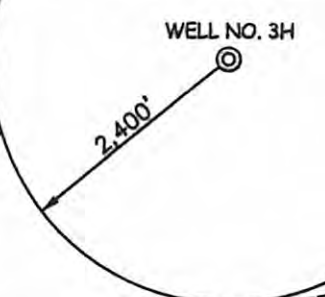
WALLS LEASE 213.997 ACRES± WELL NO. 3H

LATITUDE 39° 32' 30"
WELL NO. 3H
STATE PLANE COORDINATES
(NORTH ZONE)
N. 368,130
E. 1,966,905
LAT=(N) 39.51068
LONG=(W) 79.61730

LONGITUDE 79° 35' 00"



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



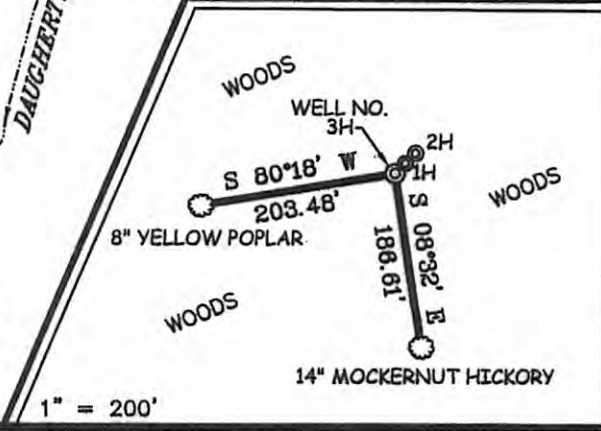
NOTES ON SURVEY

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. 3H
STATE PLANE COORDINATES
(NORTH ZONE)
N. 365,222
E. 1,968,509
LAT=(N) 39.50269
LONG=(W) 79.61160



REFERENCES



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 #3H
API WELL NO. 47-077-00512
STATE WV COUNTY PRESTON PERMIT Cancelled

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7270P3H (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: 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 25325 **10/24/2014**

COUNTY NAME PERMIT