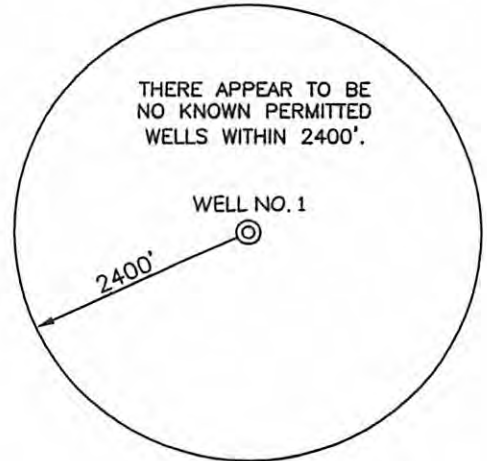
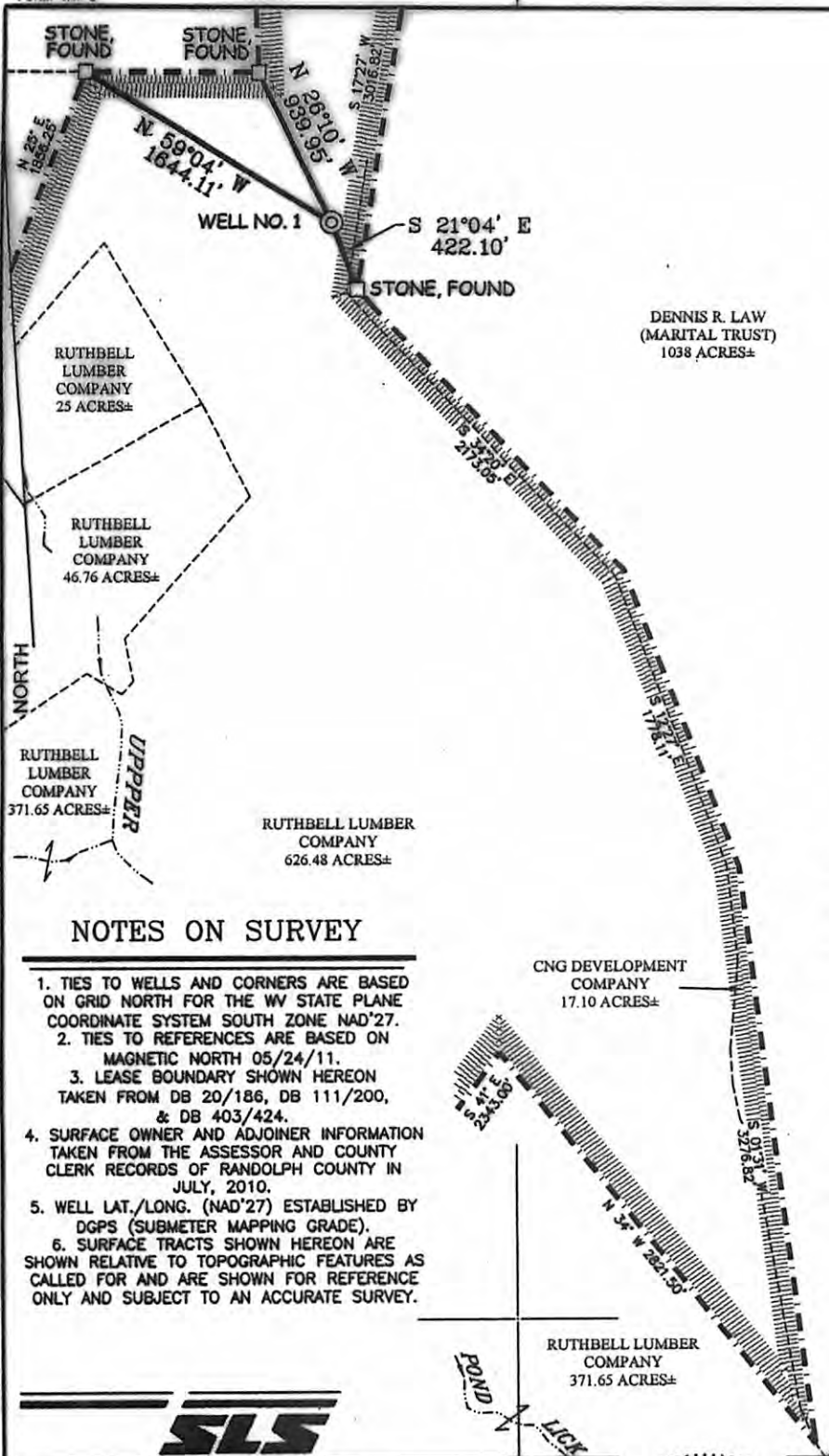


BOWDEN LEASE 900 ACRES ± WELL NO. 1



WELL NO. 1V
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 685,614
E. 2,357,963

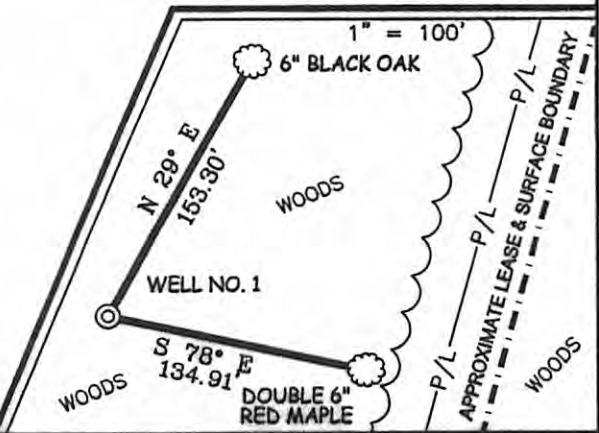
LAT=(N) 38.87615
LONG=(W) 79.74267

UTM (NAD'83)
N. 4,303,797
E. 609,085

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD'27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 05/24/11.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DB 20/186, DB 111/200, & DB 403/424.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RANDOLPH COUNTY IN JULY, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
6. SURFACE TRACTS SHOWN HEREON ARE SHOWN RELATIVE TO TOPOGRAPHIC FEATURES AS CALLED FOR AND ARE SHOWN FOR REFERENCE ONLY AND SUBJECT TO AN ACCURATE SURVEY.

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 26, 20 11

OPERATORS WELL NO. UPPER POND #1

API WELL NO. 47-083-01252

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500

FILE NO. 7557P1 (346-50)

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 3,740' WATERSHED UPPER POND LICK

DISTRICT BEVERLY COUNTY RANDOLPH QUADRANGLE BOWDEN 7.5'

SURFACE OWNER RUTHBELL LUMBER COMPANY ACREAGE 626.48±

ROYALTY OWNER E & K PROPERTIES, L.P. ACREAGE 900±

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 ELK ESTIMATED DEPTH 5,500'

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

11/22/2013

COUNTY NAME PERMIT