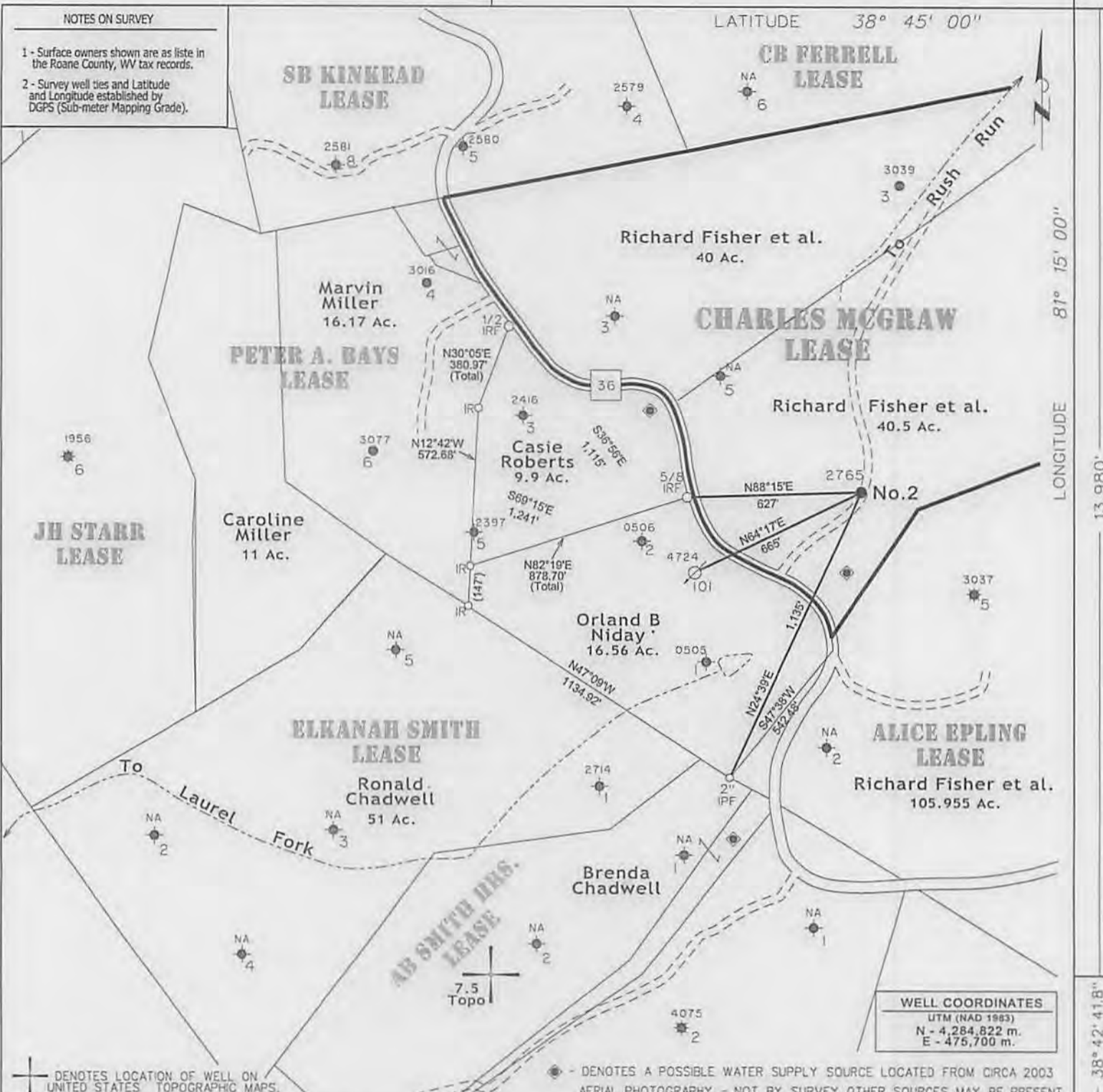


NOTES ON SURVEY

- 1 - Surface owners shown are as listed in the Roane County, WV tax records.
- 2 - Survey well ties and Latitude and Longitude established by DGPS (Sub-meter Mapping Grade).



LONGITUDE 81° 15' 00"

13,980'

Latitude - 38° 42' 41.8"

WELL COORDINATES
 UTM (NAD 1983)
 N - 4,284,822 m.
 E - 475,700 m.

⊕ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

⊙ DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY Sub-Meter
 PROVEN SOURCE OF ELEVATION DGPS Survey

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 DEPARTMENT OF MINES.

(SIGNED) *[Signature]*
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25304



DATE March 18, 2015
 FARM Charles McGraw No.2
 API WELL NO. 47-087-02765W

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____ HORIZONTAL _____
 LOCATION: ELEVATION 1,085' WATERSHED Rush Run
 DISTRICT Smithfield COUNTY Roane
 QUADRANGLE Looneyville 7.5'

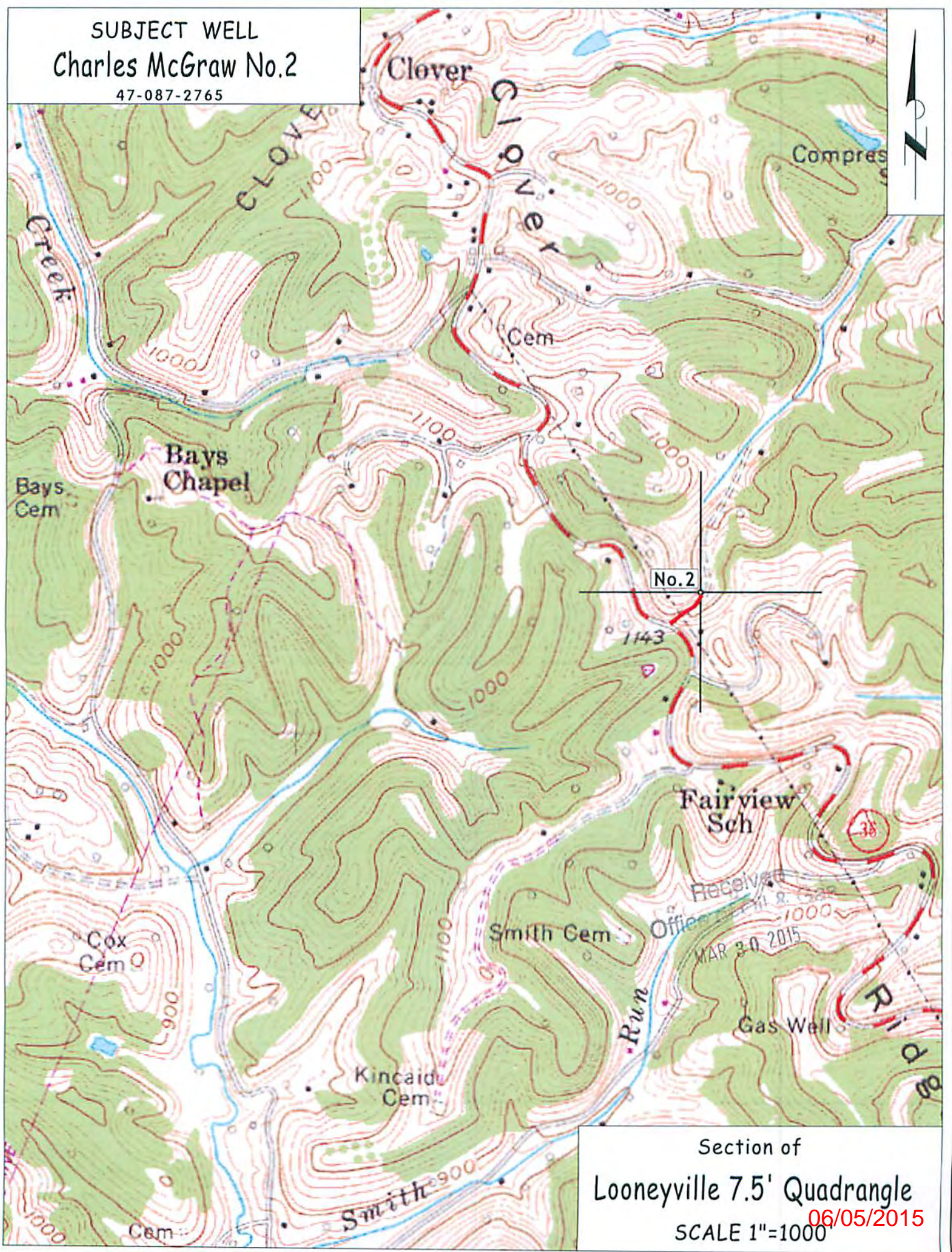
SURFACE OWNER Richard Fisher et al. ACREAGE 40.5 Ac.
 OIL & GAS ROYALTY OWNER George W. Carr et al. LEASE ACREAGE 75 Ac. 06/05/2015
 LEASE NO. 61420-50

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Clean Out & Run Casing

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Big Injun ESTIMATED DEPTH 2,115'
 WELL OPERATOR H.G Energy, LLC DESIGNATED AGENT Diane White
 ADDRESS 5260 Dupont Road ADDRESS 5260 Dupont Road
 Parkersburg, WV 26101 Parkersburg, WV 26101

4702765W

SUBJECT WELL
Charles McGraw No.2
47-087-2765



Section of
Looneyville 7.5' Quadrangle
SCALE 1"=1000
06/05/2015