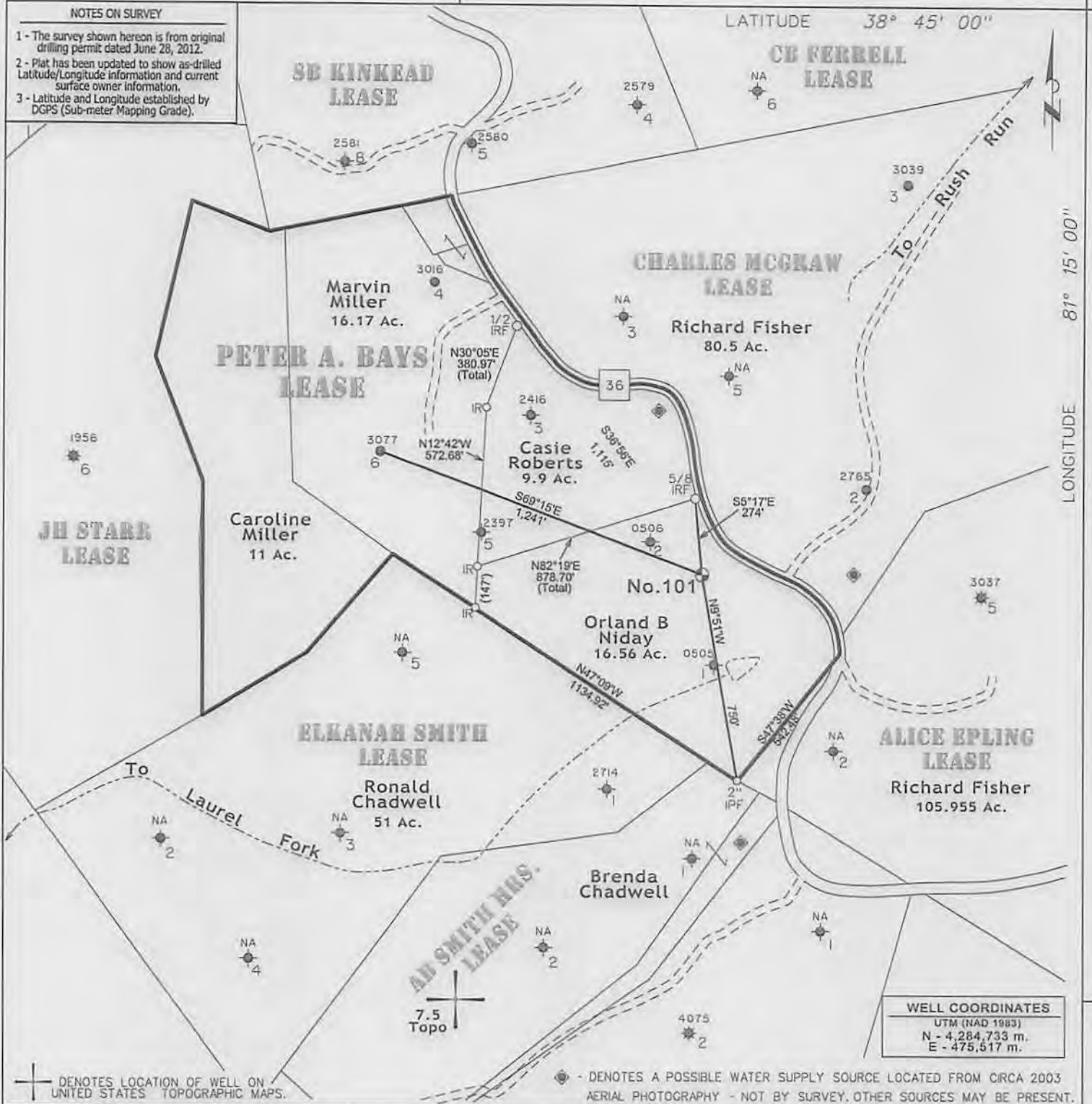


NOTES ON SURVEY

- 1 - The survey shown hereon is from original drilling permit dated June 28, 2012.
- 2 - Plat has been updated to show as-drilled Latitude/Longitude information and current surface owner information.
- 3 - Latitude and Longitude established by DGPS (Sub-meter Mapping Grade).




WELL COORDINATES
 UTM (NAD 1983)
 N - 4,284,733 m.
 E - 475,517 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. 1047-25
 DRAWING NO. 1 - Frac
 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) 
 TIMOTHY P. ROUSH PS 793



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



DATE June 25, 2014
 FARM P.A. Bays No.101
 API WELL NO. 47-087-04724 W/S

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___ HORIZONTAL ___
 LOCATION: ELEVATION 1,173' WATERSHED Laurel Fork
 DISTRICT Smithfield COUNTY Roane
 QUADRANGLE Looneyville 7.5'
 SURFACE OWNER Orland B. Niday ACREAGE 16.56 Ac.
 OIL & GAS ROYALTY OWNER HG Energy et al. LEASE ACREAGE 43.5 Ac.
 LEASE NO. 74936-50
 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 Big Injun ESTIMATED DEPTH 2,360'
 WELL OPERATOR H.G Energy, LLC DESIGNATED AGENT Diane White
 ADDRESS 5260 Dupont Road Parkersburg, WV 26101 ADDRESS 5260 Dupont Road Parkersburg, WV 26101

08/29/2014

SUBJECT WELL
P.A. Bays No.101
47-087-4724



Section of
U.S. Department of
Environmental Protection
Looneyville 7.5' Quadrangle
SCALE 1"=1000'