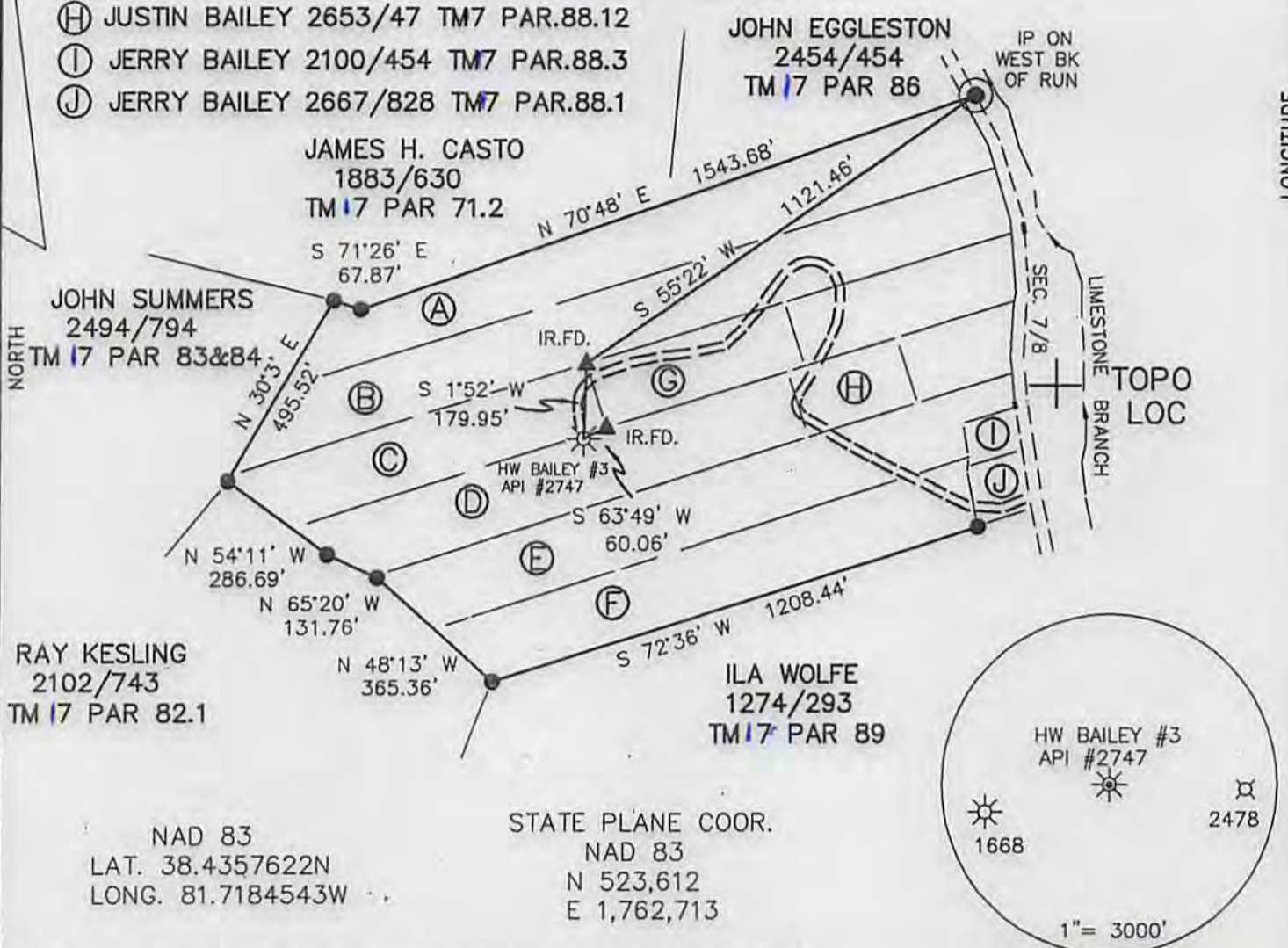


- (A) DAREEN OWEN 2381/422 TM7 PAR.88.6
- (B) RON RAYMOND 2549/944 TM7 PAR.88.10
- (C) DANNY BOWEN 2359/526 TM7 PAR.88.11
- (D) RODNEY BAILEY 2549/942 TM7 PAR.88.8
- (E) JERRY BAILEY 2359/518 TM7 PAR.88.9
- (F) HISEL BAILEY JR. 2359/512 TM7 PAR.88.7
- (G) PATRICK JOHNSON JR. 2729/651 TM7 PAR.88.13
- (H) JUSTIN BAILEY 2653/47 TM7 PAR.88.12
- (I) JERRY BAILEY 2100/454 TM7 PAR.88.3
- (J) JERRY BAILEY 2667/828 TM7 PAR.88.1

LATITUDE 38°27'30"
 UTM NAD.83
 ZONE 17
 0437296E
 4254410N



NAD 83
 LAT. 38.4357622N
 LONG. 81.7184543W

STATE PLANE COOR.
 NAD 83
 N 523,612
 E 1,762,713

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 14-33
 SCALE 1"=400'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION GPS

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 ENERGY.
 (SIGNED) _____
 R.P.E. _____ P.S. 851



STATE OF WEST VIRGINIA
 Department of Environmental Protection
 OFFICE OF OIL AND GAS

DATE 7/18, 2014
 OPERATOR'S WELL NO. HW BAILEY #3
 API WELL NO. 47 - 039 - 02747
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 829 WATER SHED LIMESTONE BRANCH
 DISTRICT UNION COUNTY KANAWHA
 QUADRANGLE POCOTALICO

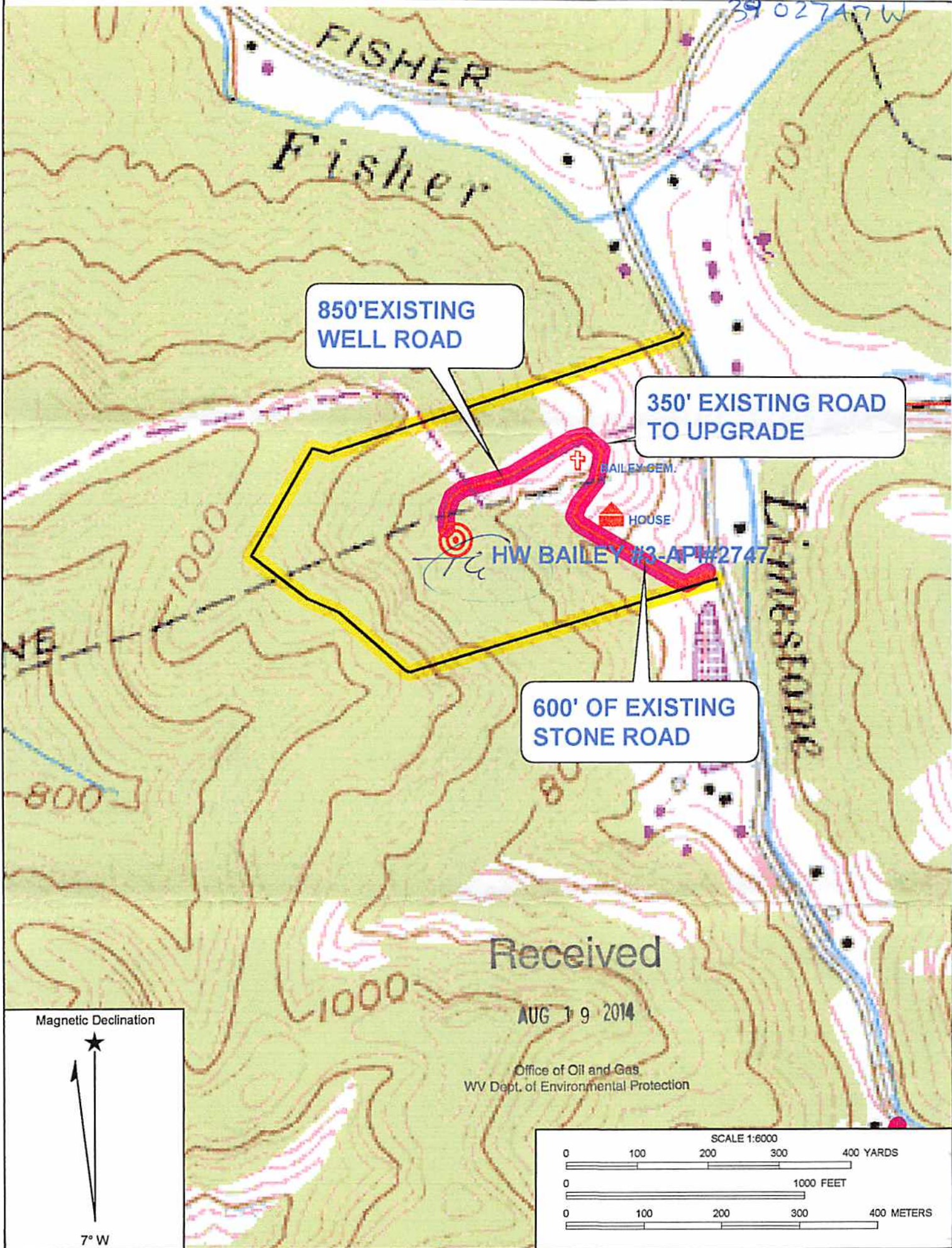
SURFACE OWNER RODNEY BAILEY ACREAGE 5.22
 OIL & GAS ROYALTY OWNER HISEL W. BAILEY ETAL LEASE ACREAGE 169
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY): PULL TUBING & INSTALL 4 1/2'

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION BROWN SHALE ESTIMATED DEPTH 4193
 WELL OPERATOR SHALE GAS PRODUCTION LLC DESIGNATED AGENT J. SCOTT FRESHWATER
 ADDRESS 929 CHARLESTON ROAD ADDRESS 929 CHARLESTON ROAD
SPENCER, WV 25276 SPENCER, WV 25276

08/22/2014



850' EXISTING WELL ROAD

350' EXISTING ROAD TO UPGRADE

600' OF EXISTING STONE ROAD

HW BAILEY #3-AP#2747

Received

AUG 19 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Magnetic Declination



7° W

SCALE 1:6000

0 100 200 300 400 YARDS

0 1000 FEET

0 100 200 300 400 METERS