

BOTTOM HOLE: LON:-80°38'45.2"

LON: -80°37'06.5"

9900

LAT: 39°37'30"

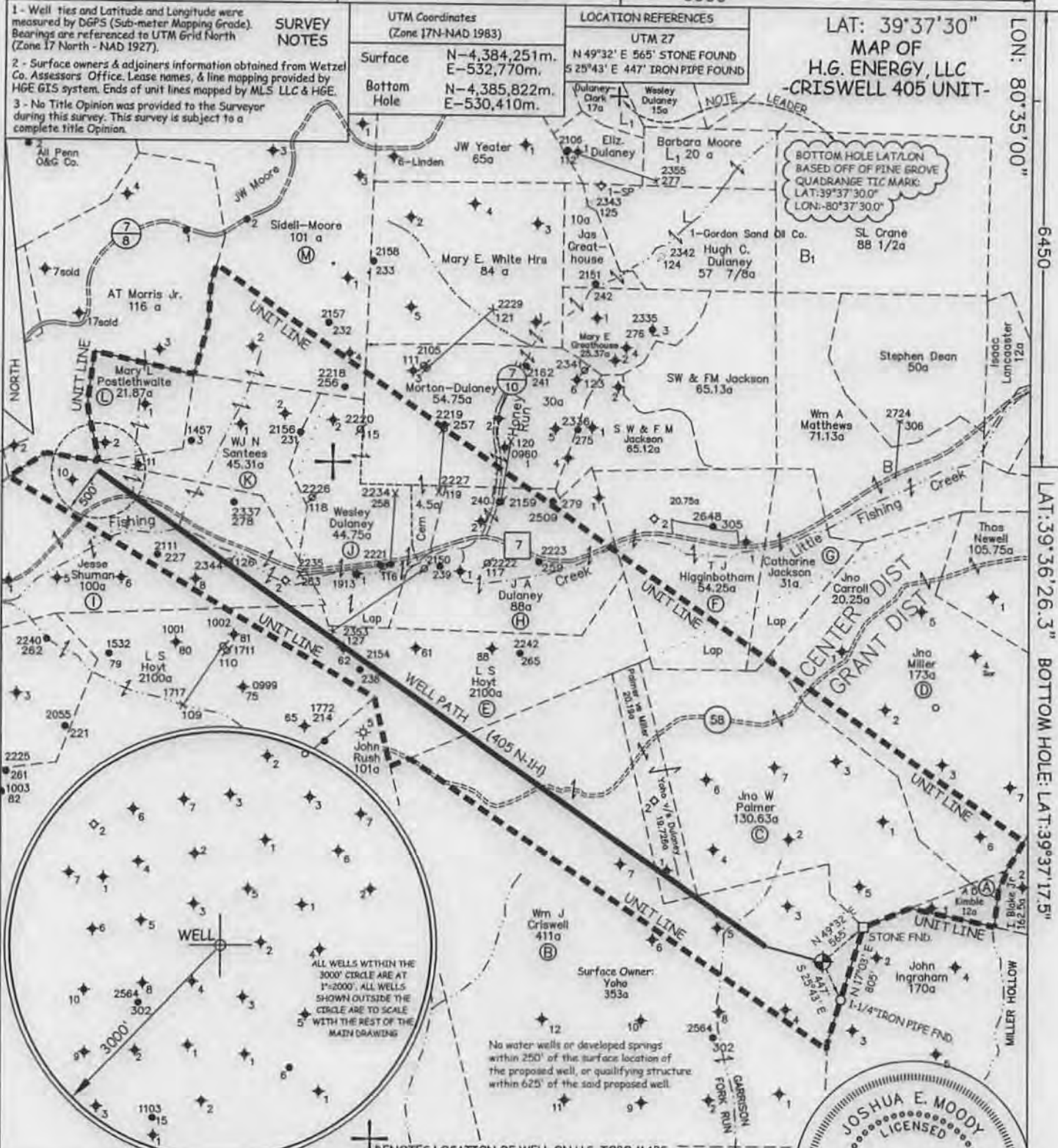
MAP OF H.G. ENERGY, LLC -CRISWELL 405 UNIT-

LON: 80°35'00"

6450

LAT:39°36'26.3"

BOTTOM HOLE: LAT:39°37'17.5"



JOB # 13-001
 DRAWING # 13HG405B 406B
 SCALE 1" = 1500'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE 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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 MOODY LAND SURVEYING, LLC
 ST. MARYS, WV 26170



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

JOSHUA E. MOODY, P.S. 2020
 DATE 8/26/13
 OPERATOR'S WELL # 405 N-1H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1393' WATERSHED NORTH FOR, FISHING CREEK API WELL # 47-103-02974 H6A
 DISTRICT GRANT COUNTY WETZEL STATE COUNTY PERMIT

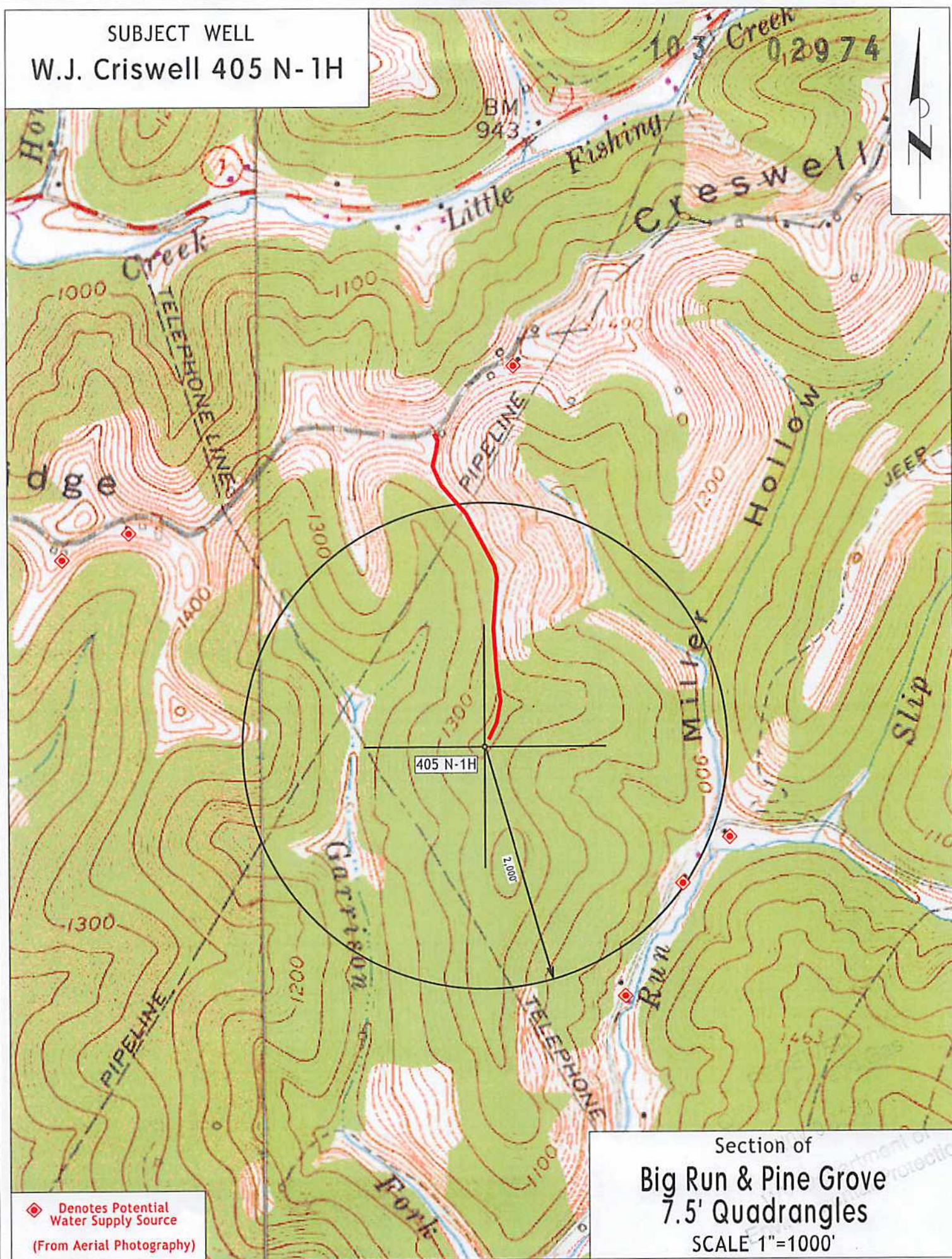
QUADRANGLE BIG RUN 7.5'
 SURFACE OWNER BERNARD LEE YOHO, JR. (surface hole) ACREAGE 353 ACRES +/-
 OIL & GAS ROYALTY OWNER OXY USA, INC. ET AL. LEASE ACREAGE 490.45 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS
 WELL OPERATOR H.G. ENERGY, LLC ESTIMATED DEPTH TVD= 7,230' MD= 16,495'
 ADDRESS 5260 DuPONT ROAD DESIGNATED AGENT MIKE KIRSCH
PARKERSBURG, WV 26101 ADDRESS 5260 DuPONT ROAD
PARKERSBURG, WV 26101

FORM WW-6

LEASE # 107665-00

02/28/2014

SUBJECT WELL
W.J. Criswell 405 N-1H



◆ Denotes Potential Water Supply Source
(From Aerial Photography)

Section of
Big Run & Pine Grove
7.5' Quadrangles
SCALE 1"=1000'