

HELDRETH LEASE WELL NO. M2 53 ACRES ±

DALEN R. SCHLABACH
68 ACRES±

RUSSELL G. AND MARY BEALL
25 ACRES±

DALEN R. SCHLABACH
53 ACRES±

DALEN R. SCHLABACH
46.45 ACRES±

NOAH L. AND EMMA YODER
36.37 ACRES±

NOAH L. AND EMMA YODER
125 ACRES±

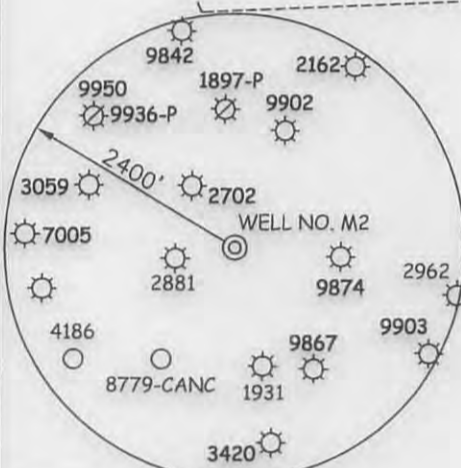
WELL NO. M2
STATE PLANE
COORDINATES

(N) 195,159
(E) 1,566,164

WELL NO. M2
UTM
COORDINATES
(NAD 83 METERS)

(N) 4,319,638
(E) 497,671

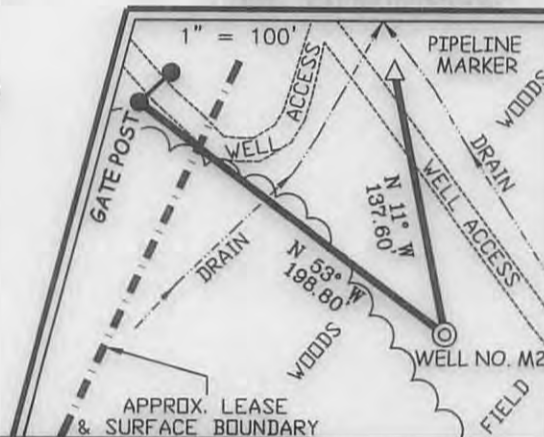
NORTH



NOTES ON SURVEY

1. TIES TO WELLS, REFERENCES, AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 157 PAGE 50.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE).

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 JUNE 12, 20 13
 OPERATORS WELL NO. HELDRETH # M2
 API WELL NO. 47 - 085 - 10053
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7386M2 (465-52)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

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

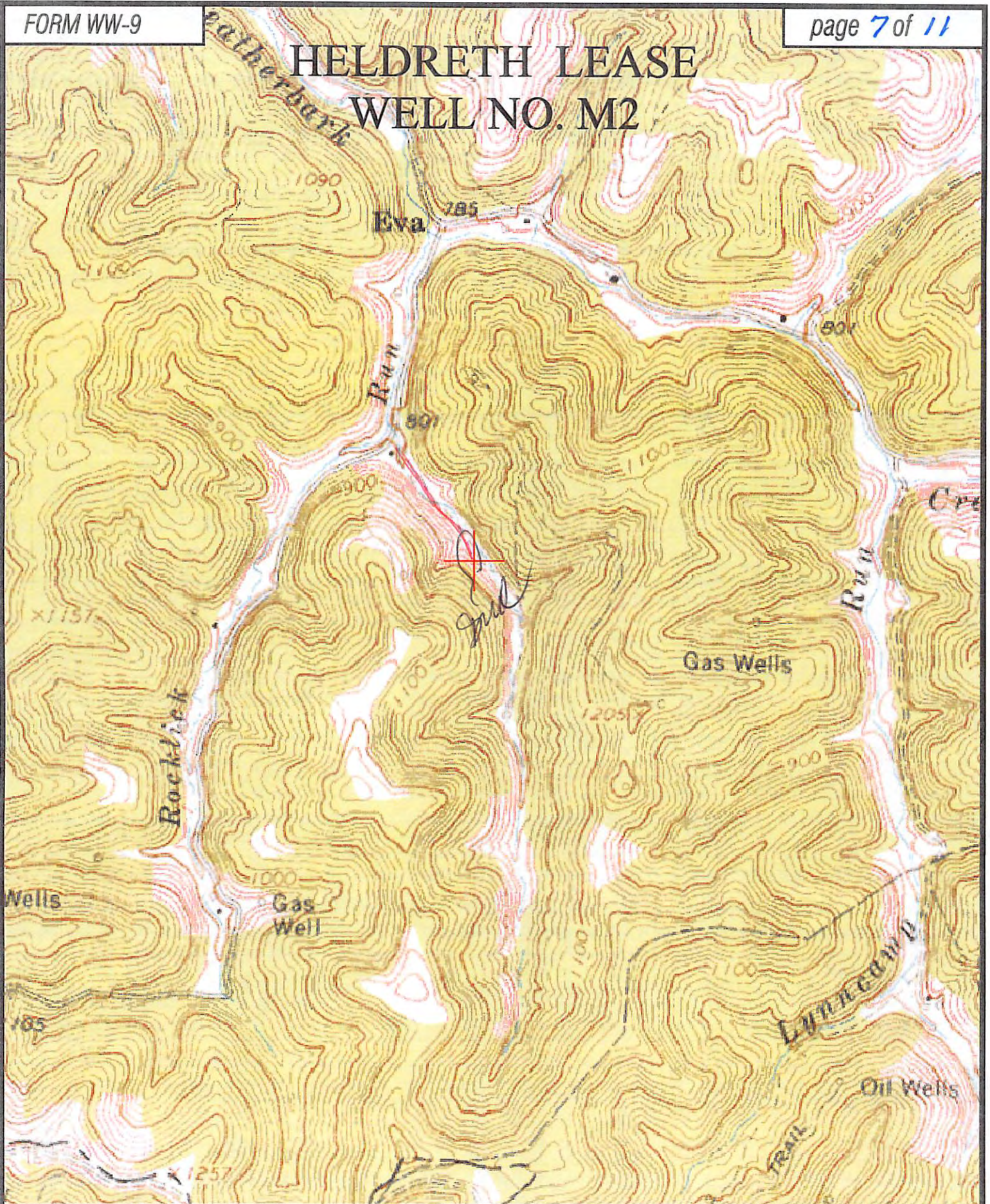
LOCATION: ELEVATION 836' WATERSHED ROCKLICK RUN
 DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE 7.5'
 SURFACE OWNER DALEN R. SCHLABACH ACREAGE 53±
 ROYALTY OWNER D. BEALL/ M. WELCH, ET AL LEASE ACREAGE 53±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION RINESTREET
 ESTIMATED DEPTH 6,000'

WELL OPERATOR MURVIN AND MEIER OIL COMPANY DESIGNATED AGENT P. NATHAN BOWLES, JR.
 ADDRESS P.O. BOX 396 OLNEY, IL 62450 ADDRESS P.O. BOX 1237 CHARLESTON, WV 25325

08/16/2013

COUNTY NAME
PERMIT

HELDRETH LEASE WELL NO. M2



Professional Energy Consultants
A DIVISION OF SMITHVILLE SURVEYING



SJ 03-0018
PROJECT MGMT



ENGINEERS
ENVIRONMENTAL

220 WEST TOWN ST.
P.O. BOX 112
SMITHVILLE, KY 40351
(502) 462-9034

16115 DR. S.W. 20TH ST. S.E.
SPASCO, WA 98146
(206) 877-9911

UNIVERSITY OF KY. QUALITY

TOPO SECTION OF: SMITHVILLE 7.5'

FILE NO. 7386

DATE: 6/13/13

SCALE: 1"=1,000'