

MARY WALTON LEASE

211.95 ACRES ±

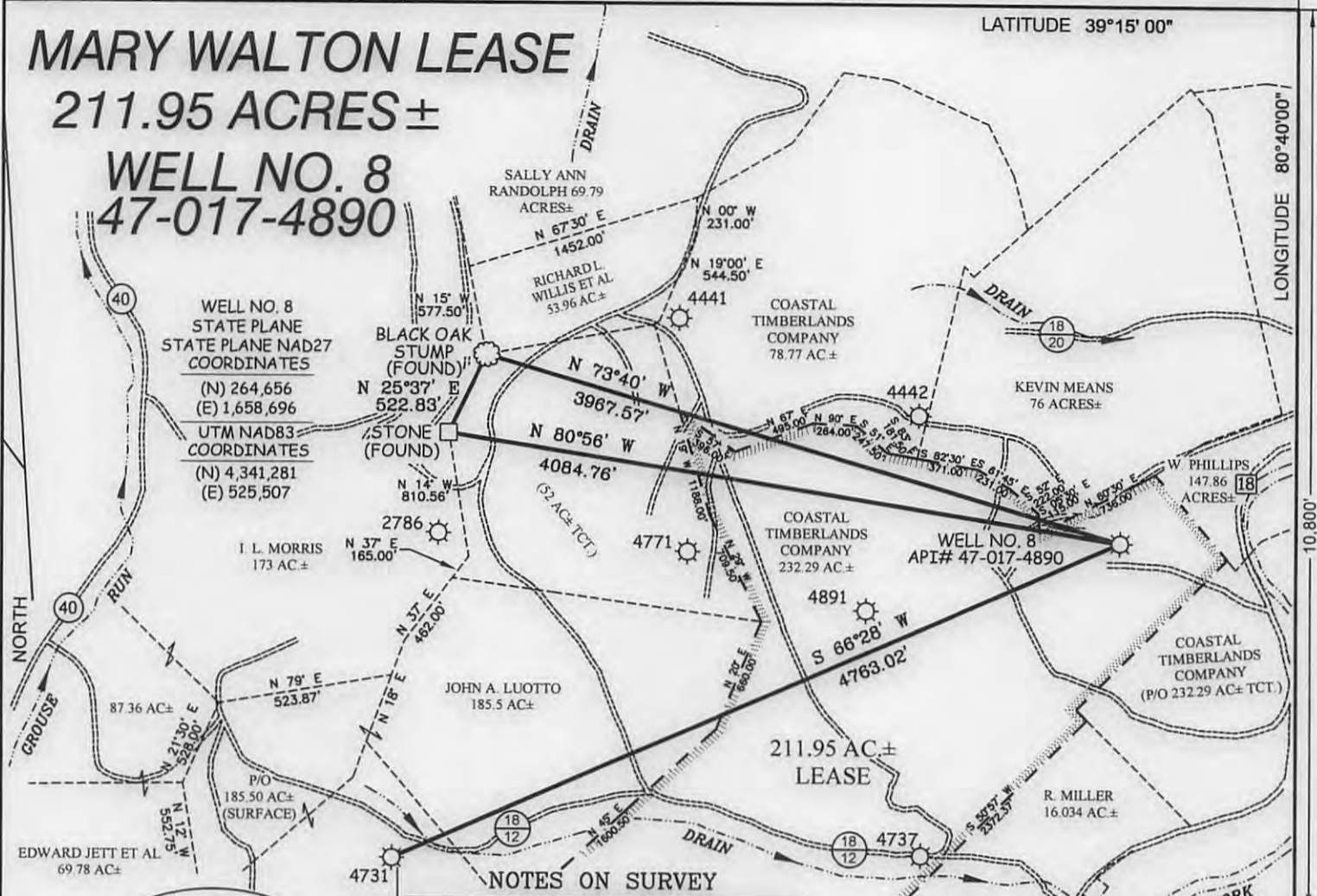
WELL NO. 8 47-017-4890

WELL NO. 8
STATE PLANE
NAD27
COORDINATES

(N) 264,656
(E) 1,658,696

UTM NAD83
COORDINATES

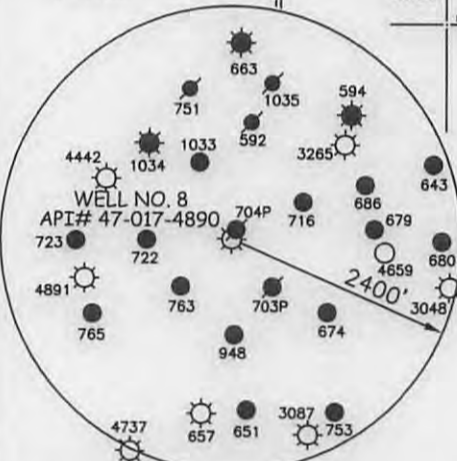
(N) 4,341,281
(E) 525,507



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10/15/13.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 482 AT PAGE 77.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN OCTOBER, 2013.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. THIS WELL WAS PREVIOUSLY PERMITTED 47-017-4890 IN SEPTEMBER, 2004, AND HAS BEEN UPDATED OCTOBER, 2013, TO REFLECT NEW WELL SPOT AND CURRENT OWNERSHIP.
7. NO WATER WELLS WERE FOUND WITHIN 250 FEET OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS (GREATER THAN 2500 FEET) OR DWELLINGS WERE FOUND WITHIN 625 FEET OF CENTER OF PROPOSED WELL PAD.

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 OCTOBER 21, 20 13
OPERATORS WELL NO. MARY WALTON NO. 8
API WELL NO. 47 - 017 - 04890R
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8104P8 (482-77)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

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

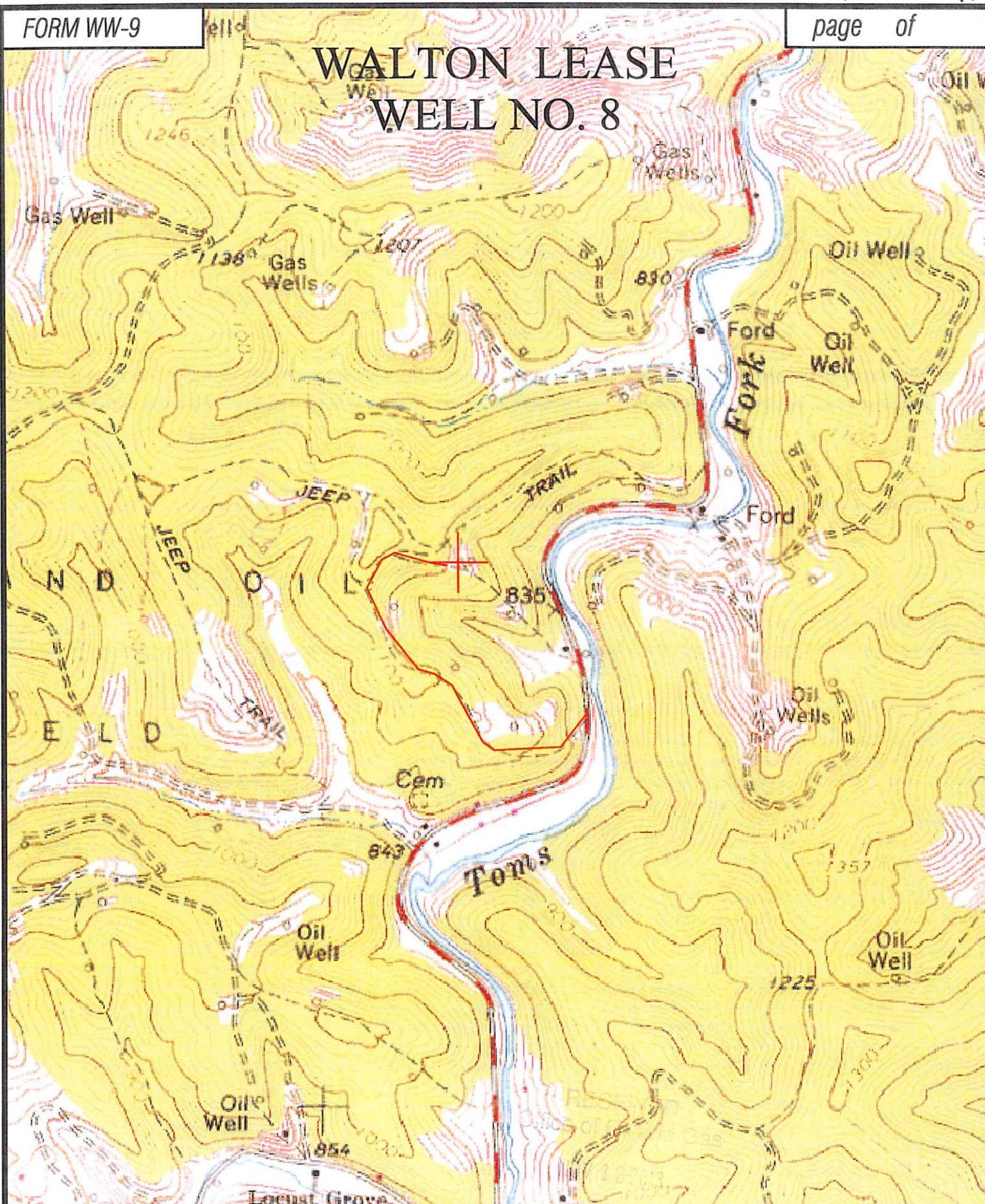
LOCATION: ELEVATION 1,084' WATERSHED TRIBUTARY OF TOMS FORK
DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE NEW MILTON 7.5'
SURFACE OWNER COASTAL TIMBERLANDS COMPANY ACREAGE 232.29±
ROYALTY OWNER MARY PHILLIPS HEIRS ET AL LEASE ACREAGE 211.95±
PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER 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 INJUN
ESTIMATED DEPTH 2,146' TO 2,175'

WELL OPERATOR J. F. DEEM OIL & GAS, LLC DESIGNATED AGENT FRANK DEEM
ADDRESS 4541 EMERSON AVENUE, #1 FLOOR 2 ADDRESS 5518 2ND AVENUE
PARKERSBURG, WV 26104 VIENNA, WV 26105

12/06/2013

COUNTY NAME
PERMIT

WALTON LEASE WELL NO. 8



Professional Energy Consultants
A DIVISION OF SOUTH LAND SURVEYING



Surveyors
Product Mgmt. **SLS** Engineers
Environmental

228 Third Floor St.
P.O. Box 102
Grandville, WI 54831
715.483.5234

North Dakota, Bureau No. 01292345, 04-23747
240-877-9318

Honesty Integrity Quality

TOPO SECTION OF: NEW MILTON 7.5'

FILE NO. 8104

DATE: 10/23/13

SCALE: 1"=1,000'