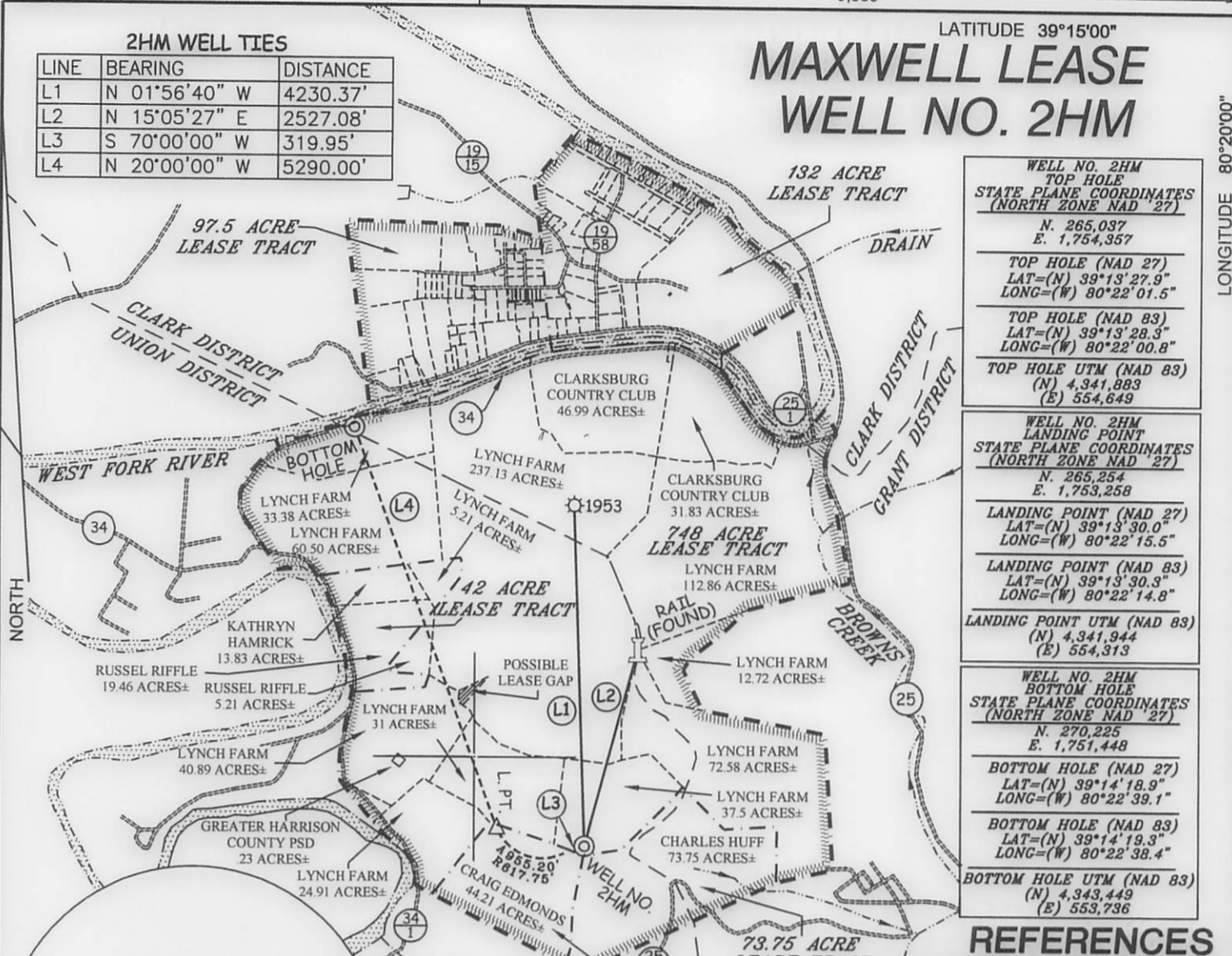


MAXWELL LEASE WELL NO. 2HM

LINE	BEARING	DISTANCE
L1	N 01°56'40" W	4230.37'
L2	N 15°05'27" E	2527.08'
L3	S 70°00'00" W	319.95'
L4	N 20°00'00" W	5290.00'



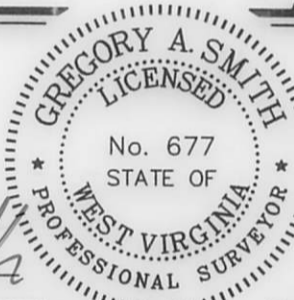
WELL NO. 2HM TOP HOLE
STATE PLANE COORDINATES (NORTH ZONE NAD 27)
N. 265,037 E. 1,754,357
TOP HOLE (NAD 27)
LAT=(N) 39°13'27.9" LONG=(W) 80°22'01.5"
TOP HOLE (NAD 83)
LAT=(N) 39°13'28.3" LONG=(W) 80°22'00.8"
TOP HOLE UTM (NAD 83)
(N) 4,341,883 (E) 554,649
WELL NO. 2HM LANDING POINT
STATE PLANE COORDINATES (NORTH ZONE NAD 27)
N. 265,254 E. 1,753,258
LANDING POINT (NAD 27)
LAT=(N) 39°13'30.0" LONG=(W) 80°22'15.5"
LANDING POINT (NAD 83)
LAT=(N) 39°13'30.3" LONG=(W) 80°22'14.8"
LANDING POINT UTM (NAD 83)
(N) 4,341,944 (E) 554,313
WELL NO. 2HM BOTTOM HOLE
STATE PLANE COORDINATES (NORTH ZONE NAD 27)
N. 270,225 E. 1,751,448
BOTTOM HOLE (NAD 27)
LAT=(N) 39°14'18.9" LONG=(W) 80°22'39.1"
BOTTOM HOLE (NAD 83)
LAT=(N) 39°14'19.3" LONG=(W) 80°22'38.4"
BOTTOM HOLE UTM (NAD 83)
(N) 4,343,449 (E) 553,736

REFERENCES



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 142 PAGE 484 AND ADJOINING DEEDS.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE).



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 APRIL 3, 20 13
 REVISED DATE APRIL 11, 20 13
 OPERATORS WELL NO. MAXWELL 2HM
 API NO. 47 - 33 - 05740 H6 A
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7995P2HMR3(448-13)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

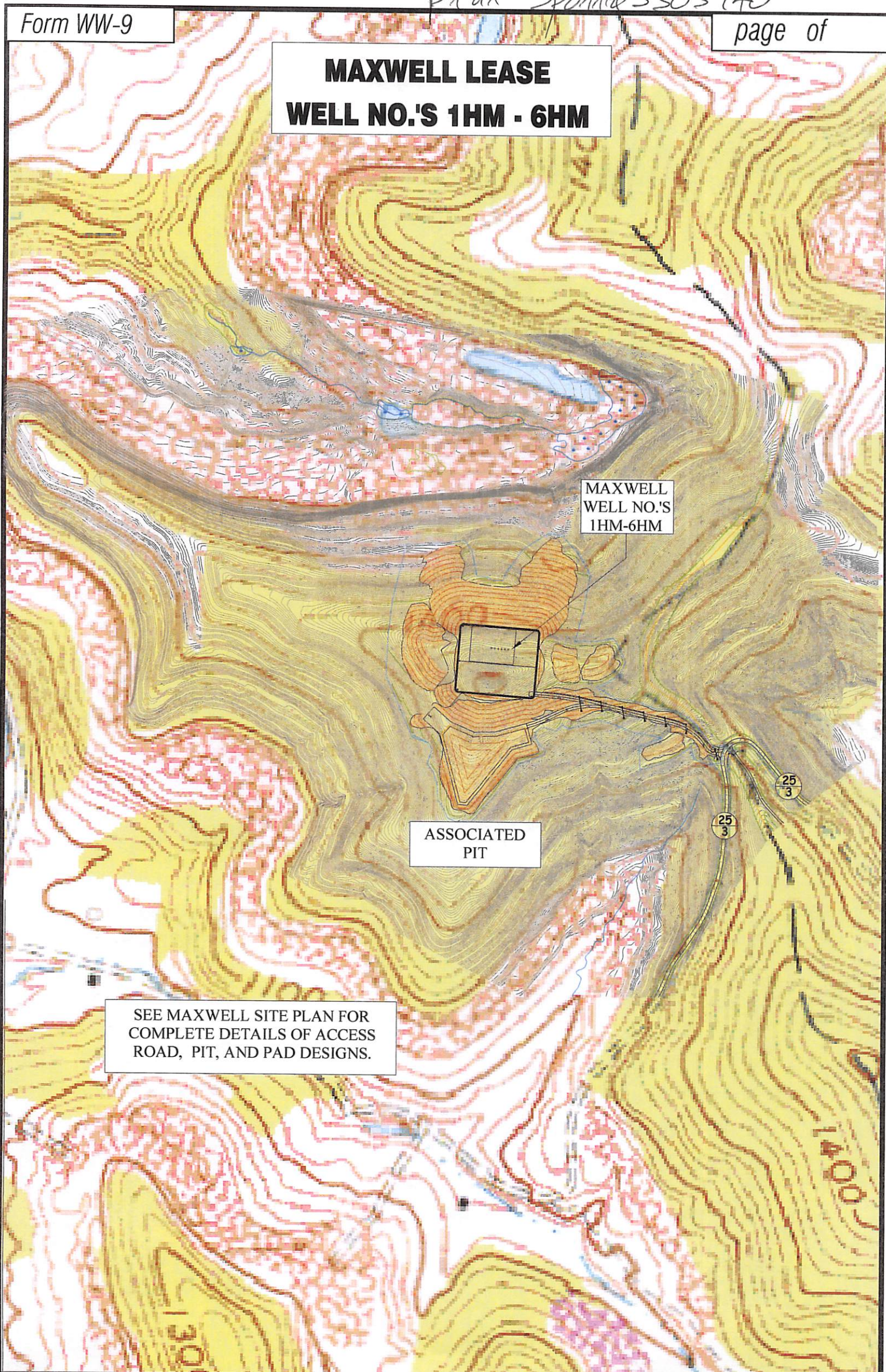
WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1,462' WATERSHED WEST FORK RIVER
 DISTRICT UNION COUNTY HARRISON QUADRANGLE MOUNT CLARE 7.5'
 SURFACE OWNER LYNCH FARM, LLC ACREAGE 37.5±
 ROYALTY OWNER WBM HEIRS PROPERTIES, LLC ACREAGE 748, 42, 44.21, 73.75, 97.5, & 132±
 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 MARCELLUS ESTIMATED DEPTH TVD 7,590' / TMD 13,590'

WELL OPERATOR PDC MOUNTAINEER, LLC DESIGNATED AGENT JAMIE HAGA
 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330

07/12/2013

plat spotted 3305740

MAXWELL LEASE WELL NO.'S 1HM - 6HM



MAXWELL
WELL NO.'S
1HM-6HM

ASSOCIATED
PIT

SEE MAXWELL SITE PLAN FOR
COMPLETE DETAILS OF ACCESS
ROAD, PIT, AND PAD DESIGNS.



Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING

SURVEYORS
PROJECT MGMT.



ENGINEERS
ENVIRONMENTAL

226 West Main St
P.O. Box 150
Greenville, WV 26351
(304) 462-8634

56055 Dilles Bottom Road
Shadyside, OH 43947
(740) 671-9911

HONESTY. INTEGRITY. QUALITY

TOPO SECTION OF USGS
MOUNT CLARE 7.5' QUADRANGLE

SCALE: 1"=500'



DRAWN BY C.P.M.	FILE NO. 7995	DATE 03-28-13	CADD FILE: 7995REC.DWG
--------------------	------------------	------------------	---------------------------