

4HM WELL TIES

LINE	BEARING	DISTANCE
L1	N 72°56'58" W	2990.92'
L2	N 43°12'23" W	2905.57'
L3	N 23°37'43" W	593.17'
L4	N 20°00'00" W	7550.00'

# MAXWELL LEASE WELL NO. 4HM

WV L03140.001-004  
132 ACRE  
LEASE TRACT

WELL NO. 4HM  
TOP HOLE  
STATE PLANE COORDINATES  
(NORTH ZONE NAD 27)  
N. 265,035  
E. 1,754,387

TOP HOLE (NAD 27)  
LAT=(N) 39°13'27.9"  
LONG=(W) 80°22'01.1"

TOP HOLE (NAD 83)  
LAT=(N) 39°13'28.2"  
LONG=(W) 80°22'00.4"

TOP HOLE UTM (NAD 83)  
(N) 4,341,883  
(E) 554,658

WELL NO. 4HM  
LANDING POINT  
STATE PLANE COORDINATES  
(NORTH ZONE NAD 27)  
N. 265,578  
E. 1,754,149

LANDING POINT (NAD 27)  
LAT=(N) 39°13'33.3"  
LONG=(W) 80°22'04.2"

LANDING POINT (NAD 83)  
LAT=(N) 39°13'33.6"  
LONG=(W) 80°22'03.5"

LANDING POINT UTM (NAD 83)  
(N) 4,342,046  
(E) 554,658

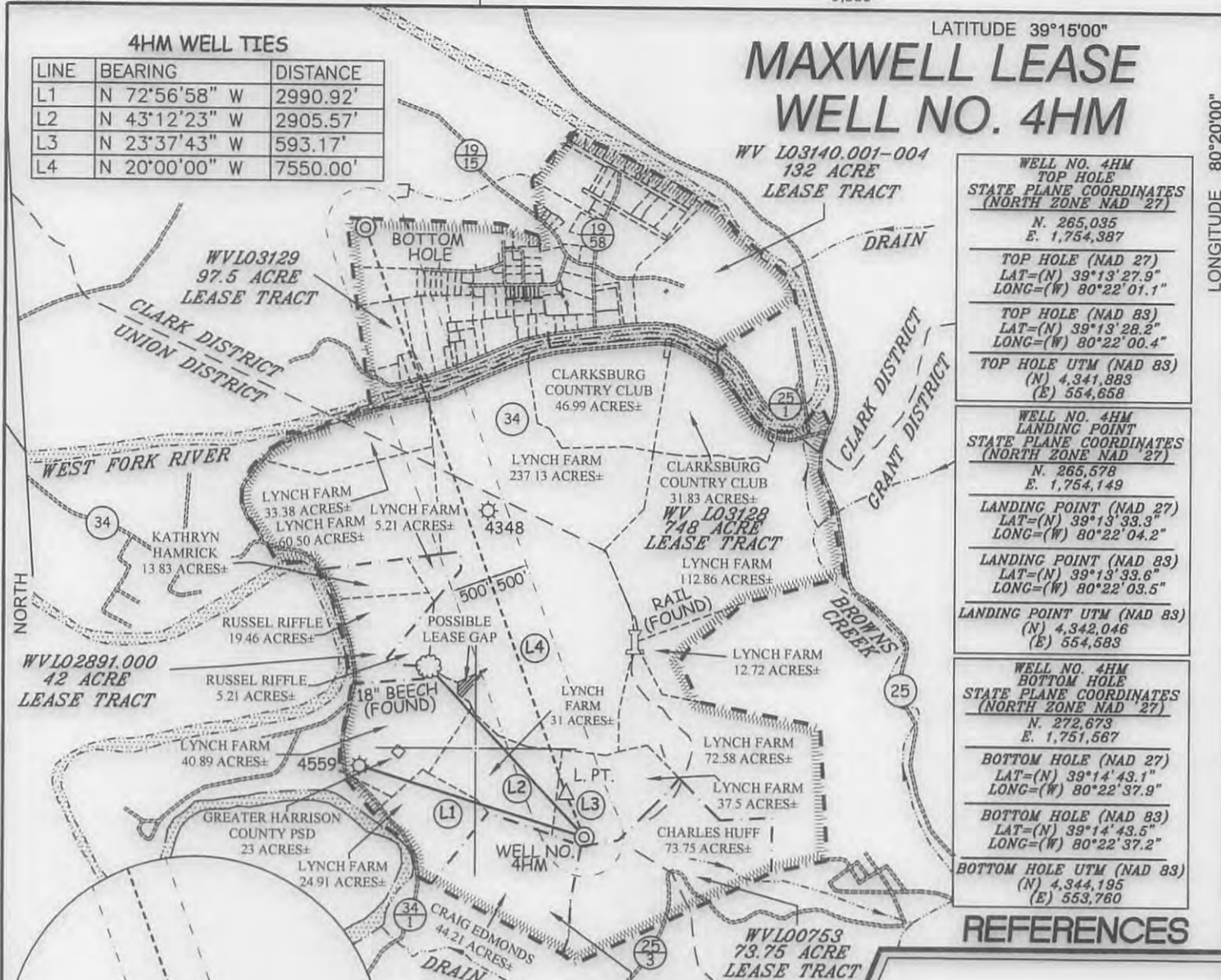
WELL NO. 4HM  
BOTTOM HOLE  
STATE PLANE COORDINATES  
(NORTH ZONE NAD 27)  
N. 272,673  
E. 1,751,567

BOTTOM HOLE (NAD 27)  
LAT=(N) 39°14'43.1"  
LONG=(W) 80°22'37.9"

BOTTOM HOLE (NAD 83)  
LAT=(N) 39°14'43.5"  
LONG=(W) 80°22'37.2"

BOTTOM HOLE UTM (NAD 83)  
(N) 4,344,195  
(E) 553,760

## 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 SEPTEMBER 3, 20 13  
OPERATORS WELL NO. MAXWELL 4HM  
API WELL NO. 47 - 33 - MOD 05742.H6A  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7995P4HMR3(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 WASTE IF "GAS" PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

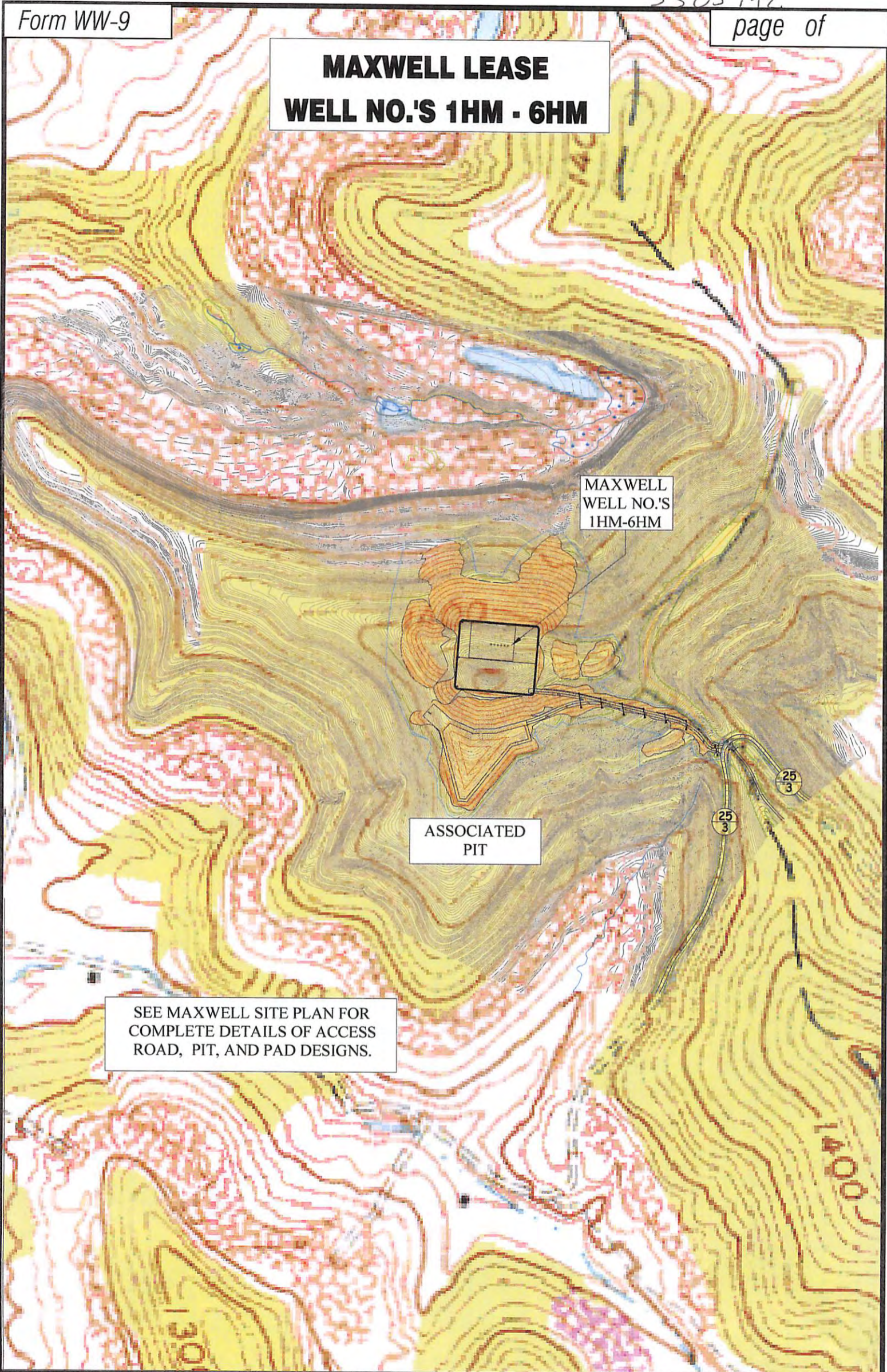
LOCATION: ELEVATION 1,462' WATERSHED WEST FORK RIVER  
DISTRICT UNION COUNTY HARRISON QUADRANGLE MOUNT CLARE 7.5'  
SURFACE OWNER LYNCH FARM, LLC ACREAGE 37.5±  
ROYALTY OWNER WBM HEIRS PROPERTIES LLC, ETAL ACREAGE 748, 42, 44.21, 73.75, 97.5, & 132±  
PROPOSED WORK: LEASE NO. \_\_\_\_\_  
DRILL  CONVERT \_\_\_ 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 MARCELLUS  
ESTIMATED DEPTH 7,590' TVD / TMD 15,538'

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

11/08/2013



# 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. **SLS** ENGINEERS ENVIRONMENTAL

228 West Main St.  
P.O. Box 150  
Glenville, WV 26031  
(304) 462-8634  
HONESTY, INTEGRITY, QUALITY

56065 Dixes Bottom Road  
Shadeside, OH 43087  
(740) 671-9911

TOPO SECTION OF USGS  
MOUNT CLARE 7.5' QUADRANGLE

**SCALE: 1"=500'**

0' 500' 1000'

11/08/2013

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