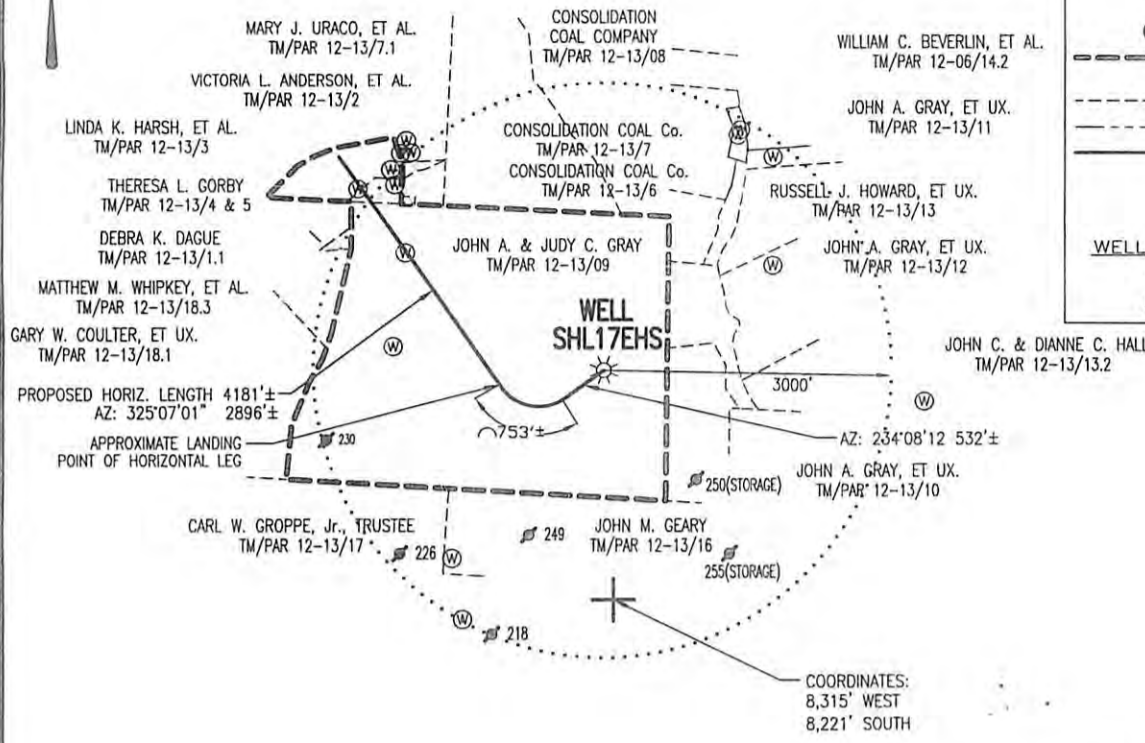


Latitude: 40°00'00"

Longitude: 80°30'00"



LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
	- WATER SOURCE
	- MINERAL TRACT BOUNDARY
	- PARCEL LINES
	- WELL REFERENCE
	- PROPOSED HORIZONTAL WELL
	- ROAD
	- STREAM CENTER LINE
WELLS WITHIN 3000'	
	- EXISTING WELLS
	- PLUGGED WELLS



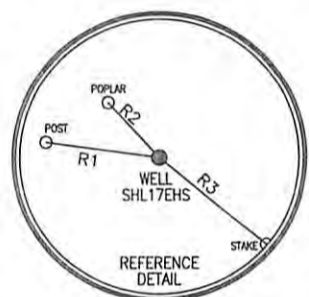
SURFACE HOLE LOCATION (SHL)	
UTM 17	N:4425367.29 E:540179.13
NAD27_WW NORTH	N:539777.400 E:1711443.508
LAT/LON DATUM-WGS84	LAT:39°58'39.04" LON:80°31'46.03"

APPROX. LANDING POINT	
UTM 17-NAD83	N:4425316.603 E:539850.855
NAD27_WW NORTH	N:539629.111 E:1710363.519
LAT/LON DATUM-WGS84	LAT:39°58'37.46" LON:80°31'59.88"

BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83	N:4426031.896 E:539334.163
NAD27_WW NORTH	N:542004.763 E:1708707.286
LAT/LON DATUM-WGS84	LAT:39°59'00.74" LON:80°32'21.50"

GAS LESSORS		
TAX MAP/PARCEL	OIL & GAS ROYALTY OWNERS	
12-13 09	JOHN A. GRAY, ET UX.	
12-13 04	THERESA LYNN GORBY, ET AL.	
12-13 05	THERESA LYNN GORBY, ET AL.	
12-13 03	LINDA K. HARSH, ET AL.	

- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.



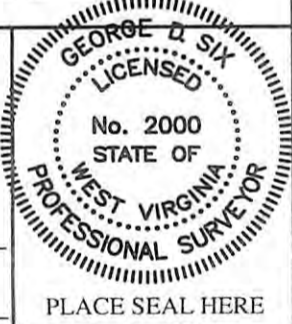
LINE	BEARING	DISTANCE
R1	N 82°13'54" W	245.92'
R2	S 42°57'42" E	161.64'
R3	S 50°26'22" E	297.37'

Blue Mountain Engineering
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

FILE #: SHL17EHS
DRAWING #: SHL17EHS
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: _____
R.P.E.: _____ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: OCTOBER 2, 2012
OPERATOR'S WELL #: SHL17EHS SERIAL No.: WV0510637HS
API WELL #: 47 51 01603-1661
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: WHORTON HILL RUN ELEVATION: 1297.39'
COUNTY/DISTRICT: MARSHALL / SAND HILL QUADRANGLE: MAJORSVILLE, WV-PA 7.5'
SURFACE OWNER: JOHN A. GRAY, ET UX. ACREAGE: 241.56±
OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 256.774±

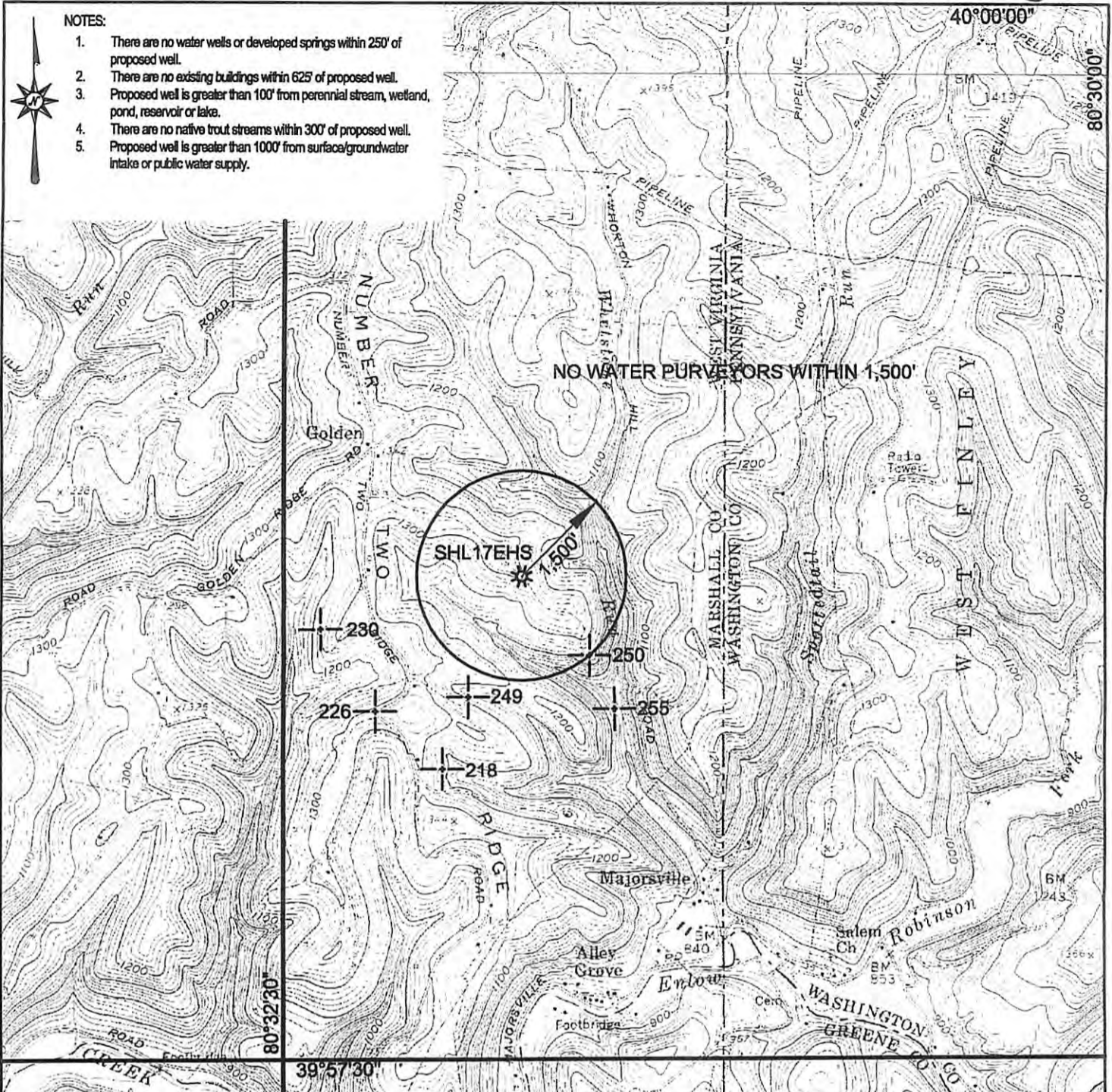
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,650± TMD: 11,560
WELL OPERATOR NOBLE ENERGY INC. DESIGNATED AGENT STEVEN M. GREEN
Address 333 TECHNOLOGY DRIVE, SUITE 110 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

02/01/2013

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 BURTON, WV 26562
 PHONE: (304) 662-6486

PREPARED FOR:
 NOBLE ENERGY INC.
 333 TECHNOLOGY DRIVE
 SUITE 110
 CANONSBURG, PA 15317

**SHL17EHS
 LOCATION MAP
 MARSHALL COUNTY
 SAND HILL DISTRICT
 WEST VIRGINIA**

TOPO QUAD: MAJORSVILLE, WV-PA
 SCALE: 1" = 2000'
 DATE: OCTOBER 2, 2012