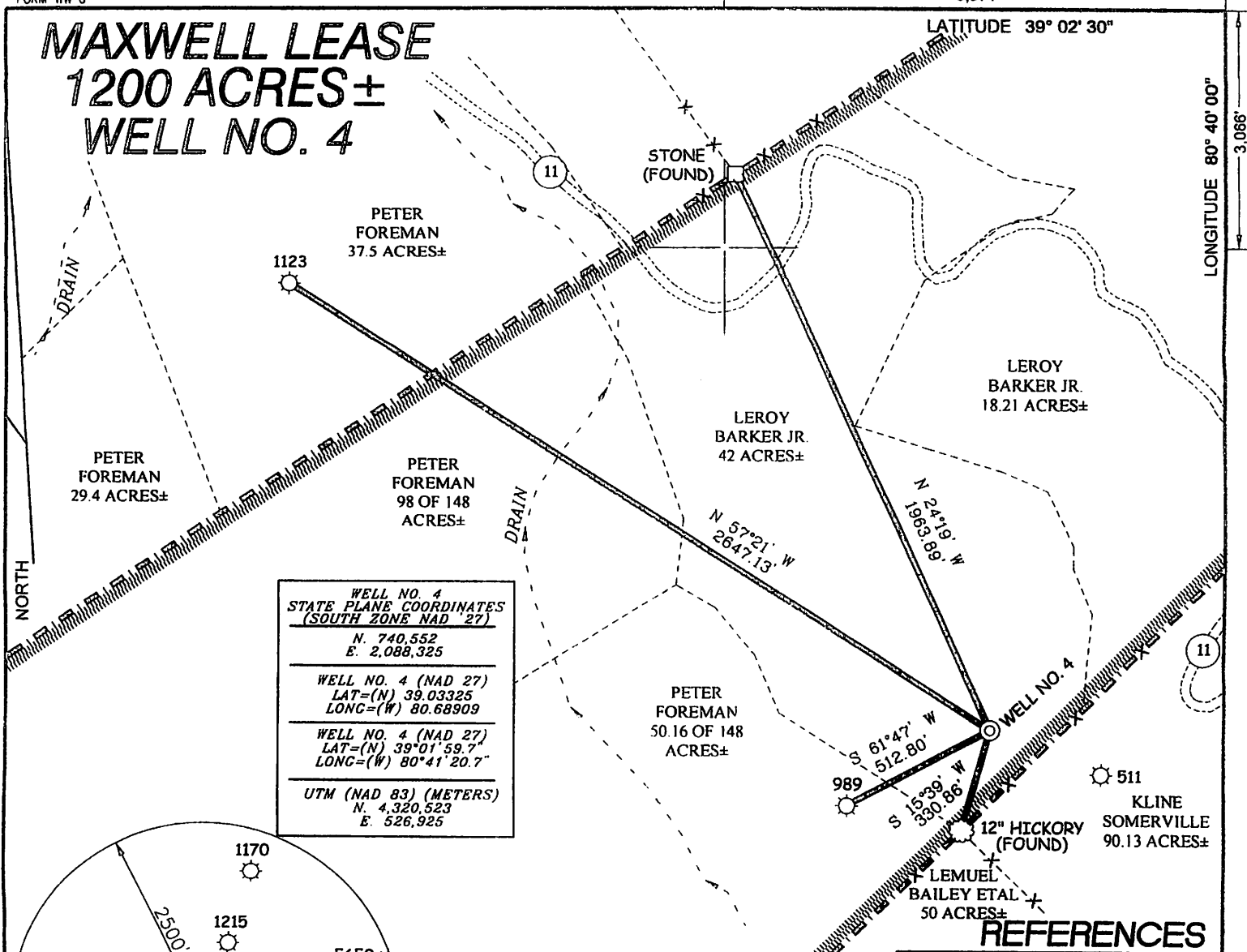
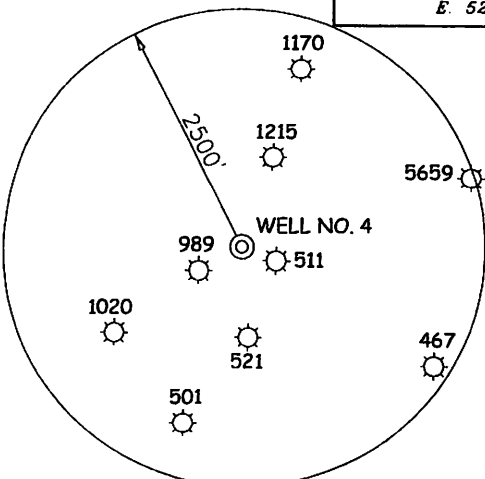


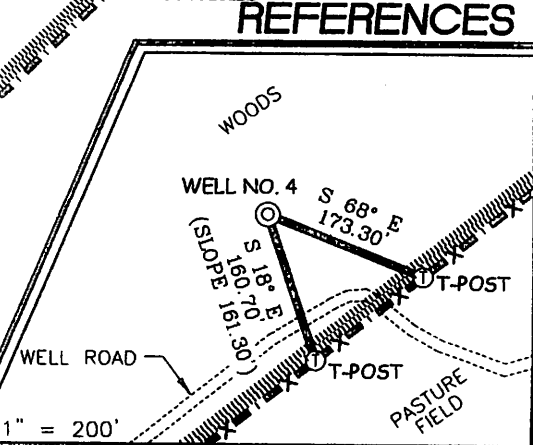
MAXWELL LEASE 1200 ACRES± WELL NO. 4



WELL NO. 4 STATE PLANE COORDINATES (SOUTH ZONE NAD '27)
N. 740,552 E. 2,088,325
WELL NO. 4 (NAD 27)
LAT=(N) 39.03325 LONG=(W) 80.68909
WELL NO. 4 (NAD 27)
LAT=(N) 39°01'59.7" LONG=(W) 80°41'20.7"
UTM (NAD 83) (METERS)
N. 4,320,523 E. 526,925

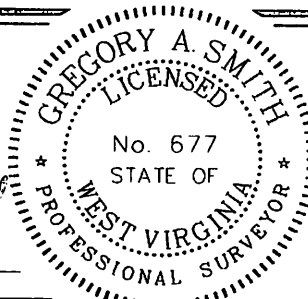


- ### NOTES ON SURVEY
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27
 2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 01-03-12.
 3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 41 PAGE 45.
 4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LEWIS COUNTY IN JULY, 2012.
 5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING 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 JANUARY 11, 20 12
 OPERATORS WELL NO. MAXWELL #4
 API WELL NO. 47 - 041 - 05674
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7778P4(448-09)
 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 X INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

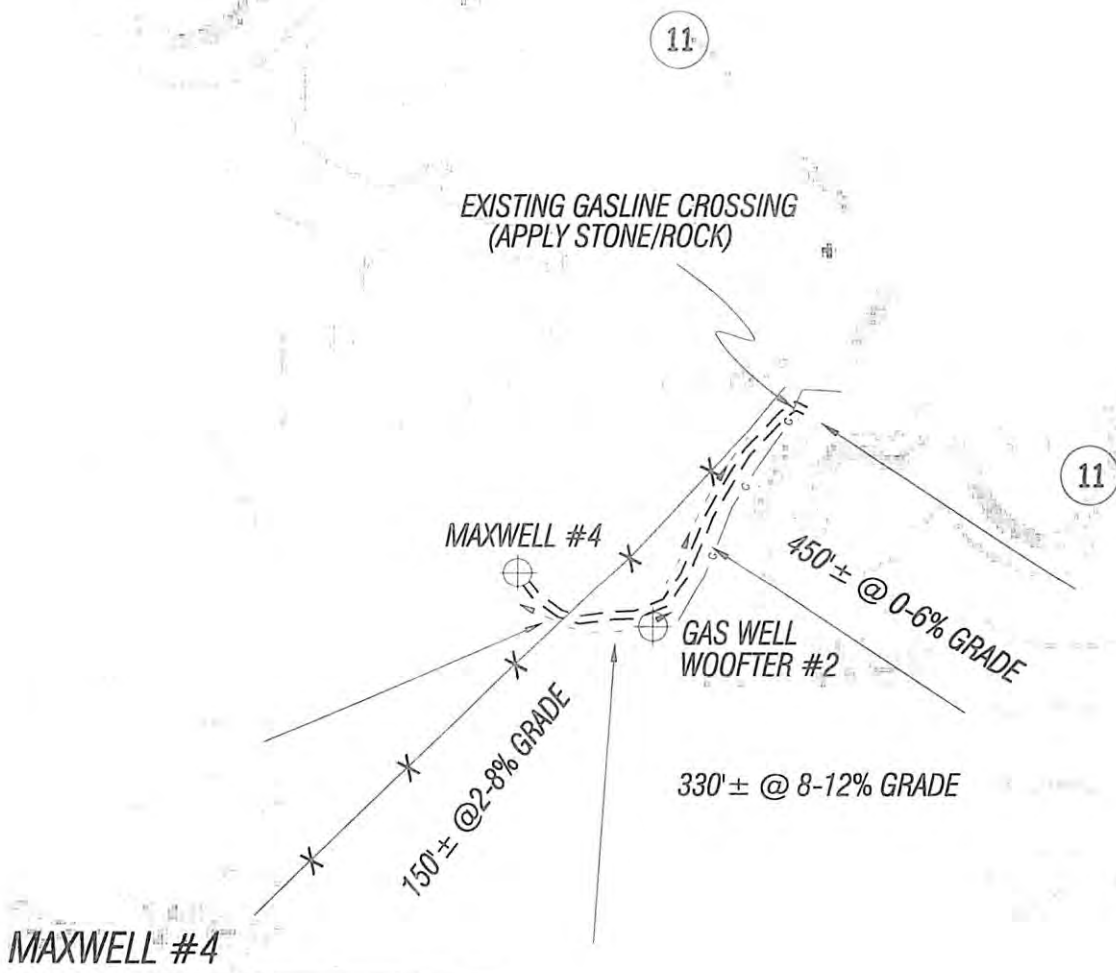
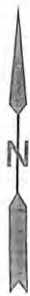
LOCATION: ELEVATION 1,188' WATERSHED TRIBUTARY TO FINK CREEK
 DISTRICT FREEMANS CREEK COUNTY LEWIS QUADRANGLE VADIS 7.5'

SURFACE OWNER LEROY BARKER JR. ACREAGE 42±
 ROYALTY OWNER W B MAXWELL HEIRS LEASE ACREAGE 1200±

PROPOSED WORK: LEASE NO. _____
 DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BALLTOWN ESTIMATED DEPTH 3,890'

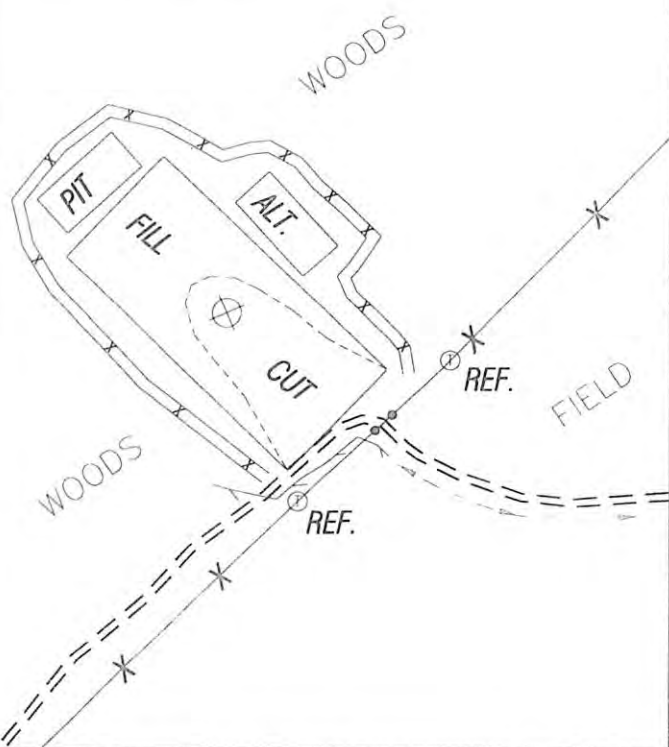
WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS
 ADDRESS 501 56TH STREET S.E. CHARLESTON, WV 25304 ADDRESS 501 56TH STREET S.E. CHARLESTON, WV 25304

MAXWELL LEASE WELL NO. 4

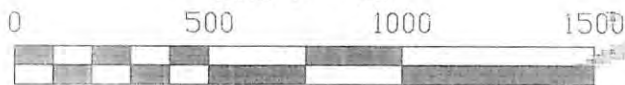


MAXWELL #4

NOT TO SCALE



SCALE 1" = 500'



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

ADDITIONAL CULVERTS AND/OR OTHER DRAINAGE STRUCTURES & SEDIMENT CONTROL DEVICES MAY BE REQUIRED BY THE WV D.E.P. OIL & GAS INSPECTOR. OPERATOR IS RESPONSIBLE FOR COORDINATION WITH CONTRACTOR AND SLS REGARDING ANY CHANGES OR ADDITIONS THE STATE MAY REQUIRE.

= EXISTING CULVERT
 = PROPOSED CULVERT
 12" MIN UNLESS OTHERWISE NOTED



SMITH LAND SURVEYING, INC.
 P.O. BOX 150 GLENVILLE, WV. 26351

PH: (304) 462-5634 FAX: (304) 462-5656 E-MAIL: sls@slssurveys.com

DRAWN BY C.P.M.	FILE NO. 7778	DATE 01-07-12	CADD FILE: 7778REC4.DWG
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TOPO SECTION OF USGS
 VADIS 7.5' QUADRANGLE

03/08/2013

41-05674 V