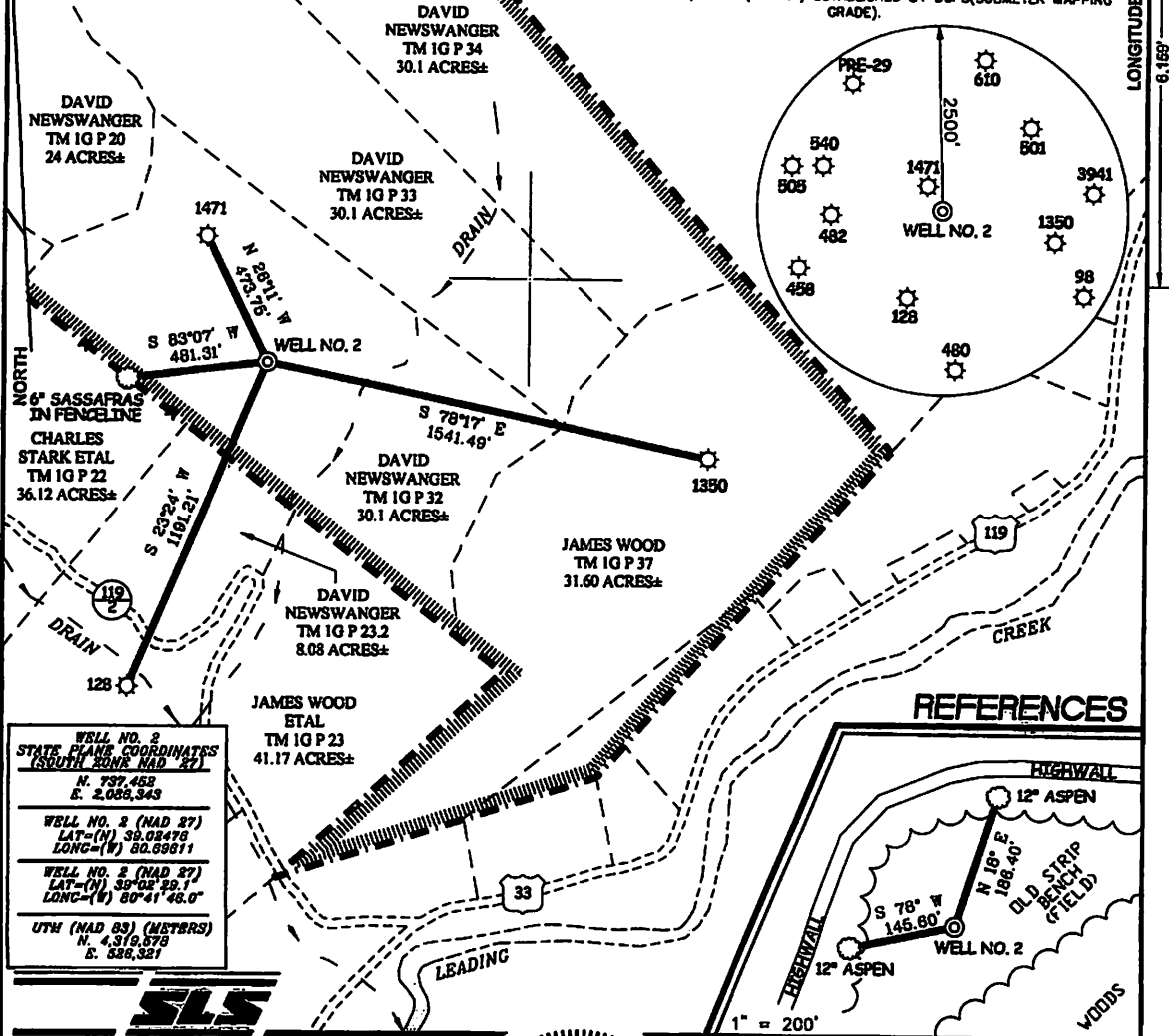


# MAXWELL LEASE 1200 ACRES± WELL NO. 2

## 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 02-20-13.
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).



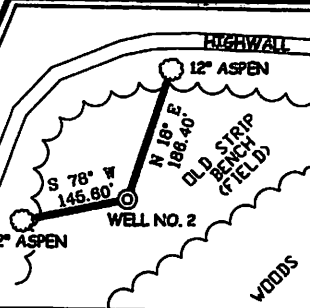
**WELL NO. 2**  
STATE PLANE COORDINATES  
(SOUTH ZONE NAD '27)  
N. 737,452  
E. 2,088,343

**WELL NO. 2 (NAD 87)**  
LAT-(N) 39.08478  
LONG-(W) 80.68611

**WELL NO. 2 (NAD 27)**  
LAT-(N) 39°02'29.1"  
LONG-(W) 80°41'46.0"

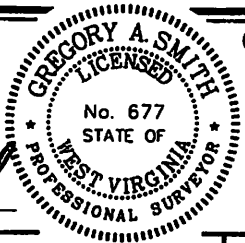
**UTM (NAD 83) (METERS)**  
N. 4,319,879  
E. 586,321

## 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 MARCH 1, 20 13  
OPERATORS WELL NO. MAXWELL 02  
API WELL NO. 47 - 041 - 05679  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7778P2R3(448-85)  
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  LIQUID WASTE IF  
INJECTION DISPOSAL "GAS" PRODUCTION  STORAGE DEEP SHALLOW

LOCATION:  
ELEVATION 978' WATERSHED LEADING CREEK  
DISTRICT FREEMANS CREEK COUNTY LEWIS QUADRANGLE VADIS 7.5'

SURFACE OWNER DAVID NEWSWANGER ACREAGE 30.1±  
ROYALTY OWNER W B MAXWELL HEIRS LEASE ACREAGE 1200±

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 BALLTOWN  
ESTIMATED DEPTH 3,880'

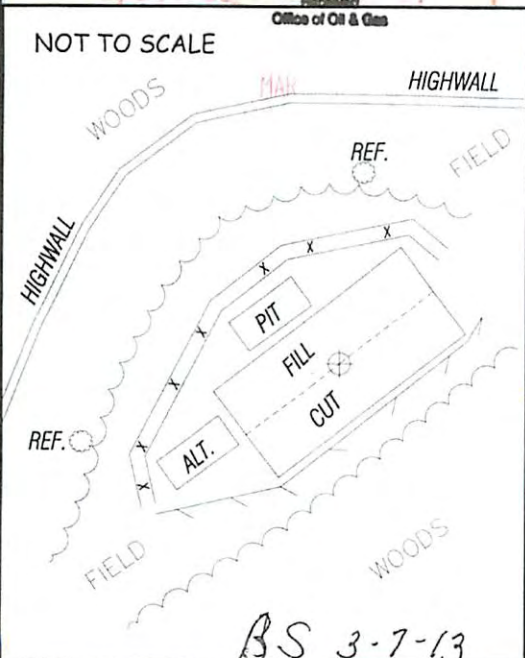
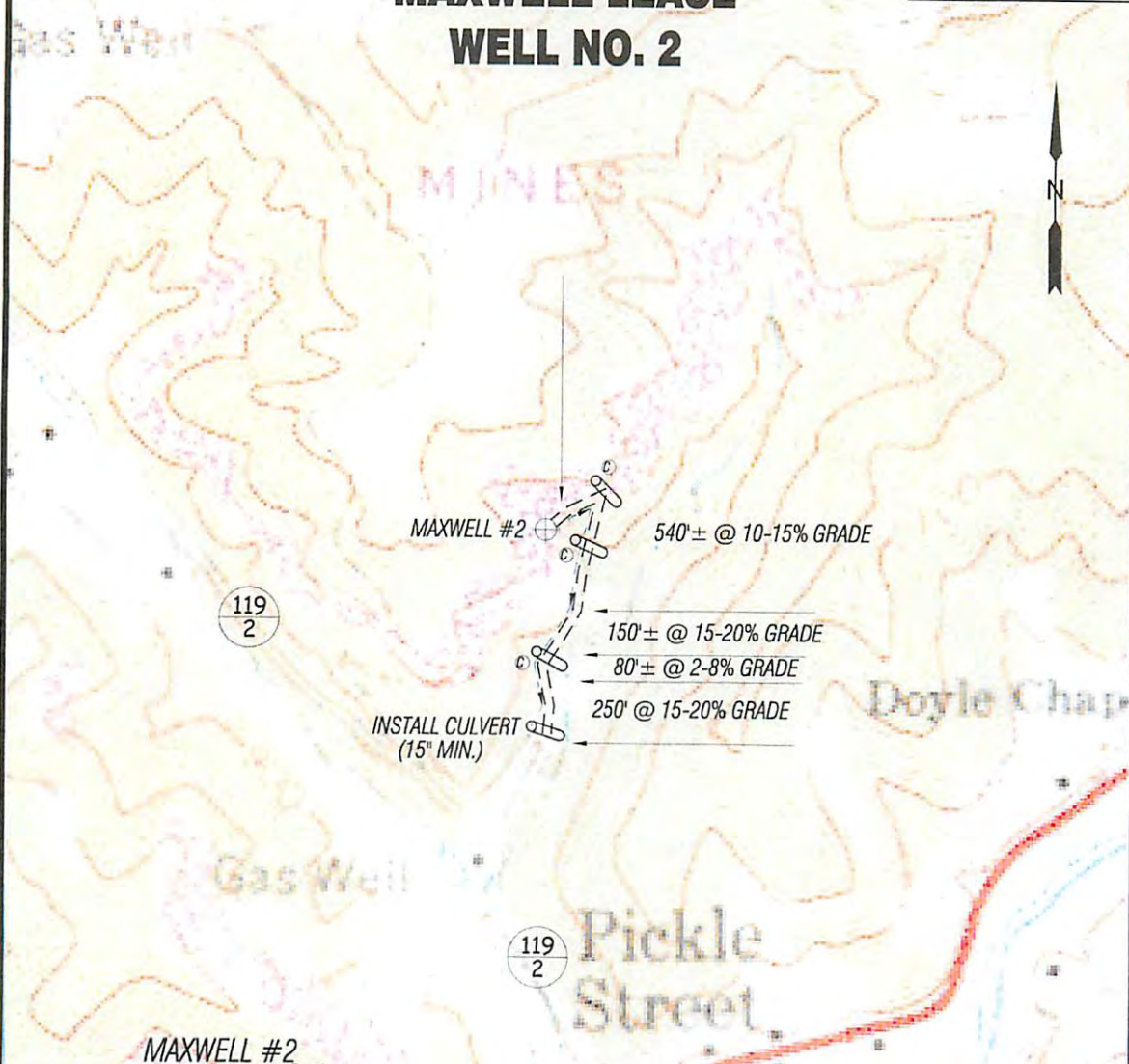
WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS  
ADDRESS 501 56TH STREET S.E. ADDRESS 501 56TH STREET S.E.  
CHARLESTON, WV 25304 CHARLESTON, WV 25304

LONGITUDE 80° 40' 00"

COUNTY NAME

PERMIT

# MAXWELL LEASE WELL NO. 2



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

SEEDING BARRIERS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERTS AND CROSS DRAIN PILES AND CULVERTS AS REQUIRED IN THE WV D.E.P. OIL AND GAS (BAP) MANUAL. FIELD CONDITIONS FROM CULVERTS AND BARRIERS 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 & MATCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MATERIALS.

STAKED BENCH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE P.E.C. PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLICABLE).

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 SIS REGARDING ANY CHANGES OR ADDITIONS THE STATE MAY REQUIRE.

**SMITH LAND SURVEYING, INC.**  
 P.O. BOX 150 GLENVILLE, WV 26351  
 PH: (304) 462-5634 FAX: (304) 462-5656 E-MAIL: [sls@sls-surveys.com](mailto:sls@sls-surveys.com)

DRAWN BY C.P.M.	FILE NO 7778	DATE 03-01-13	CADD FILE: 7778R1C2R3.DWG
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TOPO SECTION OF USGS  
VADIS 7.5' QUADRANGLE



04/05/2013