

LEWIS MAXWELL LEASE

2654 ACRES ±

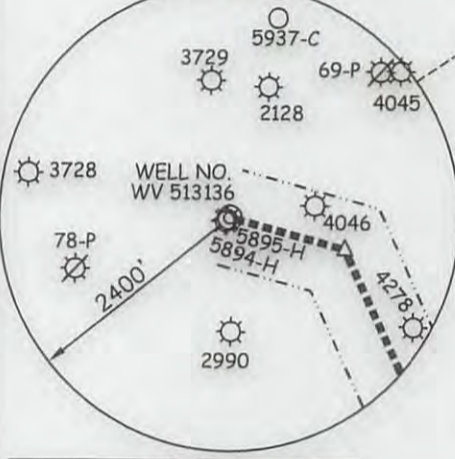
WELL NO. WV 513136



WELL NO. WV 513136
 STATE PLANE COORDINATES
 (NORTH ZONE)
 N. 265,377.9
 E. 1,631,462.0
 LAT=(N) 39.221293
 LONG=(W) 80.800843
 UTM (NAD'83)(METERS)
 N. 4,341,362.5
 E. 517,206.4

LANDING POINT
 WELL NO. WV 513136
 STATE PLANE COORDINATES
 (NORTH ZONE)
 N. 265,057.0
 E. 1,632,666.8
 LAT=(N) 39.220460
 LONG=(W) 80.796575
 UTM (NAD'83)(METERS)
 N. 4,341,270.8
 E. 517,575.0

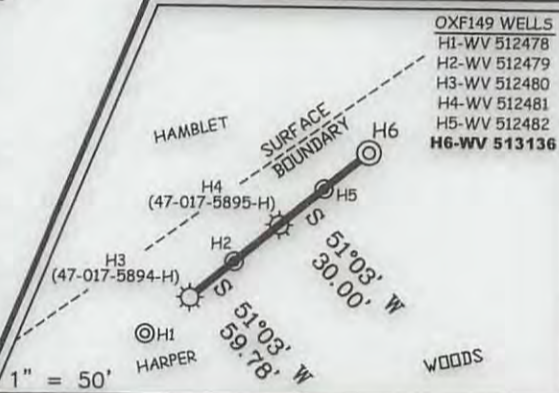
BOTTOM HOLE
 WELL NO. WV 513136
 STATE PLANE COORDINATES
 (NORTH ZONE)
 N. 262,539.1
 E. 1,633,840.9
 LAT=(N) 39.213594
 LONG=(W) 80.792303
 UTM (NAD'83)(METERS)
 N. 4,340,509.8
 E. 517,945.5



NOTES ON SURVEY

1. TIES TO WELLS 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 28 PAGE 177.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2013.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE TIE TO CORS NETWORK).
5. PLAT DATED 03/08/09 REVISED 03/11/10 TO EXTEND HORIZONTAL LEG AND CHANGE BOTTOM HOLE COORDINATES, REVISED 06/07/13 TO CHANGE TOP HOLE COORDINATES, REVISED 08/12/13 TO ADD 500' OFFSET ETC.

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 AUGUST 29, 20 13
 OPERATORS WELL NO. WV 513136
 API WELL NO. 47-017-05951 RW
 STATE 017 COUNTY 05951 PERMIT RW

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 6980P513136R4 (280-67)
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1,000'

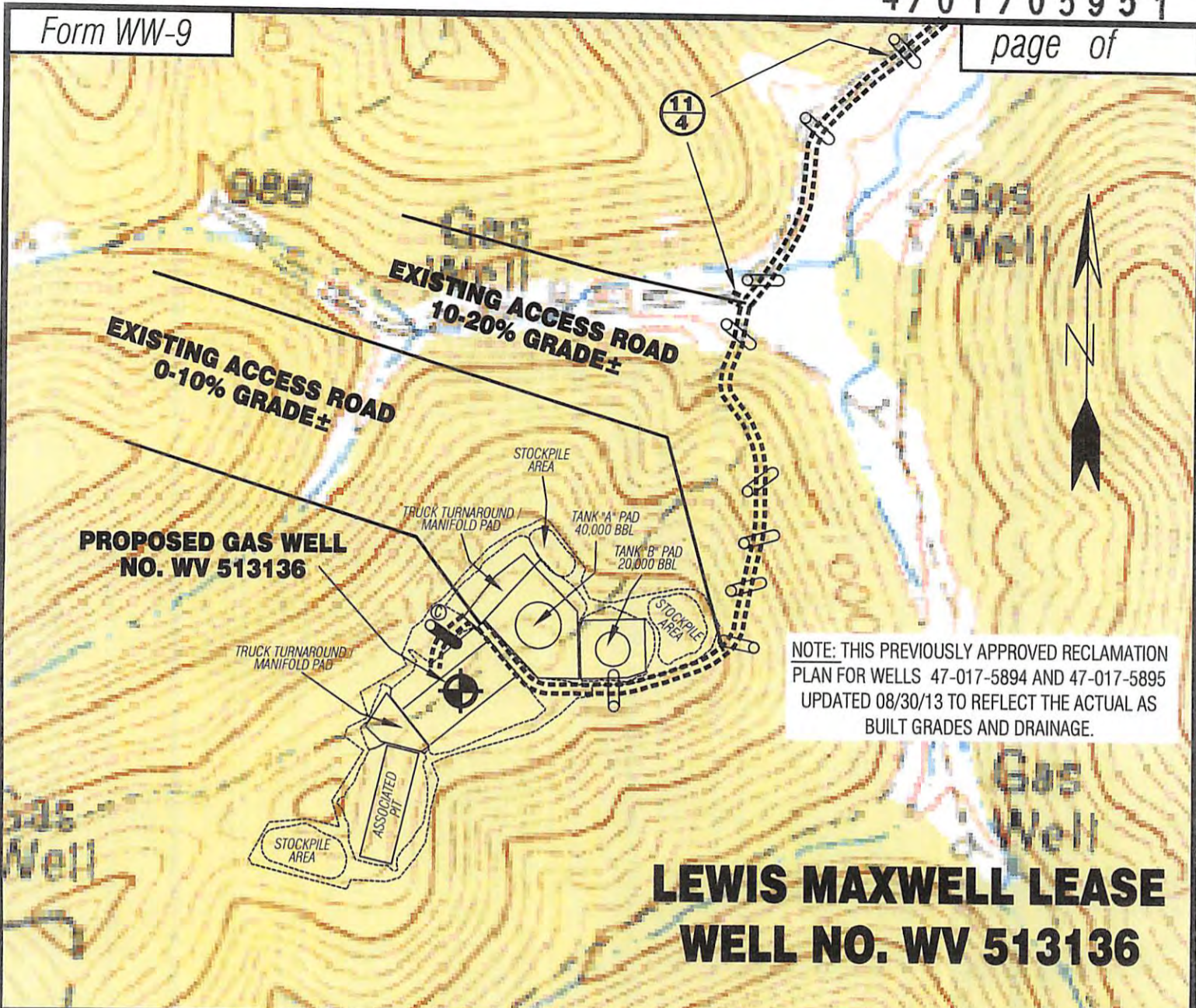
STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,240'(GROUND) 1,242.5'(PROPOSED) WATERSHED LEFT FORK
 DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
 SURFACE OWNER LUCY E. HARPER ACREAGE 442.6±
 ROYALTY OWNER LEWIS MAXWELL HEIRS LEASE ACREAGE 2,654±
 PROPOSED WORK: LEASE NO. 080616
 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 _____

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

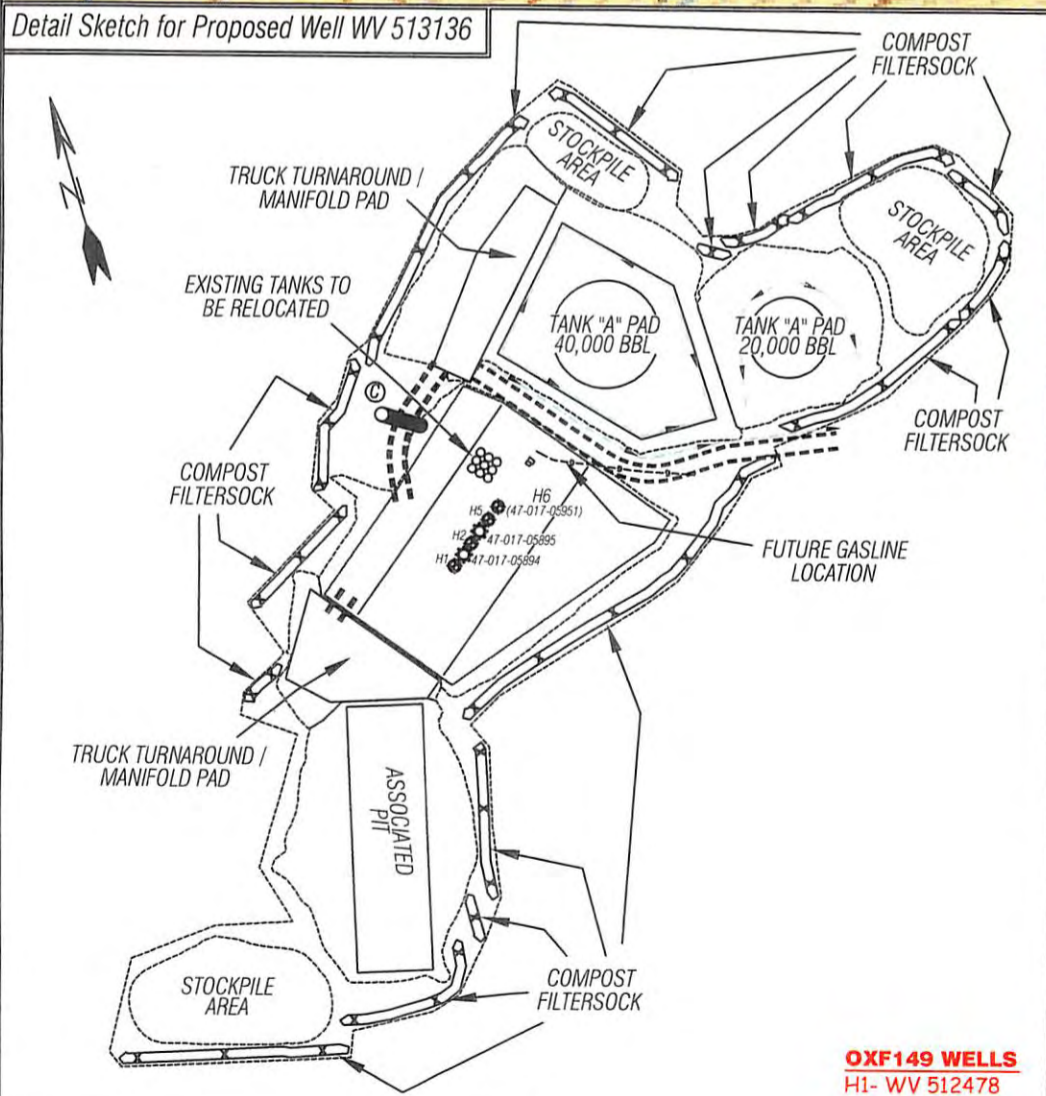
01/24/2014



NOTE: THIS PREVIOUSLY APPROVED RECLAMATION PLAN FOR WELLS 47-017-5894 AND 47-017-5895 UPDATED 08/30/13 TO REFLECT THE ACTUAL AS BUILT GRADES AND DRAINAGE.

LEWIS MAXWELL LEASE WELL NO. WV 513136

Detail Sketch for Proposed Well WV 513136



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 PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

EXISTING CULVERT TO BE UPGRADED TO A 24" PIPE UNLESS OTHERWISE NOTED. *SEE TABLE FOR CULVERT DETAIL

- OXF149 WELLS**
- H1- WV 512478
- H2- WV 512479
- H3- WV 512480
- H4- WV 512481
- H5- WV 512482
- H6- WV 513136

NOT TO SCALE

TOPO SECTION OF USGS
OXFORD 7.5' QUADRANGLE



Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING

SURVEYORS
PROJECT MGMT.



ENGINEERS
ENVIRONMENTAL

228 West Main St.
P.O. Box 150
Olenville, WV 26351
(304) 422-9534

56065 Dille Bottom Road
Shady Side, OH 43087
(740) 671-2911

HONESTY. INTEGRITY. QUALITY

DRAWN BY: K.D.W. FILE NO: 6980 DATE: 08/30/13 CADD FILE: 6980RECWV513136R2.DWG

SEP 23 2013
Office of Oil and Gas
WV Department of Environmental Protection
01/24/2014
BASED DIP