

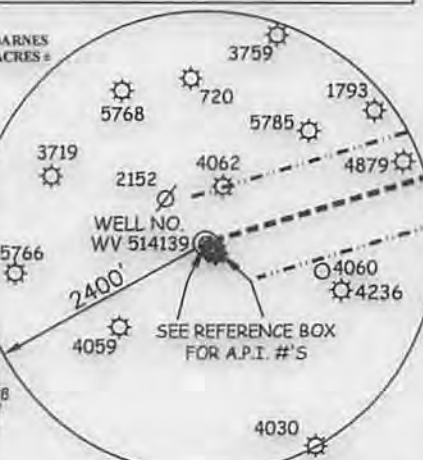
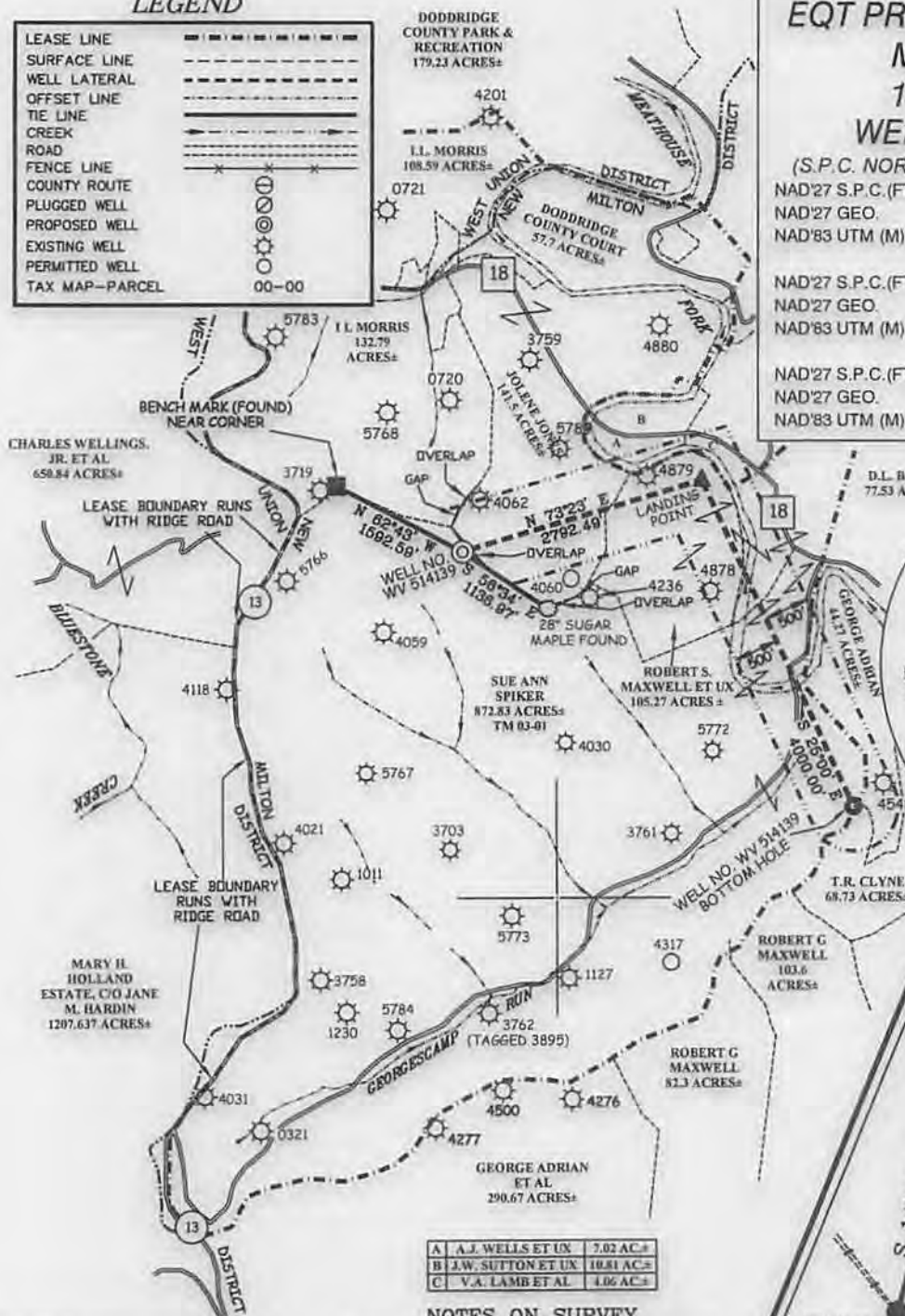
LEGEND

LEASE LINE	---
SURFACE LINE	- - - -
WELL LATERAL	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
FENCE LINE	---
COUNTY ROUTE	---
PLUGGED WELL	○
PROPOSED WELL	○
EXISTING WELL	○
PERMITTED WELL	○
TAX MAP-PARCEL	00-00

**EQT PRODUCTION COMPANY
MAXWELL LEASE
1447.16 ACRES±
WELL NO. WV 514139**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 280,283.6 E. 1,649,352.0
 NAD'27 GEO. LAT-(N) 39.262909 LONG-(W) 80.738429
 NAD'83 UTM (M) N. 4,345,994.6 E. 522,580.8
LANDING POINT
 NAD'27 S.P.C.(FT) N. 281,082.3 E. 1,652,028.0
 NAD'27 GEO. LAT-(N) 39.265202 LONG-(W) 80.729018
 NAD'83 UTM (M) N. 4,346,251.4 E. 523,392.0
BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 277,457.0 E. 1,653,718.4
 NAD'27 GEO. LAT-(N) 39.255313 LONG-(W) 80.722874
 NAD'83 UTM (M) N. 4,345,155.6 E. 523,925.4

NAD'27 GRID NORTH



REFERENCES



A	A.J. WELLS ET UX	7.02 AC±
B	J.W. SUTTON ET UX	10.81 AC±
C	V.A. LAMB ET AL	4.06 AC±

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.

Professional Energy Consultants
 A DIVISION OF SMITH LAND SURVEYING, INC.
SLS SURVEYORS ENGINEERS ENVIRONMENTAL PROJECT MGMT.
 (304) 442-8844 WWW.SLSURVEYS.COM



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. 849 *C. Victor Moyers*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 19, 20 14
 REVISED _____, 20 ____
 OPERATORS WELL NO. WV 514139
 API WELL NO. 47 - 17 - 06588
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7428P514139
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2,000'

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

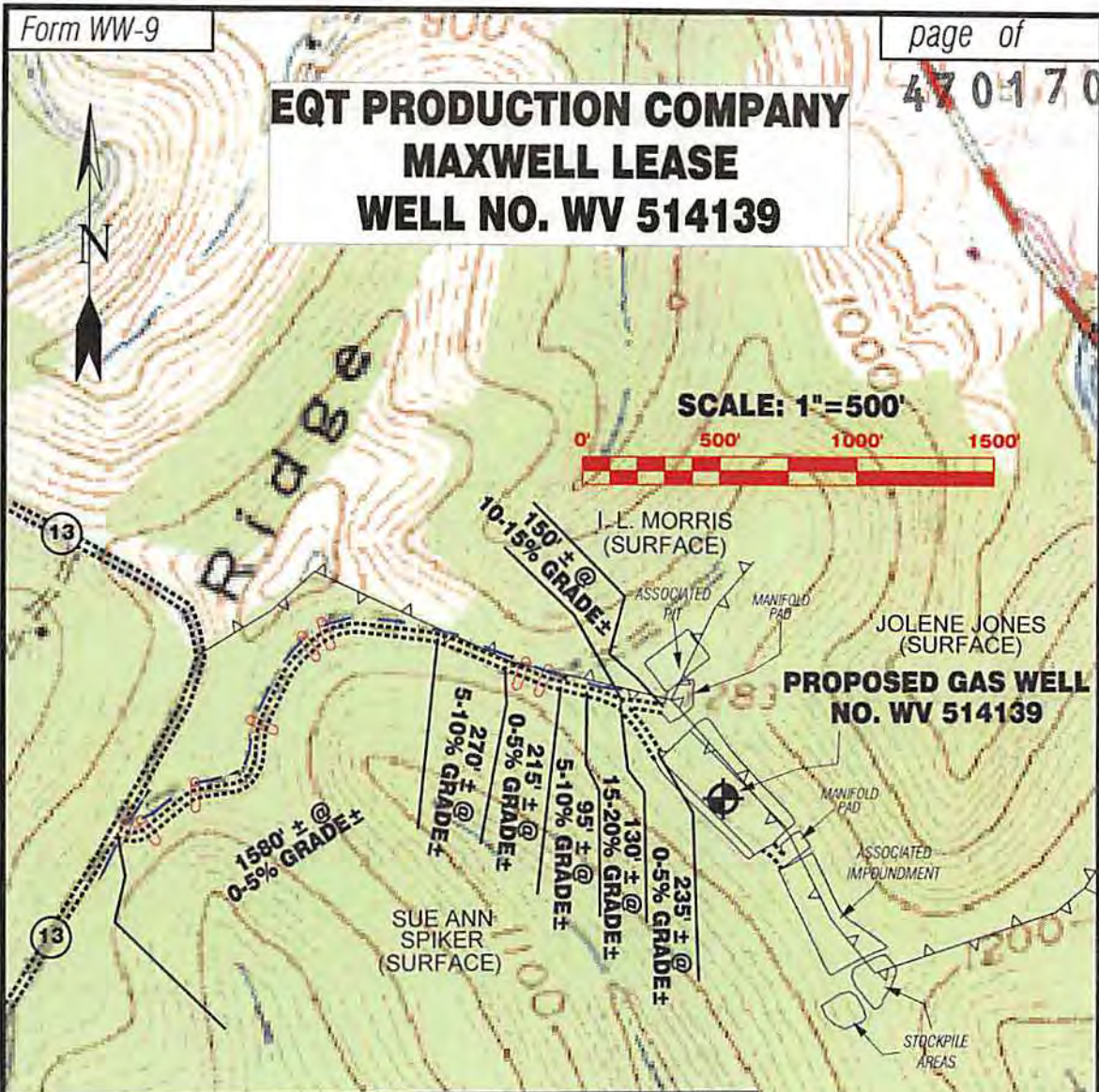
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION:
 ELEVATION 1254'(PAD ELEVATION) WATERSHED TRIBUTARY OF GEORGESCAMP RUN
 DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'
 SURFACE OWNER SUE ANN SPIKER ACREAGE 872.83±
 ROYALTY OWNER LEWIS MAXWELL HEIRS LEASE ACREAGE 1447.16±
 PROPOSED WORK:
 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 MARCELLUS ESTIMATED DEPTH TVD 6,726'

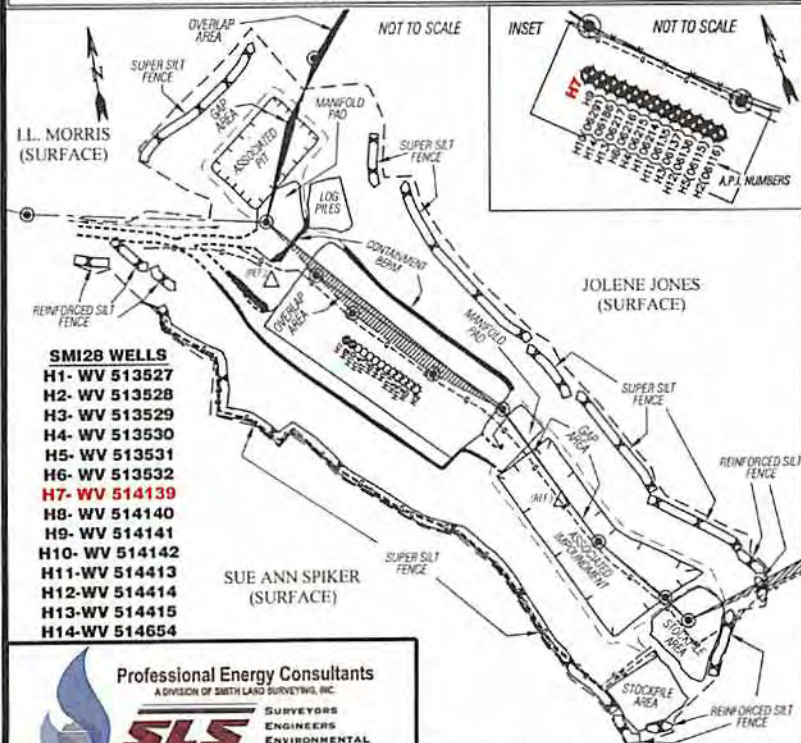
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

11/21/2014

**EQT PRODUCTION COMPANY
MAXWELL LEASE
WELL NO. WV 514139**



Detail Sketch for Proposed Well No. WV 514139



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 IN PAPERS.

- EXISTING CULVERT
- PROPOSED CULVERT OR BOX CULVERT
- PROPOSED STREAM CROSSING
- APPROXIMATE LIMITS OF DISTURBANCE
- PROPERTY CORNER TO BE SET WITH 3/4" IR BAR AFTER RECLAMATION

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 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.

DRAWN BY K.D.W.	FILE NO. 742B	DATE 08/20/14	CADD FILE: 742B\ECV514139.DWG
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TOPO SECTION OF SMITHBURG 7.5'
USGS TOPO QUADRANGLE

RECEIVED
 Office of Oil and Gas
 AUG 27 2014
 WV Department of Environmental Protection