

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.

TOM DAVIES, ET AL 1457.95 ACRES±

EQT PRODUCTION COMPANY LEWIS MAXWELL LEASE 2,654 ACRES± WELL NO. WV 514391

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH) NAD'27 S.P.C.(FT) N. 277,510.0 E. 1,635,668.8 NAD'27 GEO. LAT-(N) 39.254766 LONG-(W) 80.786609 NAD'83 UTM (M) N. 4,345,079.9 E. 518,426.3

LANDING POINT

NAD'27 S.P.C.(FT) N. 277,604.7 E. 1,636,760.1 NAD'27 GEO. LAT-(N) 39.255069 LONG-(W) 80.782761 NAD'83 UTM (M) N. 4,345,114.3 E. 518,758.3

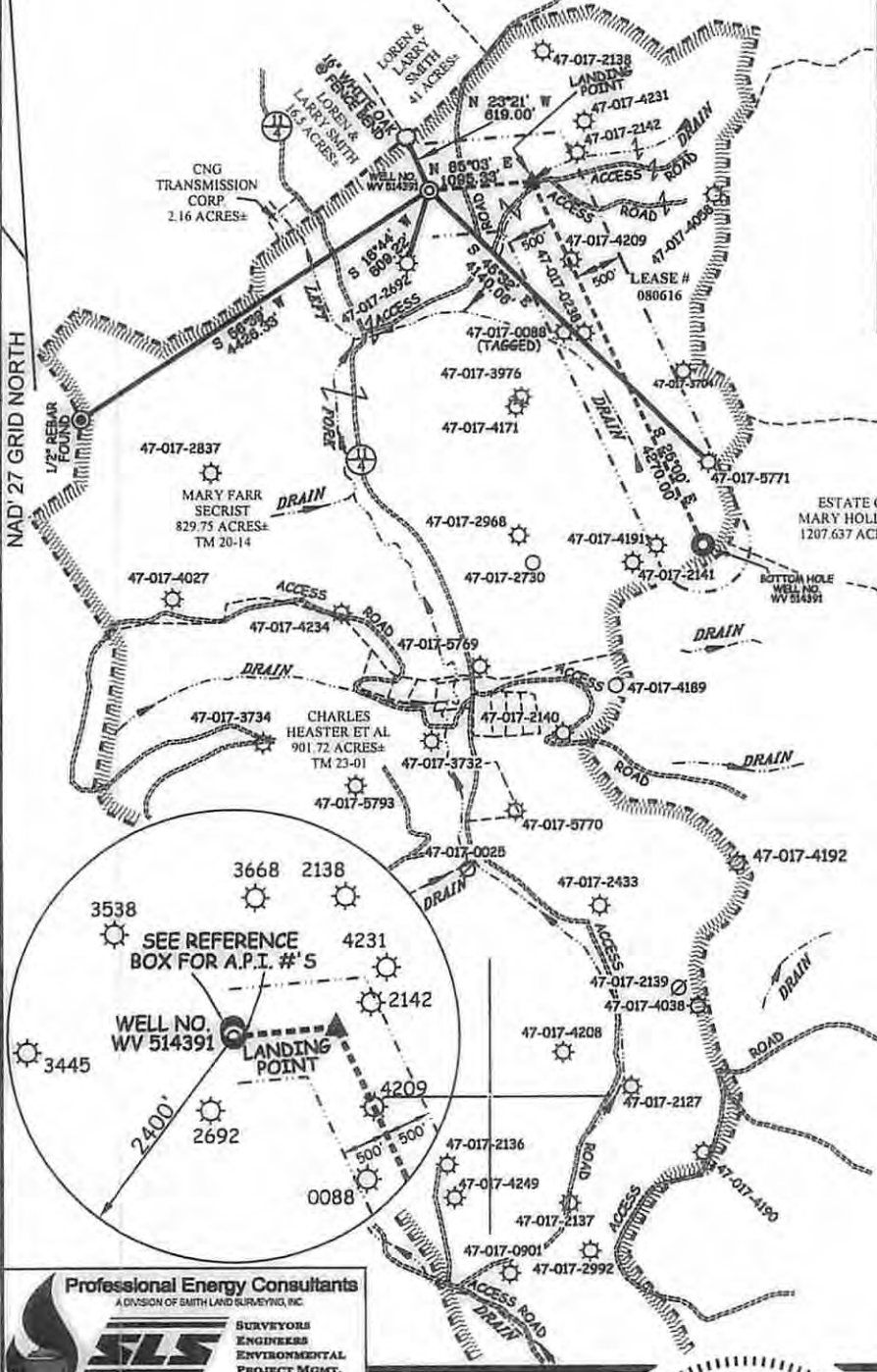
BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 273,734.8 E. 1,638,564.6 NAD'27 GEO. LAT-(N) 39.244515 LONG-(W) 80.776195 NAD'83 UTM (M) N. 4,343,944.5 E. 519,327.7

NAD'27 GRID NORTH

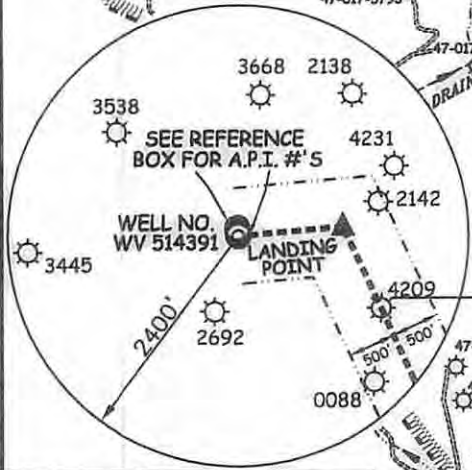
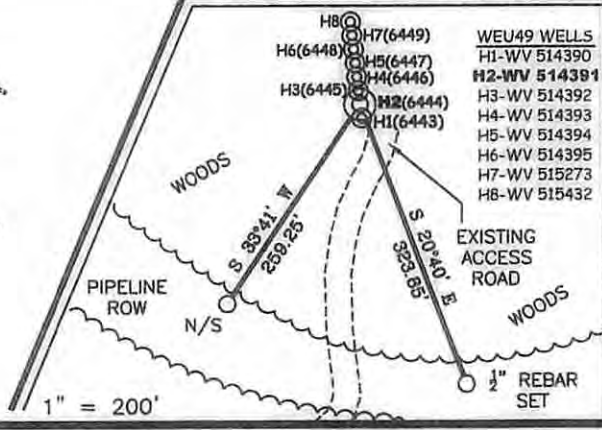
LONGITUDE 80°45'00"

13,440'



LEGEND: LEASE LINE, SURFACE LINE, WELL LATERAL, OFFSET LINE, TIE LINE, CREEK, ROAD, TREE LINE, COUNTY ROUTE, PROPOSED WELL, EXISTING WELL, TAX MAP-PARCEL

REFERENCES



Professional Energy Consultants SLS SURVEYORS ENGINEERS ENVIRONMENTAL PROJECT MGMT. (204) 482-6634 WWW.SLSURVEYS.COM



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 DECEMBER 03, 20 13. REVISED 12/02/13, 07/01/14 & 07/31/14. OPERATORS WELL NO. WV 514391. API WELL NO. 47-017-06444. STATE COUNTY PERMIT

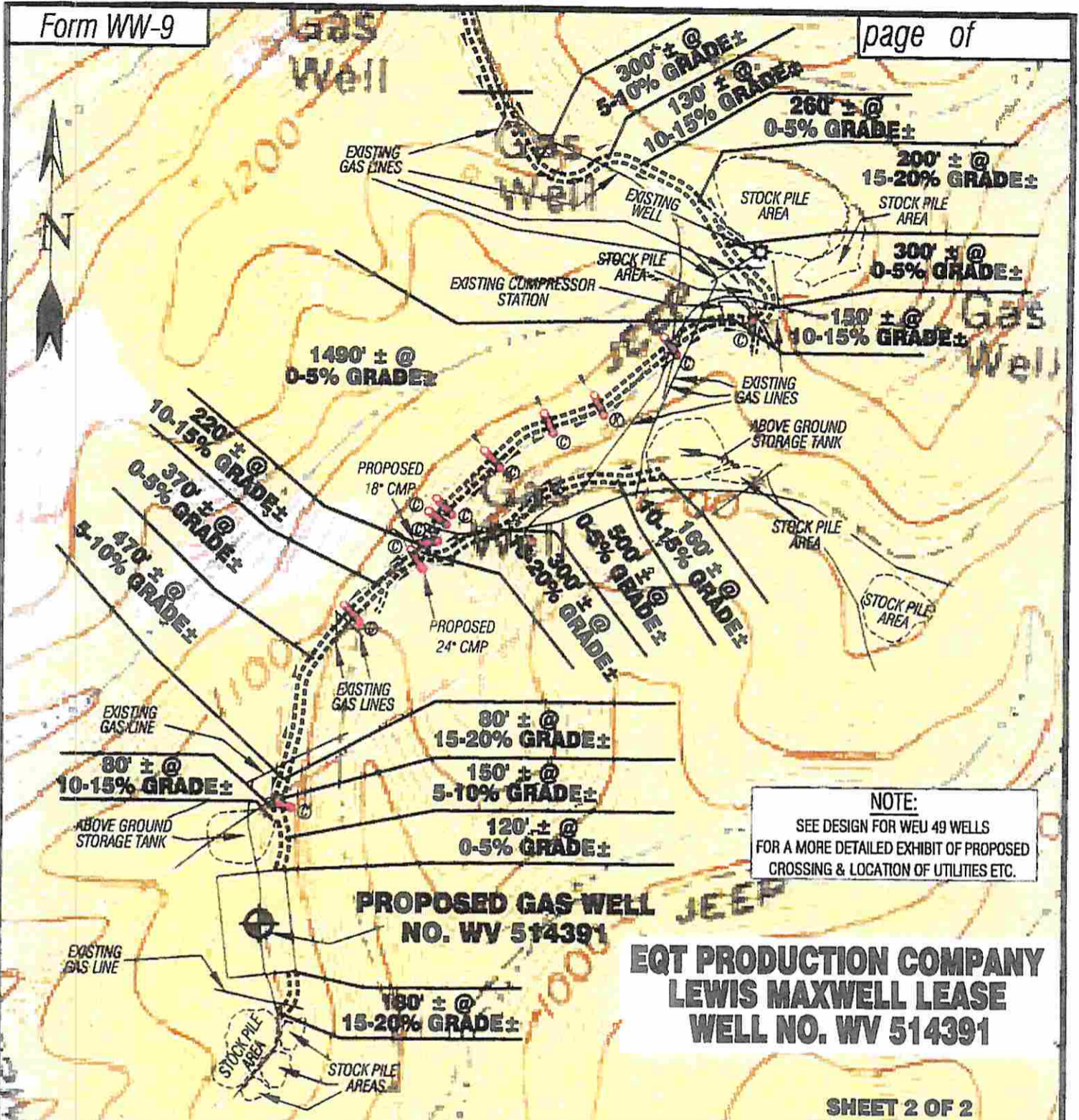
MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7871P514391R2 SCALE 1" = 2000'. HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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 1,165(GROUND) 1,130(PROPOSED) WATERSHED LEFT FORK OF ARNOLD CREEK. DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'. SURFACE OWNER MARY FARR SECRIST ACREAGE 829.75±. ROYALTY OWNER LEWIS MAXWELL HRS ACREAGE 2654±. 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 6,622'

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

12/12/14

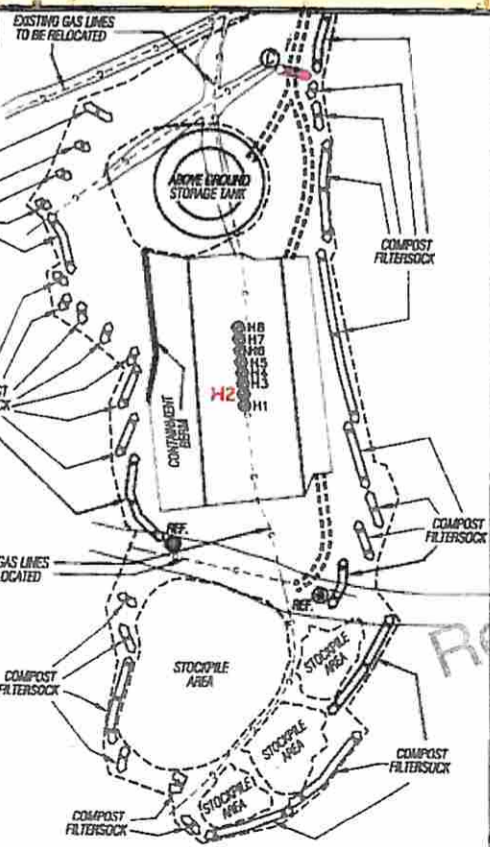


Detail Sketch for Proposed Well WV 514391

- WEU49 WELLS**
- H1-WV 514390
 - H2-WV 514391**
 - H3-WV 514392
 - H4-WV 514393
 - H5-WV 514394
 - H6-WV 514395
 - H7-WV 515273
 - H8- NOT YET DETERMINED

NOTE:
SEE DESIGN FOR WEU 49 WELLS FOR A MORE DETAILED EXHIBIT OF PROPOSED CROSSING & LOCATION OF UTILITIES ETC.

Not To Scale



SHEET 2 OF 2
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.

CLUT & 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)

LEGEND:
 - EXISTING CULVERT
 - PROPOSED CULVERT 15" MIN UNLESS OTHERWISE NOTED
 - PROPOSED STREAM CROSSING
 - APPROXIMATE LIMITS OF DISTURBANCE

Professional Energy Consultants
A DIVISION OF SMITH KELSO SURVEYING

SLS

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INTEGRITY. INTEGRITY. QUALITY.

DRAWN BY: K.D.W. FILE NO.: 7871 DATE: 12/04/13 CADD FILE: 7871RECS14.391.dwg