

WELL NO. WV 514395
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27

N. 277,569.6
E. 1,635,662.0

LAT=(N) 39.254930
LONG=(W) 80.786636

UTM (NAD83)(METERS)

N. 4,345,098.0
E. 518,423.9

TOM DAVIES, ET AL
1457.95 ACRES±

EQT PRODUCTION COMPANY LEWIS MAXWELL LEASE 2,654 ACRES± WELL NO. WV 514395

LANDING POINT
WELL NO. WV 514395
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27

N. 277,161.8
E. 1,636,072.8

LAT=(N) 39.253826
LONG=(W) 80.785165

UTM (NAD83)(METERS)

N. 4,344,975.9
E. 518,551.2

BOTTOM HOLE
WELL NO. WV 514395
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27

N. 273,373.4
E. 1,637,839.4

LAT=(N) 39.243495
LONG=(W) 80.778737

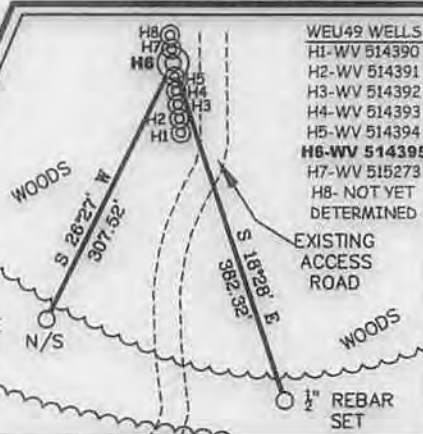
UTM (NAD83)(METERS)

N. 4,343,830.7
E. 519,108.6

NOTES ON SURVEY

1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DB 28 PG 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. NO WATER WELLS WERE FOUND WITHIN 250 FEET OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS (GREATER THAN 2500 SQUARE FEET) OR DWELLINGS WERE FOUND WITHIN 625 FEET OF CENTER OF PROPOSED WELL PAD.

REFERENCES



- 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

NORTH



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 DECEMBER 03 20 13

OPERATORS WELL NO. WV 514395

API WELL NO. 47-17-06448 H6A

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7871P514395

PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

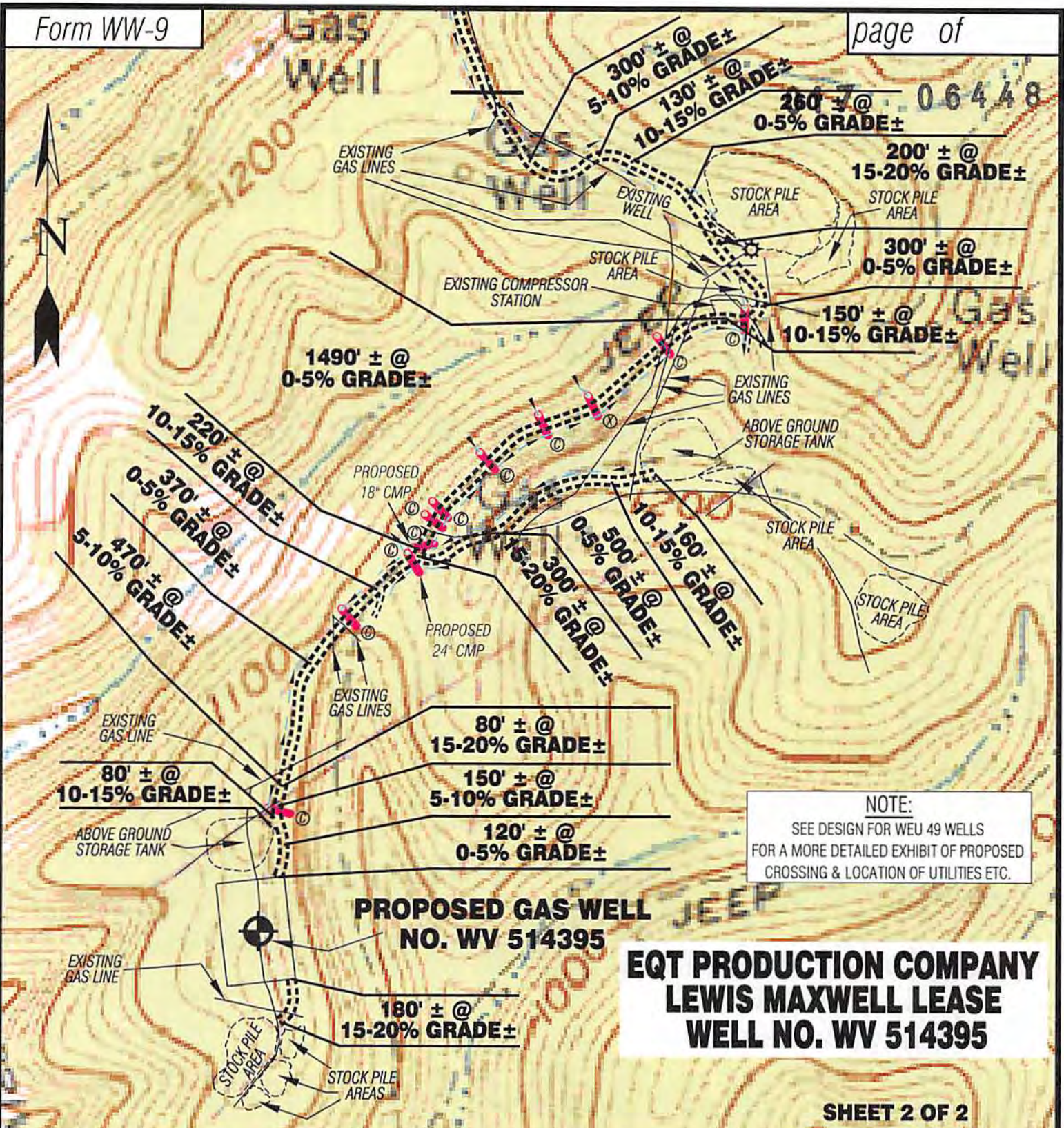
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

WELL TYPE:	OIL	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	WASTE DISPOSAL	IF "GAS" PRODUCTION <input checked="" type="checkbox"/>	STORAGE	DEEP	SHALLOW <input checked="" type="checkbox"/>	
LOCATION:	ELEVATION <u>1,158(GROUND) 1,130(PROPOSED)</u> WATERSHED <u>LEFT FORK OF ARNOLD CREEK</u>								
	DISTRICT	<u>WEST UNION</u>	COUNTY	<u>DODDRIDGE</u>	QUADRANGLE	<u>WEST UNION 7.5'</u>			
SURFACE OWNER	<u>MARY FARR SECRIST</u>				ACREAGE	<u>829.75±</u>			
ROYALTY OWNER	<u>LEWIS MAXWELL HRS</u>				ACREAGE	<u>2654±</u>			
					LEASE NO.	<u>080616</u>			
DRILL <input checked="" type="checkbox"/>	CONVERT <input type="checkbox"/>	DRILL DEEPER <input type="checkbox"/>	REDRILL <input type="checkbox"/>	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD FORMATION <input type="checkbox"/>	PERFORATE NEW FORMATION <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	CLEAN OUT AND REPLUG <input type="checkbox"/>	OTHER <input type="checkbox"/>
PHYSICAL CHANGE IN WELL (SPECIFY)					TARGET FORMATION	<u>GENESECO</u>			
					ESTIMATED DEPTH	<u>TVD 6537 TMD 11571</u>			

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

03/14/2014



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

**EQT PRODUCTION COMPANY
LEWIS MAXWELL LEASE
WELL NO. WV 514395**

**SHEET 2 OF 2
SCALE: 1" = 500'**

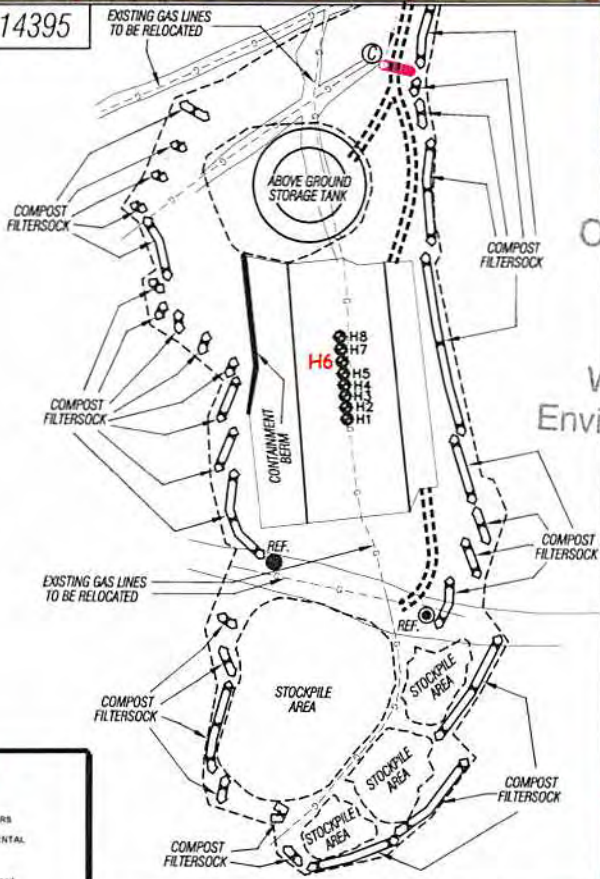


Detail Sketch for Proposed Well WV 514395

- 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



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 FROM 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, 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).

- = EXISTING CULVERT
- = PROPOSED CULVERT 15' MIN UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

TOPO SECTION OF WEST UNION 7.5' USGS TOPO QUADRANGLE

03/14/2014

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING

SURVEYORS PROJECT MGMT. **SLS** ENGINEERS ENVIRONMENTAL

228 Vest Main St. P.O. Box 130 Greenville, WV 26331 (304) 482-5634

5005 Dixie Bottom Road Shady Side, OH 43047 (740) 671-9911

HONESTY. INTEGRITY. QUALITY

DRAWN BY: K.D.W. FILE NO.: 7871 DATE: 12/04/13 CADD FILE: 7871REC514395.dwg