

WELL NO. WV 515273  
STATE PLANE COORDINATES  
(NORTH ZONE) NAD 27

N. 277,584.6  
E. 1,635,660.3

LAT=(N) 39.254970  
LONG=(W) 80.786643

UTM (NAD83)(METERS)

N. 4,345,102.6  
E. 518,423.3

TOM DAVIES ET AL  
1437.95 ACRES±

A	WILLIAM & WANDA BLEVINS	2.01 ACRES±	TM 20-11
B	WILLIAM & RONALD DRUFFITI	2.99 ACRES±	TM 25-1-9
C	JEFFREY & RICHARD WAGNER	2.03 ACRES±	TM 25-1-9
D	ARGIL NICHOLSON	2.03 ACRES±	TM 25-1-4

# EQT PRODUCTION COMPANY LEWIS MAXWELL LEASE 2,654 ACRES± WELL NO. WV 515273

LONGITUDE 80°45'00"

LANDING POINT  
WELL NO. WV 515273  
STATE PLANE COORDINATES  
(NORTH ZONE) NAD 27

N. 276,290.9  
E. 1,634,459.8

LAT=(N) 39.251371  
LONG=(W) 80.790817

UTM (NAD83)(METERS)

N. 4,344,702.3  
E. 518,064.2

BOTTOM HOLE  
WELL NO. WV 515273  
STATE PLANE COORDINATES  
(NORTH ZONE) NAD 27

N. 267,472.5  
E. 1,638,571.9

LAT=(N) 39.227323  
LONG=(W) 80.775856

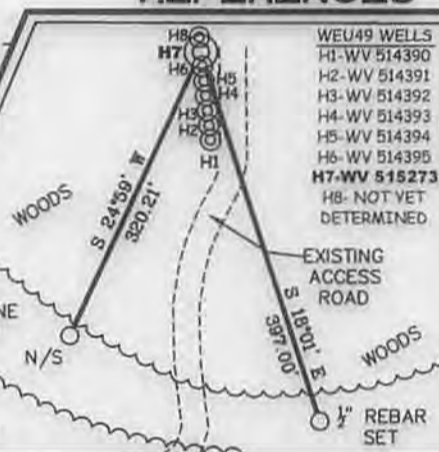
UTM (NAD83)(METERS)

N. 4,342,036.8  
E. 519,361.7

**NOTES ON SURVEY**

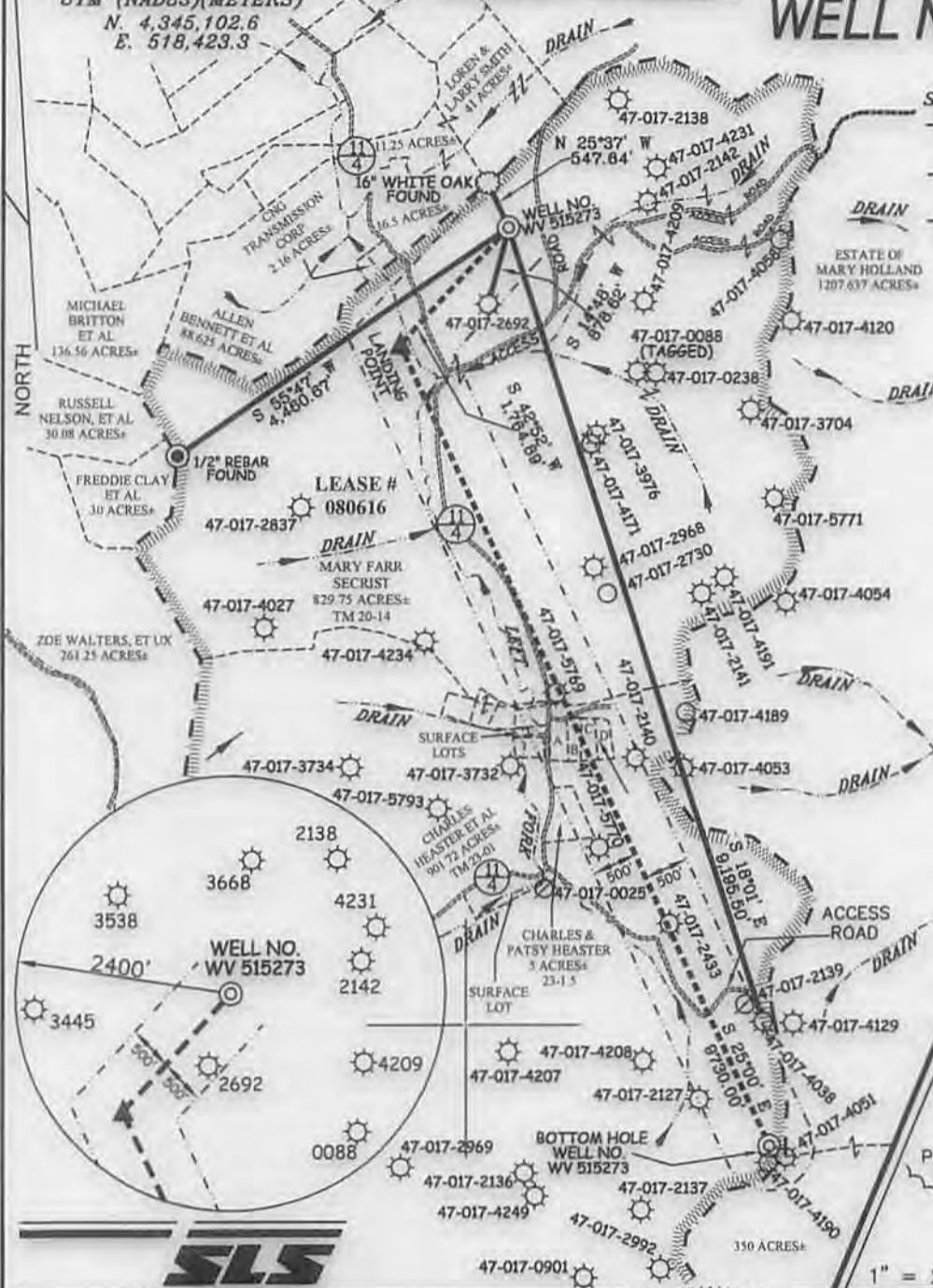
1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DB 28 PG 177.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 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**



NORTH

13,366'



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE DECEMBER 03, 20 13  
OPERATORS WELL NO. WV 515273  
API WELL NO. 47 - 17 - 06449  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7871P515273  
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

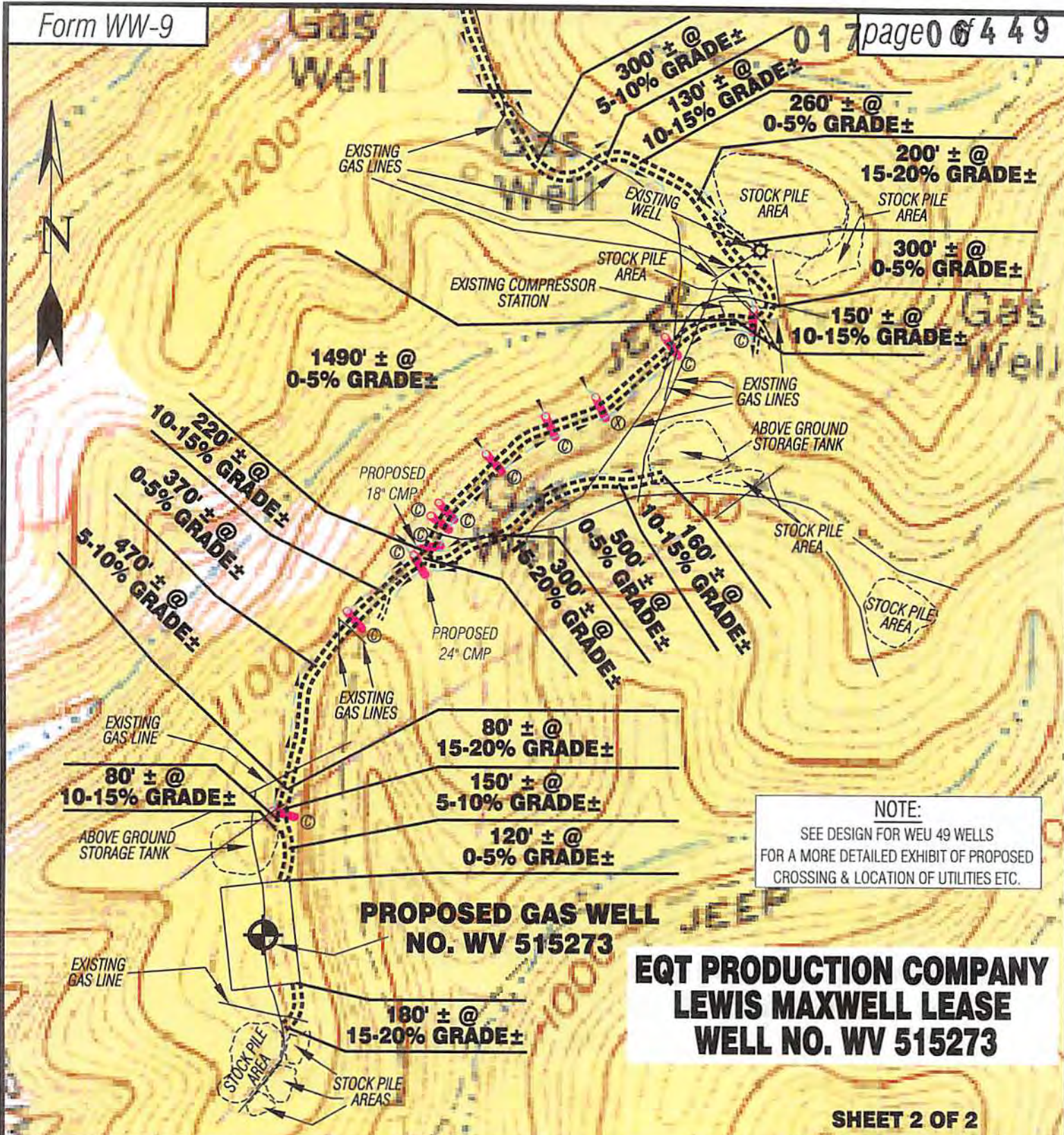


WELL TYPE	OIL	GAS	<input checked="" type="checkbox"/> LIQUID INJECTION	WASTE DISPOSAL	IF "GAS" PRODUCTION	<input checked="" type="checkbox"/> STORAGE	DEEP	SHALLOW	<input checked="" type="checkbox"/>	
LOCATION	ELEVATION	1,156'(GROUND) 1,130'(PROPOSED)		WATERSHED	LEFT FORK OF ARNOLD CREEK					
DISTRICT	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	<input checked="" type="checkbox"/>	CONVERT	<input type="checkbox"/>	DRILL DEEPER	<input type="checkbox"/>	REDRILL	FRACTURE OR STIMULATE	<input checked="" type="checkbox"/>	PLUG OFF OLD
FORMATION	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	GENESEO			
						ESTIMATED DEPTH	TVD 6537 TND 815			

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

03/14/2014

COUNTY NAME PERMIT



**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 515273**

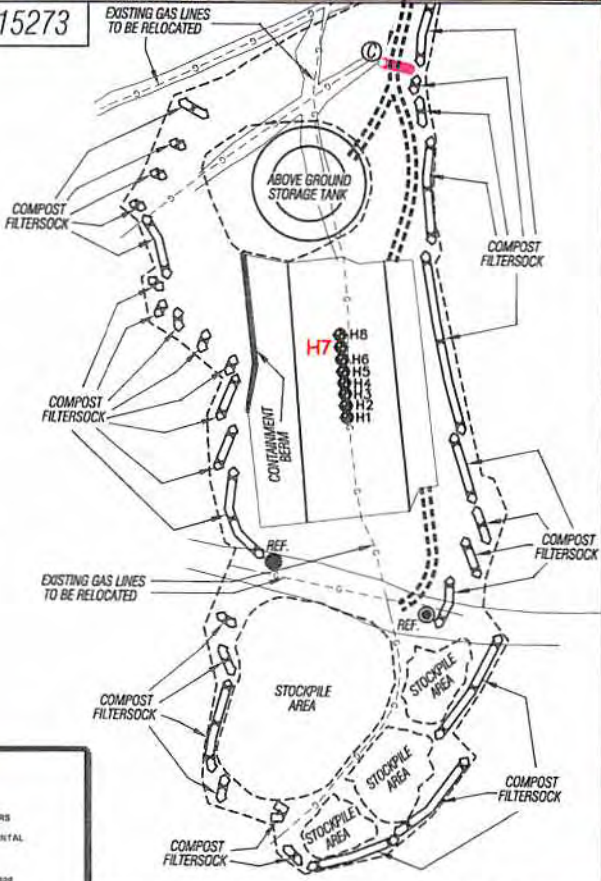
**SHEET 2 OF 2  
SCALE: 1" = 500'**



Detail Sketch for Proposed Well WV 515273

- 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.



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 Environmental Protection

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

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 Shadyville, OH 43087  
 (740) 671-9911

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DRAWN BY K.D.W.	FILE NO. 7871	DATE 12/04/13	CADD FILE: 7871RECS15273.dwg
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