

EQT PRODUCTION COMPANY WELL NO. 515716 - KARL S. SHAVER JR LEASE

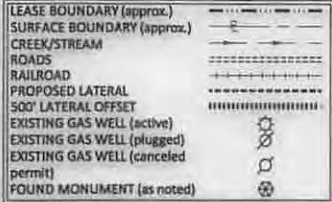
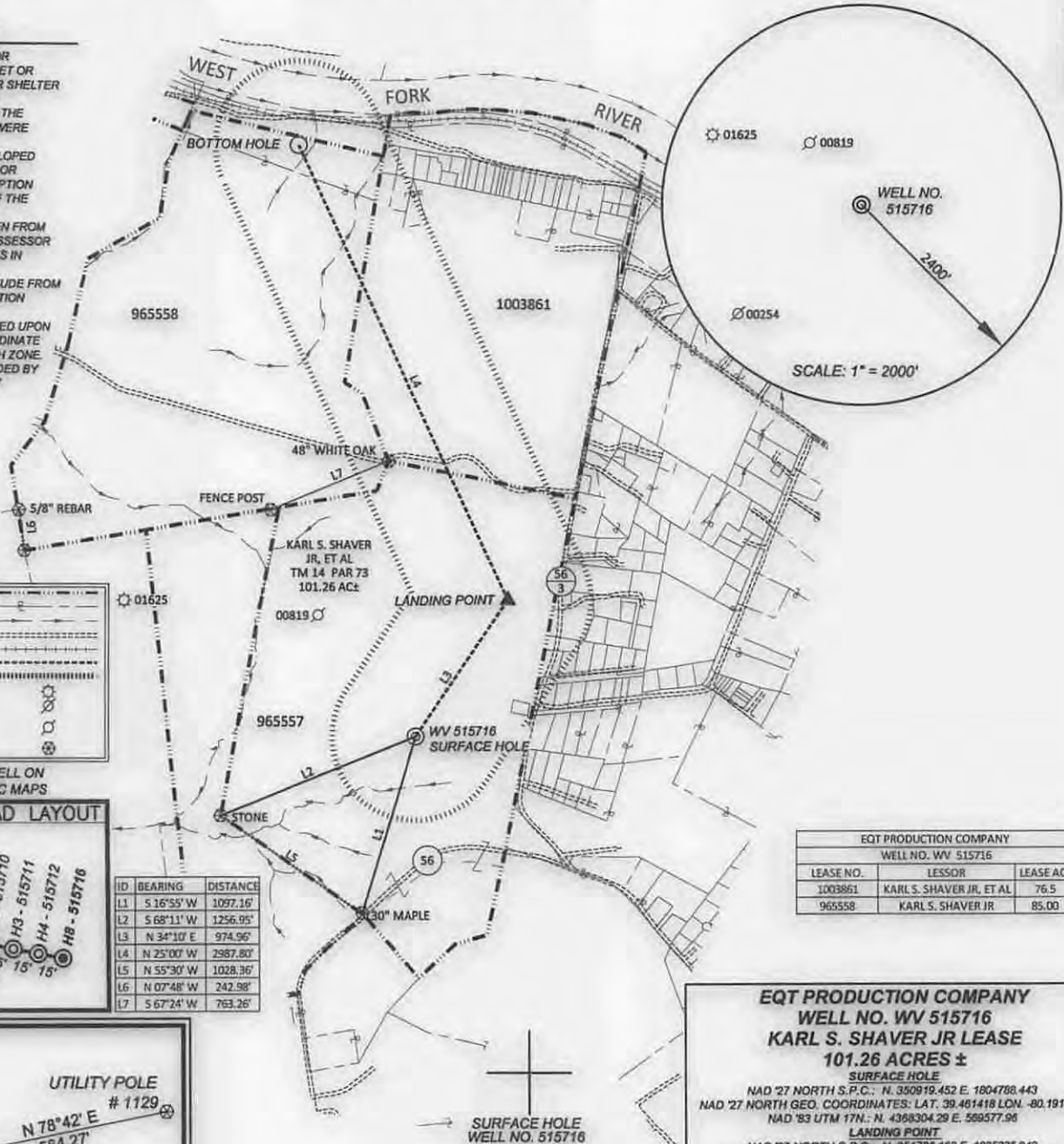
LONGITUDE: 80°10'00"

14,022'

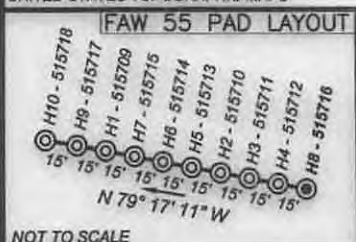
SURVEYED LATITUDE 39°27'41.40"

NOTES ON SURVEY

- NO OCCUPIED DWELLINGS OR BUILDINGS 2500 SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY WITHIN 625' OF THE CENTER OF THE WELL PAD WERE OBSERVED.
- NO WATER WELLS OR DEVELOPED SPRINGS USED FOR HUMAN OR DOMESTIC ANIMAL CONSUMPTION WERE FOUND WITHIN 250' OF THE CENTER OF THE WELL PAD.
- SURFACE OWNERSHIP TAKEN FROM THE MARION COUNTY TAX ASSESSOR AND COUNTY CLERK OFFICES IN SEPTEMBER, 2014.
- WELL LATITUDE AND LONGITUDE FROM SURVEY GRADE OPUS SOLUTION DERIVED ON JULY 17, 2014.
- BEARINGS SHOWN ARE BASED UPON THE WV STATE PLANE COORDINATE SYSTEM, NAD 83 GRID NORTH ZONE.
- LEASE INFORMATION PROVIDED BY EQT PRODUCTION COMPANY

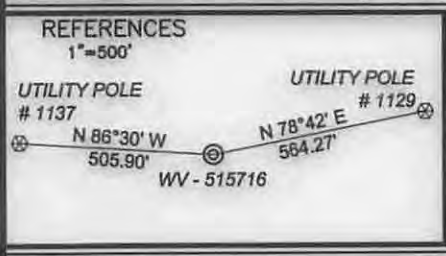


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



ID	BEARING	DISTANCE
L1	S 16°55' W	1097.16'
L2	S 68°11' W	1256.95'
L3	N 34°10' E	974.96'
L4	N 25°00' W	2987.80'
L5	N 55°30' W	1028.36'
L6	N 07°48' W	242.98'
L7	S 67°24' W	763.26'

EQT PRODUCTION COMPANY WELL NO. WV 515716		
LEASE NO.	LESSOR	LEASE AC.
1003861	KARL S. SHAVER JR, ET AL	76.5
965558	KARL S. SHAVER JR	85.00



**EQT PRODUCTION COMPANY
WELL NO. WV 515716
KARL S. SHAVER JR LEASE
101.26 ACRES ±**

SURFACE HOLE
 NAD 27 NORTH S.P.C.: N. 350919.452 E. 1804766.443
 NAD 27 NORTH GEO. COORDINATES: LAT. 39.401418 LON. -80.191404
 NAD 83 UTM 17N.: N. 4368304.29 E. 569577.95

LANDING POINT
 NAD 27 NORTH S.P.C.: N. 351726.160 E. 1805335.940
 NAD 27 NORTH GEO. COORDINATES: LAT. 39.463645 LON. -80.189487
 NAD 83 UTM 17N.: N. 4368552.85 E. 569740.68

BOTTOM HOLE
 NAD 27 NORTH S.P.C.: N. 354434.072 E. 1804073.226
 NAD 27 NORTH GEO. COORDINATES: LAT. 39.471052 LON. -80.194034
 NAD 83 UTM 17N.: N. 4369371.44 E. 569342.21

99 Cambridge Place Bridgeport, WV 26330
 Toll Free 855-488-9539
 Fax 304-933-3327

Civil & Environmental Consultants, Inc.



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 rules issued and prescribed by the Division of Environmental Protection.

DATE FEB. 12, 2015

SCALE 1" = 1000' ACCURACY 1:200

OPERATORS WELL No. 515716

47 - 049 - 02387H6A
API No.

TYPE OF WELL:

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

GAS:
 Production Storage *Deep *Shallow

WELL AREA & LOCATION INFORMATION:

PROPOSED WORK ON LOCATION:
 Drill Drill Deeper Redrill Convert
 Fracture/ Stimulate *Plug off to Formation
 Perforate New Formation Plug and Abandon
 Clean/ Replug Other Than Above
 If "Other" Please see Details below
 DETAILS OF PROPOSED WORK _____

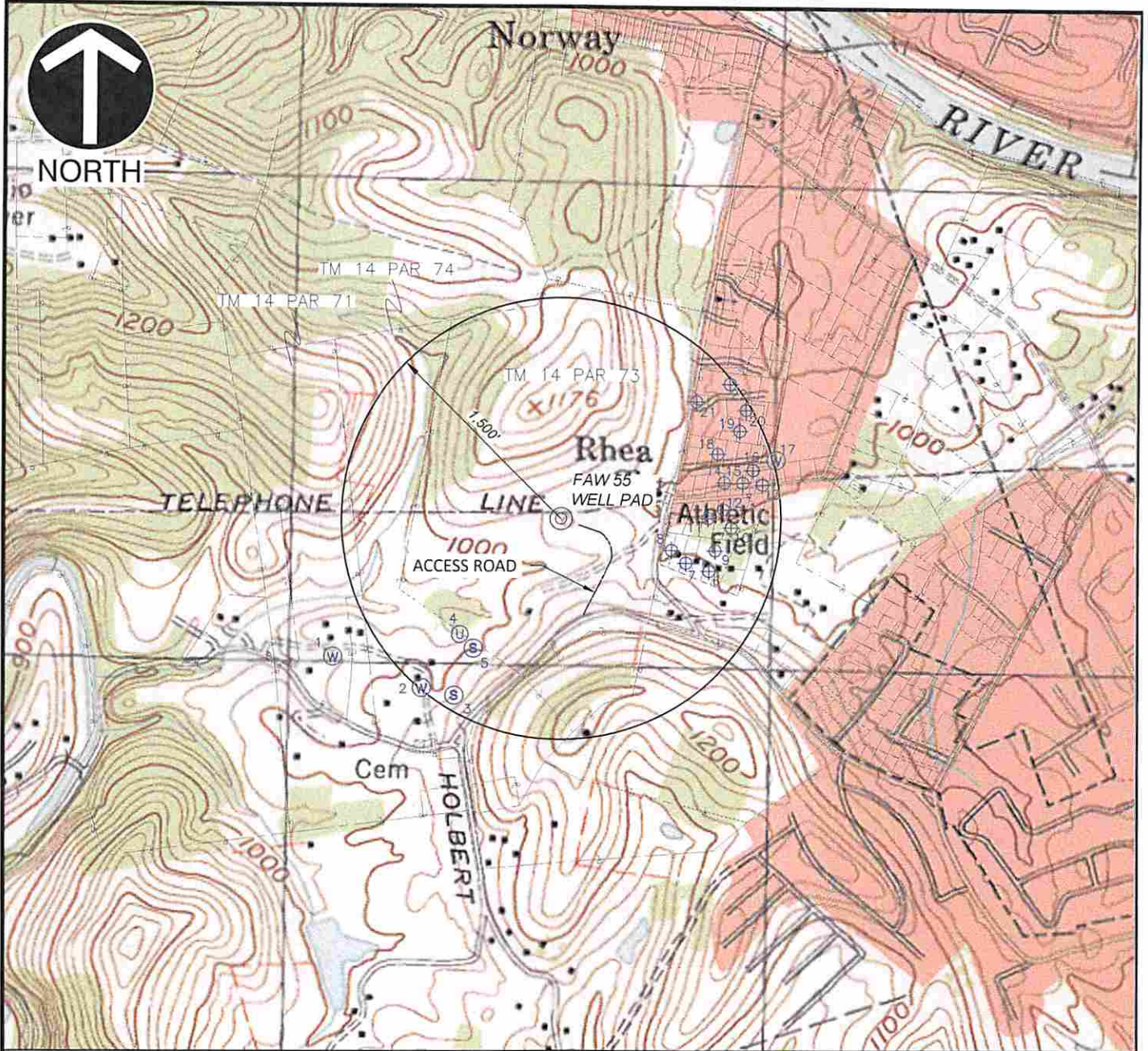
*TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH TVD: 7,147'

ELEVATION SOURCE DGPS (OPUS)
 ELEVATION 1029' (GROUND), 1031' (PROPOSED)
 WATERSHED UNNAMED TRIBUTARY OF BOOTH'S CREEK DISTRICT GRANT
 COUNTY MARION TOPO QUAD FAIRMONT WEST
 SURFACE OWNER KARL S. SHAVER JR ET AL
 ACREAGE 101.26 ±
 ROYALTY OWNER KARL S. SHAVER JR, LEASE NO. 965557
 LEASE ACREAGE 101.26 ±

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

4704902387

KARL S. SHAVER JR. LEASE



P:\2014\142-405\Survey\Draw\Well Plats\142405-WELL_PLAT-FAW55-H1-WATER_TOPO.dwg H1 WATER TOPO] LS:(2/23/2015 - hmalutich) - LP: 2/25/2015 4:59 PM

WELL PAD		1500' BUFFER		WATER WELL		CISTERN	
ACCESS ROAD TO WELL		PARCEL BOUNDARY		SPRING		NO ONE HOME	

REFERENCE

1. U.S.G.S. 7.5' TOPOGRAPHIC MAP, FAIRMONT WEST QUADRANGLE, WV, DATED: 1997



Civil & Environmental Consultants, Inc.

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 www.cecinc.com

EQT PRODUCTION COMPANY

WF 515709

GRANT DISTRICT
 MARION COUNTY, WV

WATERSHED: BOOTH'S CREEK

DRAWN BY:	DAM	CHECKED BY:	JMS	APPROVED BY:	DEM	FIGURE NO:
DATE:	FEBRUARY 23, 2015	DWG SCALE:	1" = 1000'	PROJECT NO:	142-405	

RECEIVED
 Grant District
 MAR 11 2015
 WV Department of
 Environmental Protection

08/28/2015