

**EQT PRODUCTION COMPANY
W.M. ADAMS LEASE
402 ACRES±
WELL NO. WV 513762
(OXF122 H6)**

AS DRILLED COORDINATES

(S.P.C. NORTH ZONE) (UTMM) ZONE 17 NORTH)

NAD'27 S.P.C.(FT) N. 233,079.15 E. 1,622,425.66
NAD'27 GEO. LAT-(N) 39.132259 LONG-(W) 80.831046
NAD'83 UTM (M) N. 4,331,478.85 E. 514,617.71

LANDING POINT

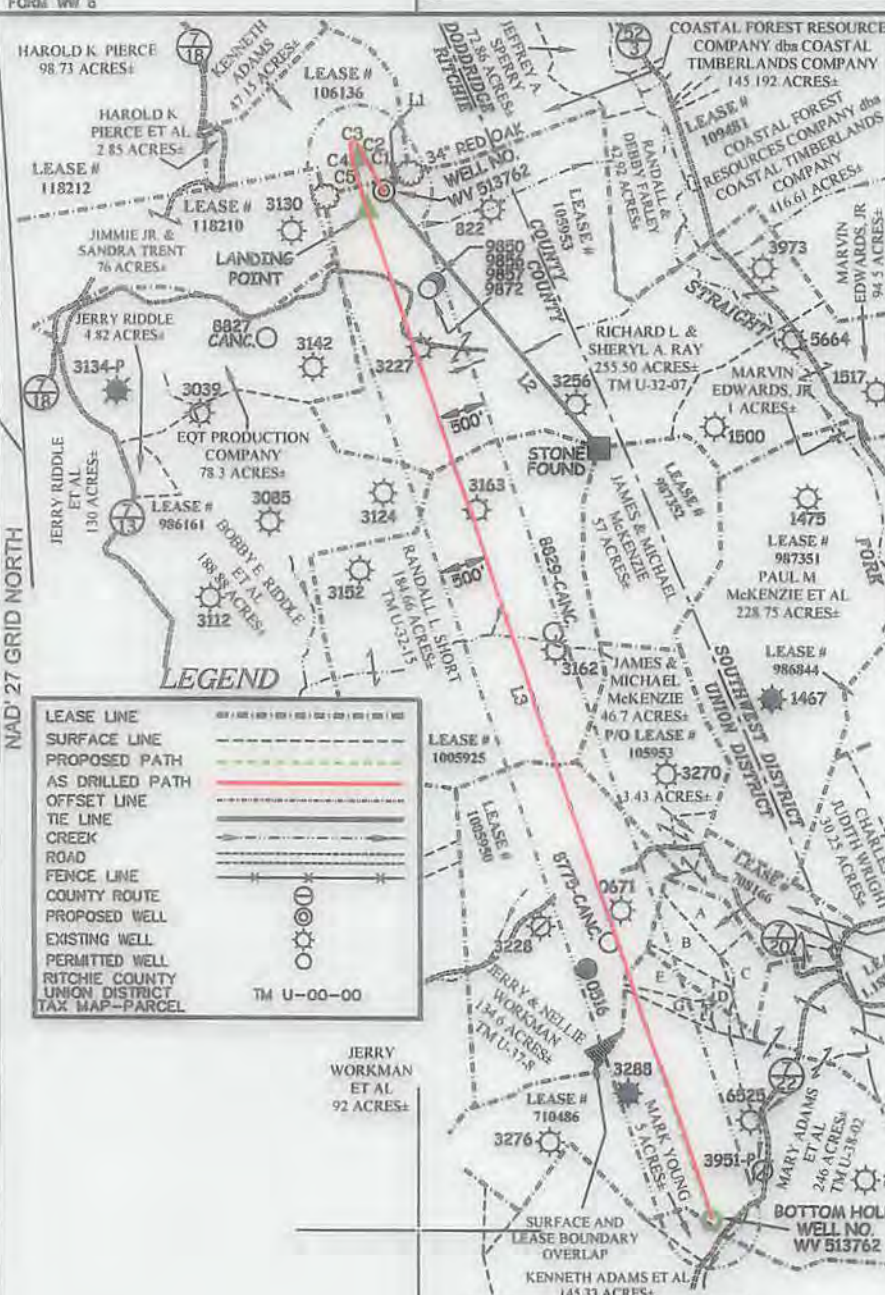
NAD'27 S.P.C.(FT) N. 232,876.28 E. 1,622,255.68
NAD'27 GEO. LAT-(N) 39.131695 LONG-(W) 80.831634
NAD'83 UTM (M) N. 4,331,414.18 E. 514,566.96

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 222,485.89 E. 1,625,821.27
NAD'27 GEO. LAT-(N) 39.103315 LONG-(W) 80.818529
NAD'83 UTM (M) N. 4,328,266.97 E. 515,706.04

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.
2. AS DRILLED INFORMATION PROVIDED BY EQT



LEGEND

LEASE LINE	---
SURFACE LINE	---
PROPOSED PATH	---
AS DRILLED PATH	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
FENCE LINE	---
COUNTY ROUTE	---
PROPOSED WELL	○
EXISTING WELL	○
PERMITTED WELL	○
RITCHIE COUNTY UNION DISTRICT TAX MAP--PARCEL	○

TM U-00-00

A	MALAKI SPENCER	7.204 ACRES±
B	ZAVADA & SUNRAK SPENCER	7.202 ACRES±
C	MELVIN & MARY BRITTON	7.226 ACRES±
D	CAZIJN SPENCER	2.278 ACRES±
E	CHIARA RUMMEL	7.204 ACRES±
F	CEMETERY	0.467 ACRES±
G	MELVIN BRITTON	3.57 ACRES±

ROYALTY OWNERS

ADELE McDOUGAL ET AL	53 AC ±	LEASE NO. 106136
ILENE BECKETT ET AL	183.16 AC ±	LEASE NO. 1005925
MARY J. SMITH ET AL	134 AC ±	LEASE NO. 1005950
JANE L. GARRISON ET AL	246 AC ±	LEASE NO. 710485

WELL TIES

ID	BEARING	DISTANCE
L1	N 55°09' E	322.35'
L2	S 39°56' E	3462.72'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	369.47'	6866.75'	N 30°48' W	369.43'
C2	82.39'	260.92'	N 40°15' W	82.05'
C3	49.08'	25.81'	S 81°05' W	42.01'
C4	73.28'	161.44'	S 05°41' W	72.65'
C5	603.72'	2190.64'	S 13°18' E	502.61'

LATERAL

ID	BEARING	DISTANCE
L3	S 18°53' E	11001.69'



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. 2288 *Earl N. Thompson*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE DECEMBER 12, 20 13
REVISED 07/02/15, 05/18/16 & 06/27/16
OPERATORS WELL NO. WV 513762
API WELL NO. 47 - 085 - 10085H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6811AD513762
HORIZONTAL & VERTICAL CONTROL DETERMINED BY 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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,111'(PAD ELEVATION) WATERSHED STRAIGHT FORK
DISTRICT UNION COUNTY RITCHIE QUADRANGLE OXFORD 7.5'

SURFACE OWNER RICHARD L. & SHERYL A. RAY ACREAGE 255.50±
ROYALTY OWNER HAUGHT FAMILY TRUST ET AL ACREAGE 402± LEASE NO. 105953

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE 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 6,461'

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

09/07/2018

COUNTY NAME PERMIT