

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

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT) N. 233,079.15 E. 1,622,425.56  
 NAD'27 GEO. LAT-(N) 39.132259 LONG-(W) 80.831046  
 NAD'83 UTM (M) N. 4,331,476.85 E. 514,617.71

**LANDING POINT**

NAD'27 S.P.C.(FT) N. 232,891.60 E. 1,622,249.16  
 NAD'27 GEO. LAT-(N) 39.131737 LONG-(W) 80.831658  
 NAD'83 UTM (M) N. 4,331,418.81 E. 514,564.92

**BOTTOM HOLE**

NAD'27 S.P.C.(FT) N. 222,482.00 E. 1,625,809.70  
 NAD'27 GEO. LAT-(N) 39.103304 LONG-(W) 80.818569  
 NAD'83 UTM (M) N. 4,328,265.73 E. 515,702.54

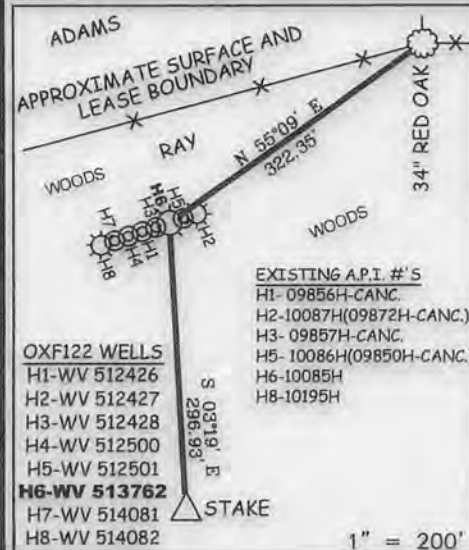
WELL TIES		
ID	BEARING	DISTANCE
L1	N 55°09' E	322.35'
L2	S 39°56' E	3462.72'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	369.47'	8886.75'	N 30°45' 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 08°41' W	72.65'
C5	503.72'	2190.54'	S 13°18' E	502.61'

LATERAL		
ID	BEARING	DISTANCE
L4	S 18°53' E	11001.69'

**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.



**REFERENCES**

A	MALAKI SPENCER	7,204 ACRES±
B	ZAVADA & SUNRAK SPENCER	7,202 ACRES±
C	MELVIN & MARY BRITTON	7,226 ACRES±
D	CAZJUN 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. 710486



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

DATE DECEMBER 12, 20 13

REVISED 07/02/15 & 05/18/16

OPERATORS WELL NO. WV 513762

API WELL NO. 47 - 085 - 10085  
 STATE COUNTY PERMIT MO



**Professional Energy Consultants**  
 A DIVISION OF SMITH LAND SURVEYING, INC.

**SLS**

SURVEYORS  
 ENGINEERS  
 ENVIRONMENTAL  
 PROJECT MGMT.

(304) 462-5634 WWW.SLSURVEYS.COM

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. 849 *C. Victor Moyers*

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6811P513762R3  
 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±

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 TVD 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

05/20/2016

COUNTY NAME PERMIT