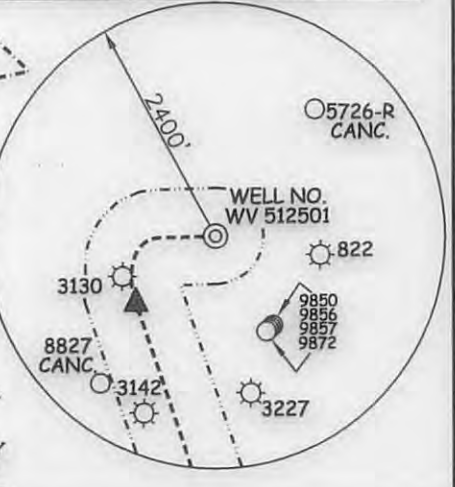
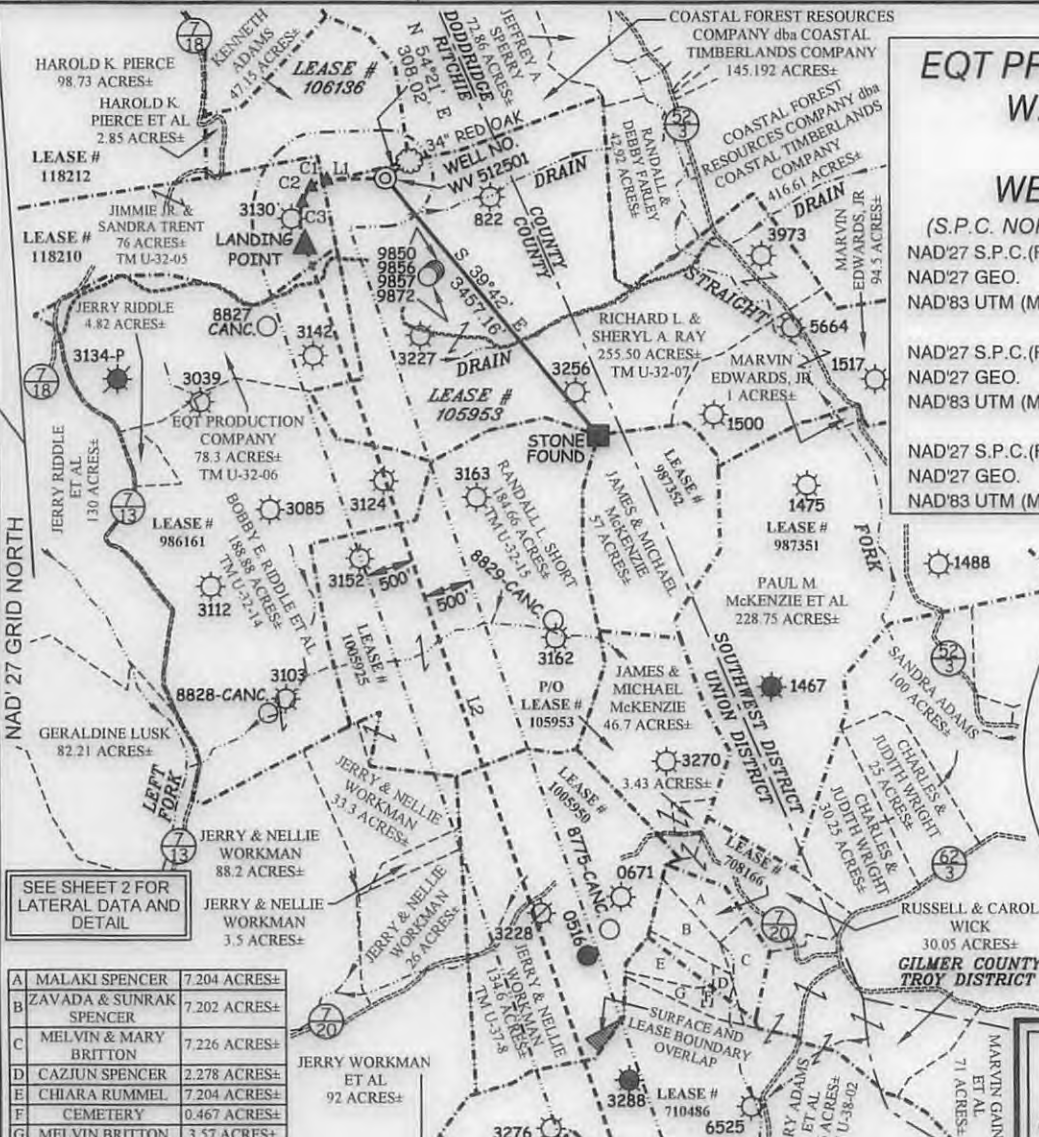


**EQT PRODUCTION COMPANY
W.M. ADAMS LEASE
402 ACRES±
WELL NO. WV 512501**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD'27 S.P.C.(FT) N. 233,083.81 E. 1,622,439.81
NAD'27 GEO. LAT-(N) 39.132273 LONG-(W) 80.830996
NAD'83 UTM (M) N. 4,331,478.34 E. 514,622.03

LANDING POINT
NAD'27 S.P.C.(FT) N. 232,389.96 E. 1,621,603.24
NAD'27 GEO. LAT-(N) 39.130334 LONG-(W) 80.833908
NAD'83 UTM (M) N. 4,314,370.70 E. 514,370.70

BOTTOM HOLE
NAD'27 S.P.C.(FT) N. 222,798.45 E. 1,624,883.96
NAD'27 GEO. LAT-(N) 39.104135 LONG-(W) 80.821847
NAD'83 UTM (M) N. 4,328,357.42 E. 515,418.91



SEE SHEET 2 FOR LATERAL DATA AND DETAIL

A	MALAKI SPENCER	7,204 ACRES±
B	ZAVADA & SUNRAK SPENCER	7,202 ACRES±
C	MELVIN & MARY BRITTON	7,226 ACRES±
D	CAZIJUN SPENCER	2,278 ACRES±
E	CHIARA RUMMEL	7,204 ACRES±
F	CEMETERY	0.467 ACRES±
G	MELVIN BRITTON	3.57 ACRES±

LEGEND

LEASE LINE	---
SURFACE LINE	---
WELL LATERAL	---
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



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*

ROYALTY OWNERS

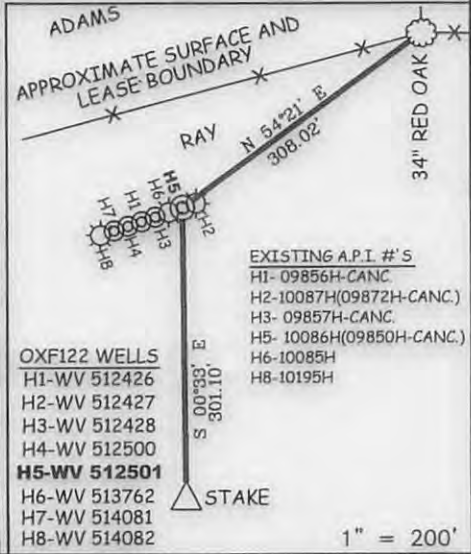
ADELE McDOUGAL ET AL.	63 AC.±	LEASE NO. 106136
BONNIE L. BROWN ET AL.	84.50 AC.±	LEASE NO. 118210
JACK W. BYERS, ET AL.	272 AC.±	LEASE NO. 986161
ILENE BECKETT ET AL.	183.16 AC.±	LEASE NO. 1005925
MARY J. SMITH ET AL.	134 AC.±	LEASE NO. 1005950
JANE L. GARRISON ET AL.	246 AC.±	LEASE NO. 710486

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE NOVEMBER 18, 20 09
REVISED 11/18/13, 12/12/13, 11/05/14, 07/10/15 & 05/23/16
OPERATORS WELL NO. WV 512501
API WELL NO. 47-085-10086
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6811P512501R5
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± **01/13/2017**

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'

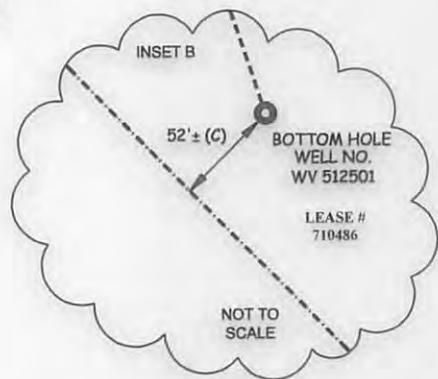
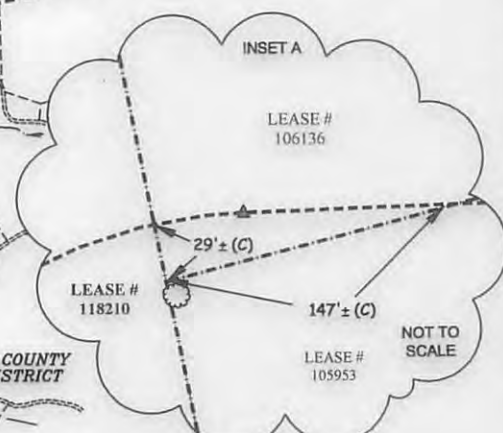
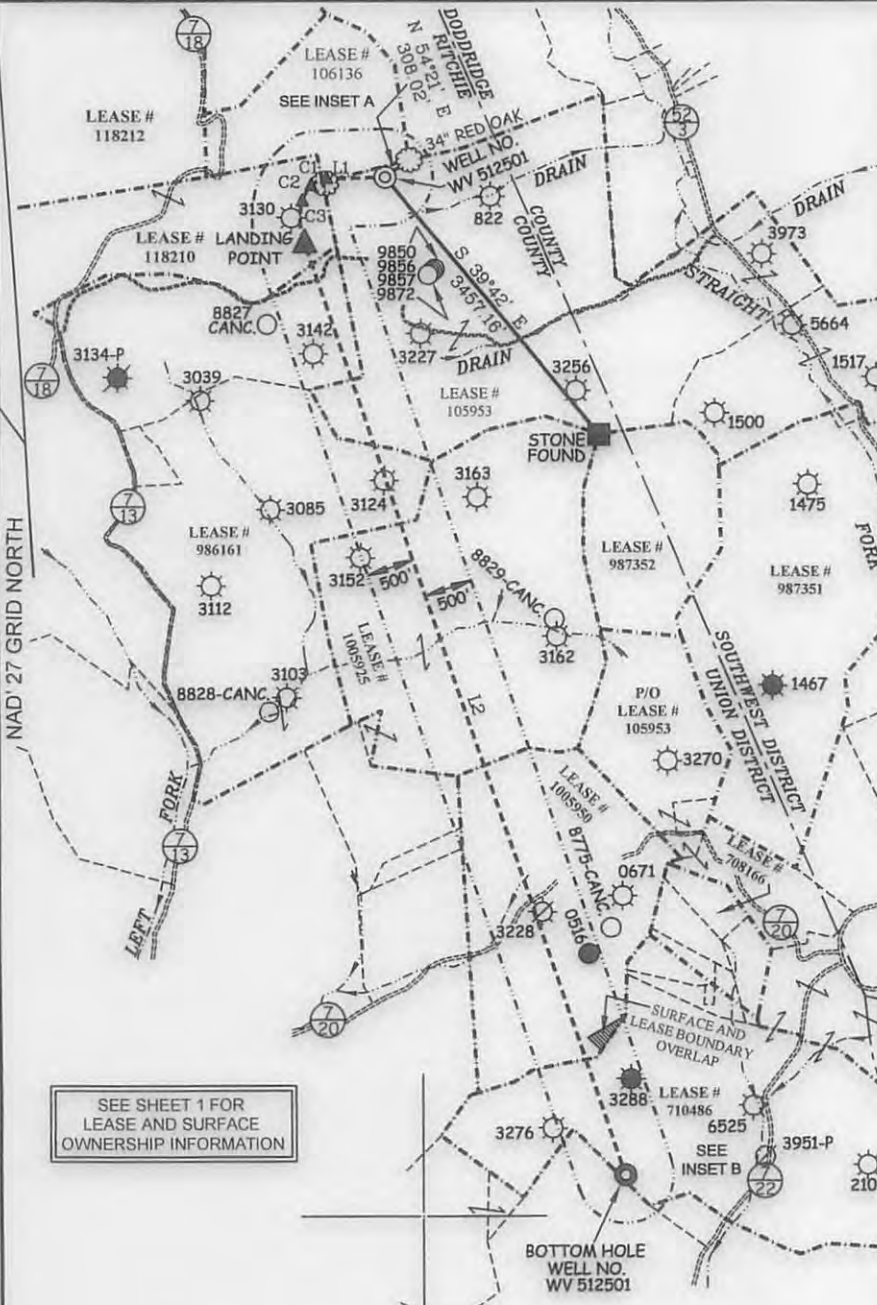
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

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W.M. ADAMS LEASE
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SEE SHEET 1 FOR LEASE AND SURFACE OWNERSHIP INFORMATION

BUILD OUT DATA		
ID	BEARING	DISTANCE
L1	N 88°04' W	606.00'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	180.29'	240.14'	S 66°39'17" W	176.08'
C2	185.83'	373.18'	S 29°55'13" W	183.92'
C3	451.80'	736.10'	S 02°53'53" W	444.75'

LATERAL		
ID	BEARING	DISTANCE
L2	S 18°53' E	10,137.07'

FILE NO. 6811P512501R5

SLS
Land & Energy Development
 Solutions from the ground up.
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5634
 www.slsurveys.com

VICTOR MOYERS
 LICENSED
 No. 849
 STATE OF
 WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 C.V.M. 5-23-16

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

LEGEND

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- FENCE LINE
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL

01/13/2017

SCALE 1" = 2000'
 DATE NOVEMBER 18, 20 09
 REVISED 11/18/13, 12/12/13, 11/05/14, 07/10/15 & 05/23/16
 OPERATORS WELL NO. WV 512501
 API WELL NO. 47 — 085 — 10084
 STATE COUNTY PERMIT

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

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