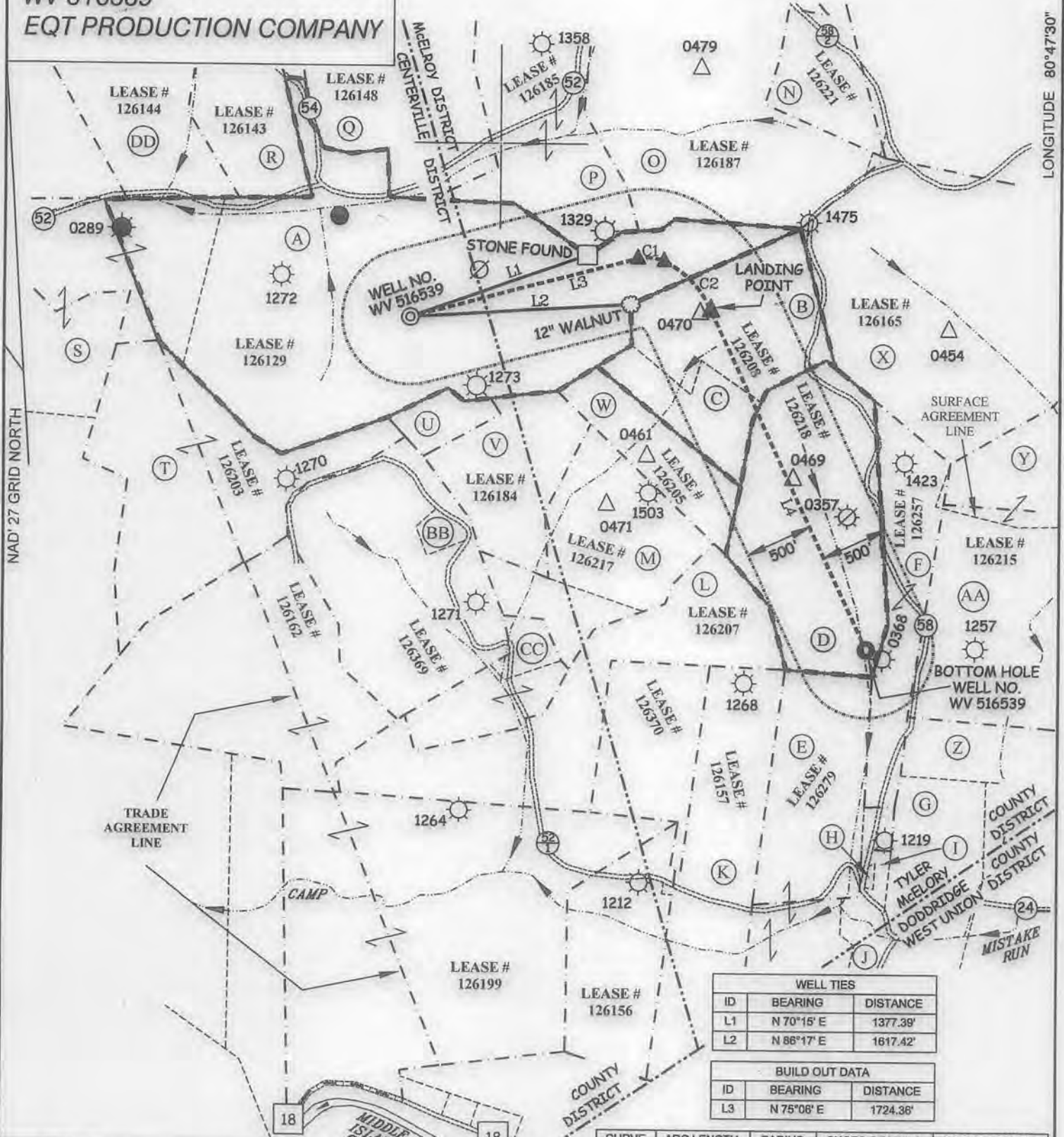


WEU4
WV 516539
EQT PRODUCTION COMPANY



WELL TIES		
ID	BEARING	DISTANCE
L1	N 70°15' E	1377.38'
L2	N 86°17' E	1617.42'

BUILD OUT DATA			
ID	BEARING	DISTANCE	
L3	N 75°08' E	1724.36'	

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	197.70'	297.56'	S 85°02' E	194.09'
C2	510.04'	706.75'	S 43°53' E	499.05'

LATERAL		
ID	BEARING	DISTANCE
L4	S 25°00' E	2745.32'

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.
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ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.
(304) 462-5534
WWW.SLSURVEYS.COM

(S.P.C. WV NORTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD'27 S.P.C.(FT) N. 318,420.30 E. 1,626,553.29
NAD'27 GEO. LAT-(N) 39.366714 LONG-(W) 80.820920
NAD'83 UTM (M) N. 4,357,496.87 E. 515,441.34
LANDING POINT
NAD'27 S.P.C.(FT) N. 318,487.06 E. 1,628,759.00
NAD'27 GEO. LAT-(N) 39.368986 LONG-(W) 80.813123
NAD'83 UTM (M) N. 4,357,528.45 E. 516,112.97
BOTTOM HOLE
NAD'27 S.P.C.(FT) N. 315,998.96 E. 1,629,919.21
NAD'27 GEO. LAT-(N) 39.360202 LONG-(W) 80.808891
NAD'83 UTM (M) N. 4,356,776.34 E. 516,479.08

VICTOR MOYERS
LICENSED
No. 849
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR
C.V. 03-16

(+) 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
- ABANDONED WELL
- PLUGGED WELL
- STORAGE WELL
- CENTERTVILLE DISTRICT TAX MAP-PARCEL C-00-00
- McELROY DISTRICT TAX MAP-PARCEL M-00-00
- WEST UNION DISTRICT TAX MAP-PARCEL WU-00-00

SCALE 1" = 1000'
DATE OCTOBER 1, 2015
REVISED MARCH 03, 2016
OPERATORS WELL NO. WV 516539
API WELL NO. 47-095-02318 MOD
STATE COUNTY PERMIT

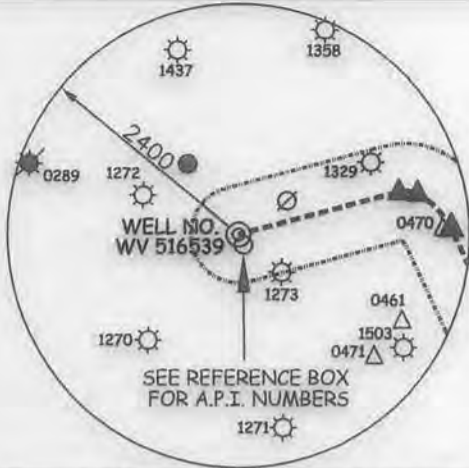
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
C.V. 03-16

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**

06/17/2016

COUNTY NAME PERMIT

WEU4
WV 516539
EQT PRODUCTION COMPANY



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

NAD'27 S.P.C.(FT)	N. 316,420.30	E. 1,626,553.29
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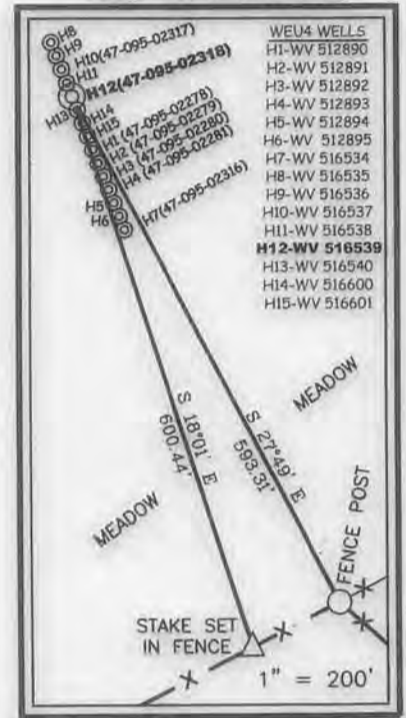
ROYALTY OWNERS		
ROXIE DAVIS ET AL	53 AC±	LEASE NO. 126208
DARREN L. PARKS ET AL	50 AC±	LEASE NO. 126218

A	DONNA PETER	113.4 ACRES±	TM C-16-22
B	EDWARD II & CAROLYN WHITE	40 ACRES±	TM M-21-38
C	EDWARD II & CAROLYN WHITE	12.5 ACRES±	TM M-21-39
D	CARL PERKINS	50.25 ACRES±	TM M-21-37
E	JAMES & KATHRYN McNULTY	50.18 ACRES±	TM M-23-3.1
F	THOMAS & RICHARD MARTIN	28.99 ACRES±	TM M-21-36
G	MYRON & BETTY WHITE	14.88 ACRES±	TM WU-01-01
H	KENDRA (COTTRILL) WYKE	0.5 ACRES±	TM WU-01-08
I	JASON & JENNIFER BAGLEY	1.42 ACRES±	TM WU-01-10.1
J	JUDITH BAGLEY	10.09 ACRES±	TM WU-01-10
K	RICHARD & LISA HENDRICKSON	44.68 ACRES±	TM M-23-02
L	ANZANETTA DRAIN HRS	46.88 ACRES±	TM C-18-03
M	JOHN McDONALD JR.	23 ACRES±	TM M-21-41
N	GARY DAVENPORT	16 ACRES±	TM M-21-25
O	BRUCE & SANDRA STONEKING	69.44 ACRES±	TM M-21-28
P	BRUCE & SANDRA STONEKING	42.86 ACRES±	TM M-21-29
Q	ELIZABETH ABRUZZINO	109.94 ACRES±	TM C-16-10
R	DAVID WOLFE	24.84 ACRES±	TM C-16-16
S	RICHARD & YVONNE METCALF	61.57 ACRES±	TM C-16-17
T	CHRIS BAUM ET AL	56.84 ACRES±	TM C-16-23
U	PAUL WEEKLEY (LIFE)	5 ACRES±	TM C-16-28
V	PAUL WEEKLEY (LIFE)	18 ACRES±	TM C-16-27
W	EDWARD II & CAROLYN WHITE	16 ACRES±	TM M-21-40
X	ASIA CUMBERLEDGE	75.75 ACRES±	TM M-21-32
Y	BRUCE BOLAND	35.43 ACRES±	TM M-21-34
Z	MYRON & BETTY WHITE	15.15 ACRES±	TM M-23-07
AA	BENTON E. KEYS	60.6 ACRES±	TM M-21-35
BB	STONEWALL GAS COMPANY	2 ACRES±	TM C-16-24.2
CC	PAUL WEEKLEY (LIFE)	3.37 ACRES±	TM C-16-29
DD	CONRAD COSTILOW	46.17 ACRES±	TM C-16-14

NOTES ON SURVEY

- 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



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

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 462-5624 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. *C. Victor Moyers*
 849

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE OCTOBER 1 , 20 15
 REVISED MARCH 03 , 20 16
 OPERATORS WELL NO. WV 516539
 API WELL NO. 47 - 095 - 02318
 STATE WEST VIRGINIA COUNTY TYLER PERMIT AD

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7701P516539R
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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:
 PAD ELEVATION 1,079' WATERSHED TRIBUTARY OF CAMP MISTAKE RUN
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5'

SURFACE OWNER DONNA J. PETER ACREAGE 113.40±
 ROYALTY OWNER WACO OIL AND GAS INC. ET AL ACREAGE 152±
 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 6,649'

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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