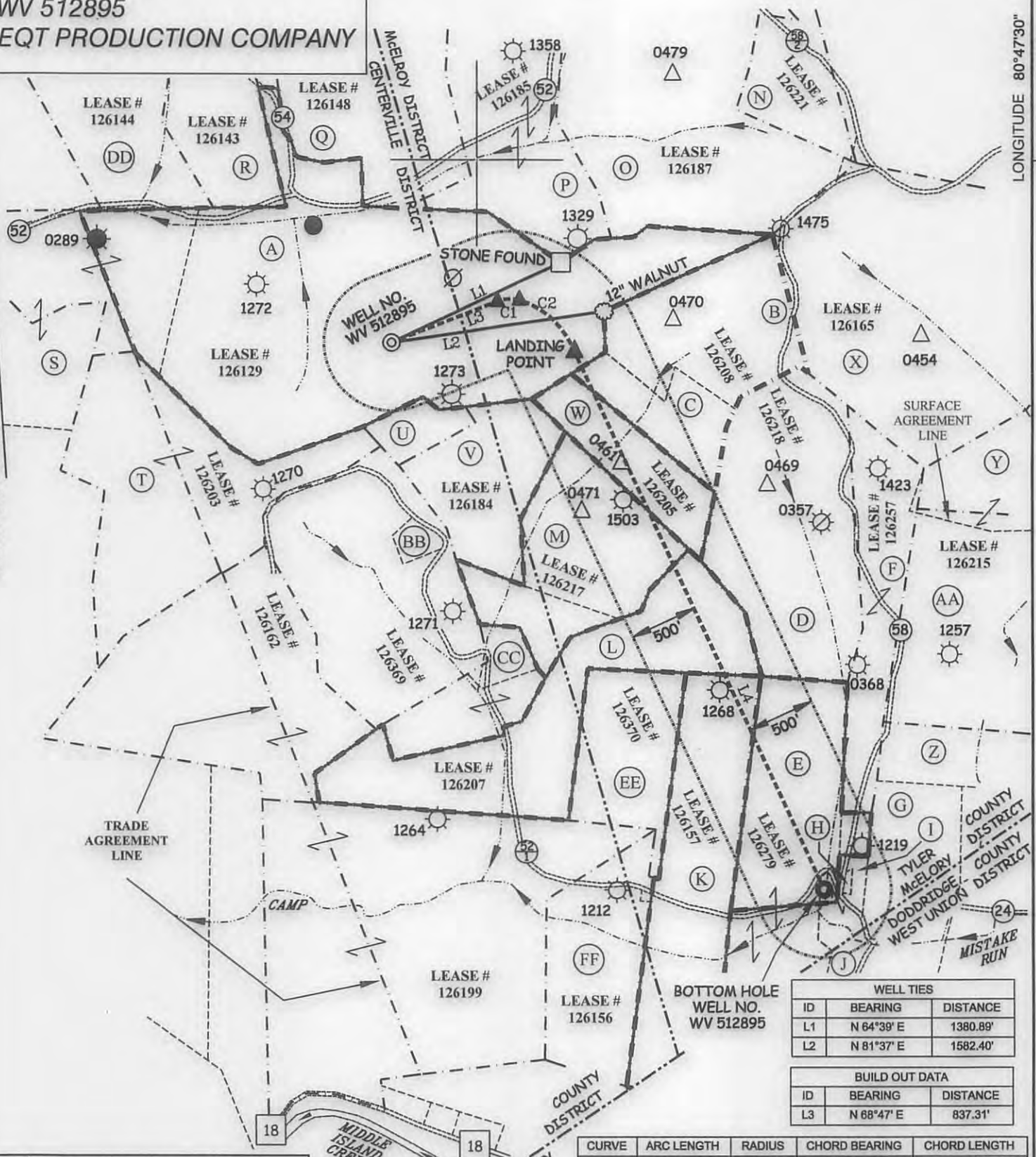


**WEU4**  
**WV 512895**  
**EQT PRODUCTION COMPANY**

NAD'27 GRID NORTH



WELL TIES		
ID	BEARING	DISTANCE
L1	N 64°38' E	1380.89'
L2	N 81°37' E	1582.40'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 68°47' E	837.31'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	164.42'	282.68'	N 86°29' E	162.11'
C2	572.32'	645.22'	S 47°06' E	553.74'

LATERAL		
ID	BEARING	DISTANCE
L4	S 25°00' E	4356.37'

**Professional Energy Consultants**  
 A DIVISION OF SMITH LAND SURVEYING, INC.  
  
**SURVEYORS ENGINEERS ENVIRONMENTAL PROJECT MGMT.**  
 (304) 462-5634 WWW.SLSURVEYS.COM

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

NAD'27 S.P.C.(FT)	N. 318,294.32	E. 1,626,601.83
NAD'27 GEO.	LAT-(N) 39.366370	LONG-(W) 80.820742
NAD'83 UTM (M)	N. 4,357,458.74	E. 515,456.77
<b>LANDING POINT</b>		
NAD'27 S.P.C.(FT)	N. 318,230.96	E. 1,627,949.80
NAD'27 GEO.	LAT-(N) 39.366249	LONG-(W) 80.815971
NAD'83 UTM (M)	N. 4,357,446.12	E. 515,867.75
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C.(FT)	N. 314,282.15	E. 1,629,790.87
NAD'27 GEO.	LAT-(N) 39.355484	LONG-(W) 80.809256
NAD'83 UTM (M)	N. 4,356,252.66	E. 516,448.71

**VICTOR MOYERS**  
 LICENSED  
 No. 849  
 STATE OF  
 WEST VIRGINIA  
 PROFESSIONAL SURVEYOR  
 C.V. 11/16 3-03-16

(+) 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
- CENTERVILLE DISTRICT TAX MAP-PARCEL
- McELROY DISTRICT TAX MAP-PARCEL
- WEST UNION DISTRICT TAX MAP-PARCEL

C-00-00  
 M-00-00  
 WJ-00-00

SCALE 1" = 1000'

DATE OCTOBER 1, 2015

REVISED MARCH 03, 2016

OPERATORS WELL NO. WV 512895

API WELL NO. 47-095-02351 H44

NO. STATE COUNTY PERMIT

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

WELL OPERATOR **EQT PRODUCTION COMPANY** DESIGNATED AGENT **REX C. RAY**

ADDRESS **115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330**

COUNTY NAME  
 PERMIT

06/24/2016

**WEU4**  
**WV 512895**  
**EQT PRODUCTION COMPANY**

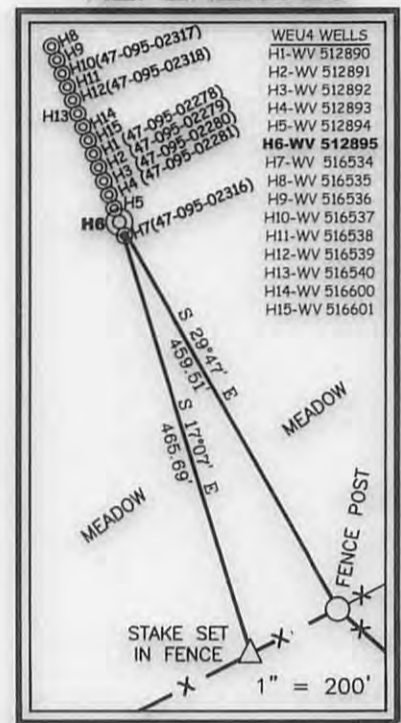
LONGITUDE 80°47'30"

(S.P.C. WV NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD'27 S.P.C.(FT) N. 318,294.32 E. 1,626,601.83  
 NAD'27 GEO. LAT-(N) 39.366370 LONG-(W) 80.815972  
 NAD'83 UTM (M) N. 4,357,458.74 E. 515,456.77  
**LANDING POINT**  
 NAD'27 S.P.C.(FT) N. 318,230.36 E. 1,627,949.80  
 NAD'27 GEO. LAT-(N) 39.366249 LONG-(W) 80.815971  
 NAD'83 UTM (M) N. 4,357,446.12 E. 515,867.75  
**BOTTOM HOLE**  
 NAD'27 S.P.C.(FT) N. 314,282.15 E. 1,629,790.87  
 NAD'27 GEO. LAT-(N) 39.355484 LONG-(W) 80.809256  
 NAD'83 UTM (M) N. 4,356,252.66 E. 516,448.71

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
EE	LESLIE MOORE ET AL	20.25 ACRES±	TM M-23-01
FF	COREY AND ANGELA ELINE	27.5 ACRES±	TM M-23-06

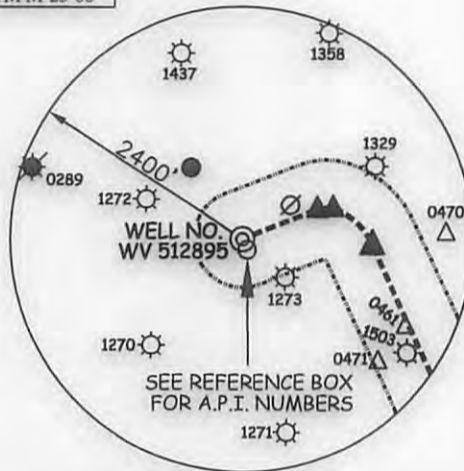
ROYALTY OWNERS		
ROXIE DAVIS ET AL	53 AC.±	LEASE NO. 126208
LUCIA A. ANCONA ET AL	16 AC.±	LEASE NO. 126205
BLACKROCK ENTERPRISES LLC ET AL	30 AC.±	LEASE NO. 126217
BEATRICE BRADY ET AL	47 AC.±	LEASE NO. 126207
HESTER B. BRITTON ET AL	44 AC.±	LEASE NO. 126157
JAMES T. McNULTY ET AL	30 AC.±	LEASE NO. 126279

**REFERENCES**



**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.



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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.



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

DATE SEPTEMBER 03, 20 15  
 REVISED MARCH 03, 20 16  
 OPERATORS WELL NO. WV 512895  
 API WELL NO. 47-095-02351  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7701P512895R2  
 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

COUNTY NAME PERMIT

06/24/2016