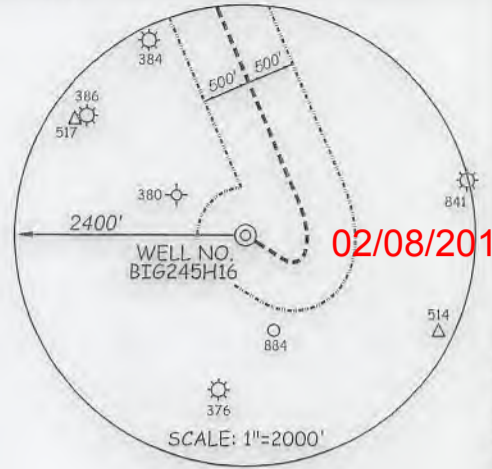


**BIG245**  
**BIG245H16**  
**EQT PRODUCTION COMPANY**

BOTTOM HOLE LATITUDE 39°37'30"

9,879'

TAG	TM-PAR.	SURFACE OWNERS	ACRES
A	G-TM-3-2	JOSEPH F & GAY BLAKE IRREVOCABLE GRANTOR TR.	194 AC
B	G-TM-3-5	COASTAL FOREST RESOURCES CO	179 AC
C	G-TM-3-14	CHARLES STONEKING ET AL	70.50 AC
D	G-TM-3-15	CHARLES STONEKING ET AL	45 AC
E	G-TM-3-16	CHARLES STONEKING ET AL	14.11 AC
F	G-TM-3-18	VIRGINIA RUTH BLAKE	28.75 AC
G	G-TM-3-19	JOSEPH R PERHAC	93.50 AC
H	G-TM-3-23	COASTAL FOREST RESOURCES CO	167.75 AC
I	G-TM-3-24	COASTAL FOREST RESOURCES CO	35.89 AC
J	G-TM-3-25	CHARLES STONEKING ET AL	34.4 AC
K	G-TM-3-26	VIRGINIA RUTH BLAKE	20.69 AC
L	G-TM-3-27	VIRGINIA RUTH BLAKE	45.83 AC
M	G-TM-3-30	THOMAS E & CHERYL A LEASURE	51.80 AC
N	G-TM-3-31	HEARTWOOD FORESTLAND FUND II LP	27.56 AC
O	G-TM-3-34	MIKE & MADELINE WHITE	30.6 AC
P	G-TM-8-1	DANNY STOCKSLAGER ET AL	170 AC
Q	G-TM-8-2	MIKE & MADELINE WHITE	40.13 AC
R	G-TM-8-3	MIKE & MADELINE WHITE	3 AC
S	G-TM-8-7	JAMES E & MARTIN A STONEKING	19.12 AC
T	G-TM-8-8	WANDA L BYARD	59.16 AC
U	G-TM-8-10	GARLAND E MINOR	48.1 AC
V	G-TM-8-11	BONNIE M HENTHORNE	63.50 AC
W	G-TM-8-12	SHIRLEY A TITUS	41.9 AC
X	G-TM-8-12.1	DALE F SAPP	10.1 AC
Y	G-TM-8-14	NEAL UTT	51 AC
Z	G-TM-8-15	JOHN MICHAEL BYARD	71.60 AC
AA	G-TM-8-21	IKEY JOE WILLEY	76.27 AC
BB	G-TM-8-22	ET BLUEGRASS LLC, C/O EQT PRODUCTION CO	138.93 AC
CC	G-TM-8-23	DALE K, JAMES L & DONALD J DULANEY	70.81 AC
DD	G-TM-8-25	JAMES ARTHUR YOHO	6.25 AC
EE	G-TM-8-27	JAMES ARTHUR YOHO	21.75 AC
FF	G-TM-8-28	JAMES ARTHUR & FLORENCE YOHO	61 AC
GG	G-TM-8-4	DUANE M GOODRICH	1.625 AC
HH	G-TM-8-5	DUANE M GOODRICH	130 SQ RDS
II	G-TM-8-6	DUANE M GOODRICH	164 SQ RDS
JJ	G-TM-8-13	NEAL UTT	3.75 AC
KK	G-TM-8-13.1	DUANE M GOODRICH	3.56 AC
LL	G-TM-3-28	JOHN & BONNIE RICE	5 AC
MM	C-TM-19-14	JOSEPH R PERHAC	88.5 AC



**NOTES ON SURVEY**

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS 2500 SQ. FT. OR GREATER WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE (SHEET 1) AND TOPO MARK SCALE IS 1" = 2000'.

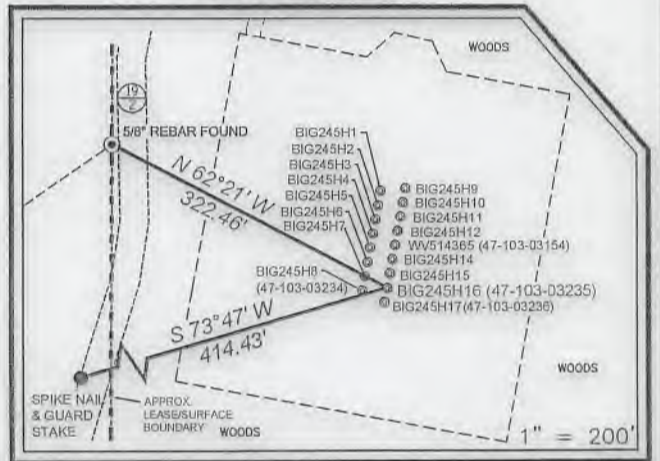
ROYALTY OWNERS		
SHIBEN ESTATES, INC. ET AL.	192 AC.± (150.98)	LEASE NO. 102836
JOSEPH SHIBEN & MINNIE SHIBEN ESTATE ET AL.	1030 AC.±	LEASE NO. 102814

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

NAD'27 S.P.C.(FT)	N. 400,679.42	E. 1,698,777.05
NAD'27 GEO.	LAT-(N) 39.595178	LONG-(W) 80.568946
NAD'83 UTM (M)	N. 4,382,925.493	E. 537,027.237
LANDING POINT		
NAD'27 S.P.C.(FT)	N. 401,033.92	E. 1,699,332.05
NAD'27 GEO.	LAT-(N) 39.596169	LONG-(W) 80.566991
NAD'83 UTM (M)	N. 4,383,036.324	E. 537,194.529
BOTTOM HOLE		
NAD'27 S.P.C.(FT)	N. 407,323.29	E. 1,696,662.17
NAD'27 GEO.	LAT-(N) 39.613348	LONG-(W) 80.576733
NAD'83 UTM (M)	N. 4,384,938.855	E. 536,349.196



**REFERENCES**



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*



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

DATE MAY 1, 2018

REVISED 08/06/18, 11/15/18, 11/30/18

OPERATORS WELL NO. BIG245H16

API WELL NO. 47-103-03235  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500  
FILE NO. 7812PBIG245H16-R3.dwg  
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)  
SCALE SEE NOTE 2

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: GROUND ELEVATION 1483' PROPOSED ELEVATION 1430' WATERSHED ROCKCAMP RUN OF WILLEY FORK DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'

SURFACE OWNER ET BLUE GRASS, LLC ACREAGE 138.93±

ROYALTY OWNER SHIBEN ESTATES, INC ACREAGE 140± LEASE NO. 125397

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 7531'

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

BOTTOM HOLE LONGITUDE 80°32'30" TOP HOLE LONGITUDE 80°32'30"

**BIG245**  
**BIG245H16**  
**EQT PRODUCTION COMPANY**

BOTTOM HOLE LATITUDE 39°37'30"

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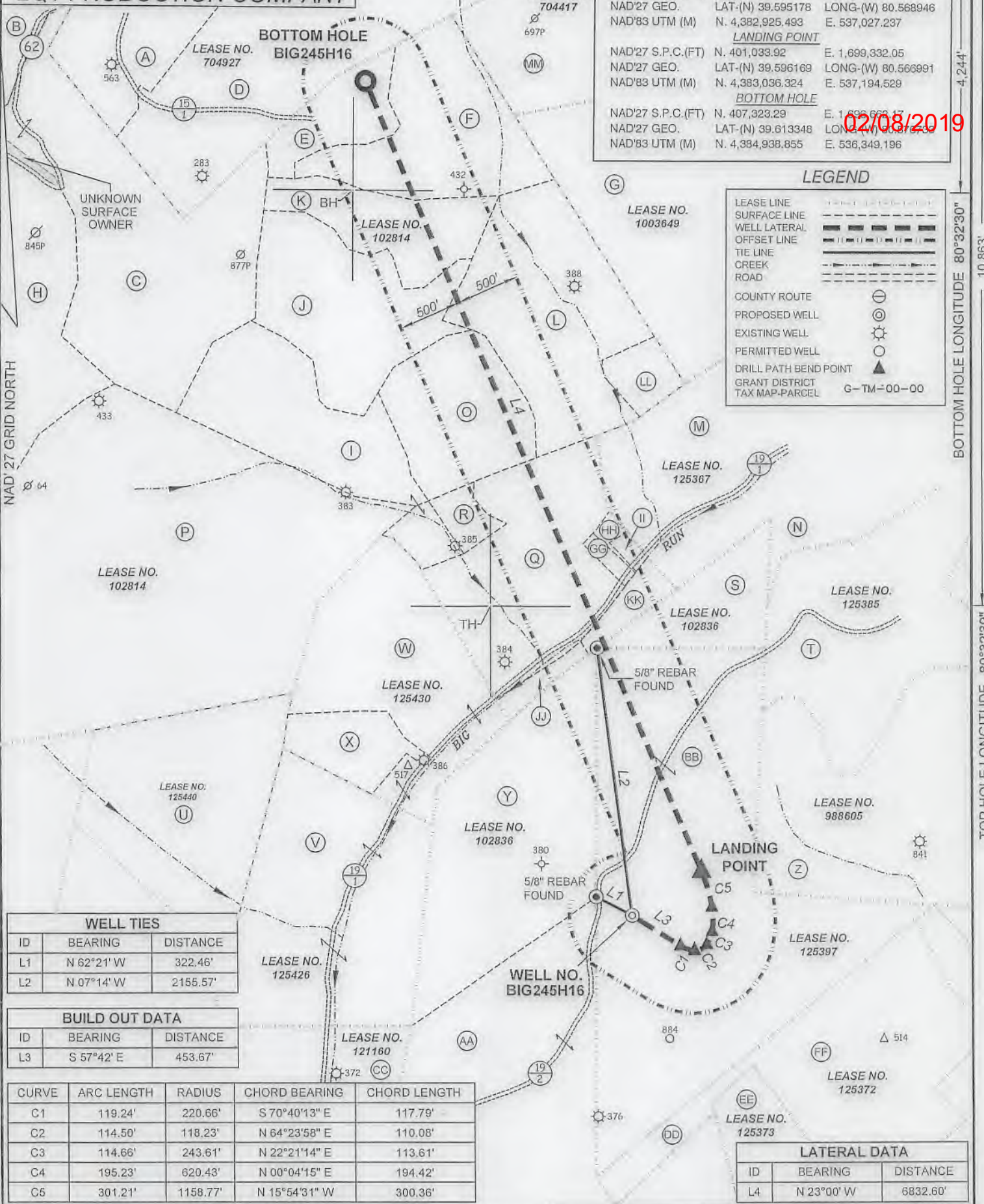
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NAD'83 UTM (M)	N. 4,384,938.855	E. 536,349.196

02/08/2019



**LEGEND**

LEASE LINE	- - - - -
SURFACE LINE	- . - . - . -
WELL LATERAL	— — — — —
OFFSET LINE	- - - - -
TIE LINE	- - - - -
CREEK	- - - - -
ROAD	- - - - -
COUNTY ROUTE	⊖
PROPOSED WELL	⊙
EXISTING WELL	⊗
PERMITTED WELL	⊘
DRILL PATH BEND POINT	▲
GRANT DISTRICT TAX MAP-PARCEL	G-TM-00-00

**WELL TIES**

ID	BEARING	DISTANCE
L1	N 62°21' W	322.46'
L2	N 07°14' W	2155.57'

**BUILD OUT DATA**

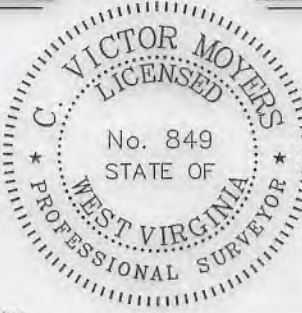
ID	BEARING	DISTANCE
L3	S 57°42' E	453.67'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	119.24'	220.66'	S 70°40'13" E	117.79'
C2	114.50'	118.23'	N 64°23'58" E	110.08'
C3	114.66'	243.61'	N 22°21'14" E	113.61'
C4	195.23'	620.43'	N 00°04'15" E	194.42'
C5	301.21'	1158.77'	N 15°54'31" W	300.36'

**LATERAL DATA**

ID	BEARING	DISTANCE
L4	N 23°00' W	6832.60'

**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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
FILE NO. 7812PBIG245H16-R3.dwg SCALE 1"=1000'  
DATE MAY 1, 20 18  
REVISED 08/06/18, 11/15/18, 11/30/18  
OPERATORS WELL NO. BIG245H16

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P.S. 849 C. Victor Moyers

API WELL NO. 47 - 103 - MOD 03235  
STATE COUNTY PERMIT

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

WELL OPERATOR EQT PRODUCTION COMPANY  
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

DESIGNATED AGENT JASON RANSON  
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

BOTTOM HOLE LONGITUDE 80°32'30" 10,863' TOP HOLE LONGITUDE 80°32'30"