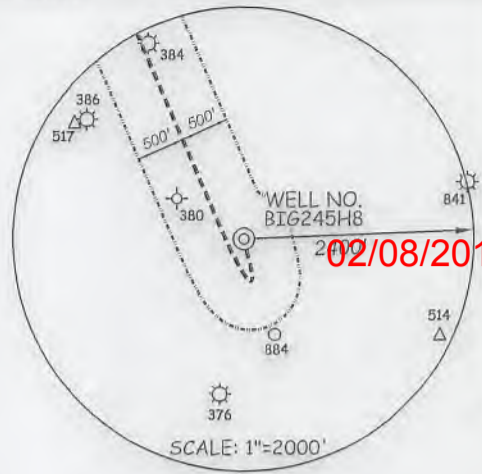


**BIG245
BIG245H8
EQT PRODUCTION COMPANY**

BOTTOM HOLE LATITUDE 39°37'30"

10,572'

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-3-34	MIKE & MADELINE WHITE	30.6 AC.
O	G-TM-8-1	DANNY STOCKSLAGER ET AL	170 AC.
P	G-TM-8-2	MIKE & MADELINE WHITE	40.13 AC.
Q	G-TM-8-3	MIKE & MADELINE WHITE	3 AC.
R	G-TM-8-7	JAMES E & MARTIN A STONEKING	19.12 AC.
S	G-TM-8-8	WANDA L BYARD	59.16 AC.
T	G-TM-8-10	GARLAND E MINOR	48.1 AC.
U	G-TM-8-11	BONNIE M HENTHORNE	63.50 AC.
V	G-TM-8-12	SHIRLEY A TITUS	41.9 AC.
W	G-TM-8-12.1	DALE F SAPP	10.1 AC.
X	G-TM-8-14	NEAL UTT	51 AC.
Y	G-TM-8-15	JOHN MICHAEL BYARD	71.60 AC.
Z	G-TM-8-21	IKEY JOE WILLEY	76.27 AC.
AA	G-TM-8-22	ET BLUEGRASS LLC, C/O EQT PRODUCTION CO	138.93 AC.
BB	G-TM-8-23	DALE K, JAMES L & DONALD J DULANEY	70.81 AC.
CC	G-TM-8-25	JAMES ARTHUR YOHO	6.25 AC.
DD	G-TM-8-27	JAMES ARTHUR YOHO	21.75 AC.
EE	G-TM-8-28	JAMES ARTHUR & FLORENCE YOHO	61 AC.
FF	G-TM-8-4	DUANE M GOODRICH	1.625 AC.
GG	G-TM-8-5	DUANE M GOODRICH	130 SQ RDS
HH	G-TM-8-6	DUANE M GOODRICH	164 SQ RDS
II	G-TM-8-13	NEAL UTT	3.75 AC.
JJ	G-TM-8-13.1	DUANE M GOODRICH	3.56 AC.
KK	G-TM-3-28	JOHN & BONNIE RICE	5 AC.
LL	C-TM-19-14	JOSEPH R PERHAC	88.5 AC.

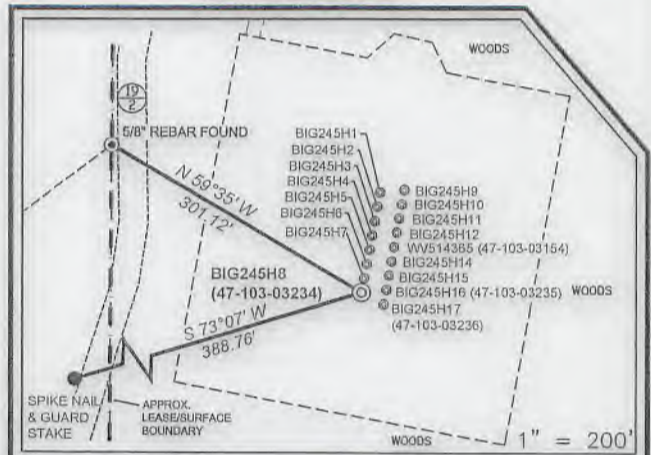


NOTES ON SURVEY

- 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.± (160.96)	LEASE NO. 102836
JOSEPH SHIBEN & MINNIE SHIBEN ESTATE ET AL.	1030 AC.±	LEASE NO. 102914

REFERENCES



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

NAD'27 S.P.C. (FT)	N. 400,676.62	E. 1,698,751.10
NAD'27 GEO.	LAT-(N) 39.595169	LONG-(W) 80.569038
NAD'83 UTM (M)	N. 4,382,924.508	E. 537,019.345
LANDING POINT		
NAD'27 S.P.C. (FT)	N. 400,741.06	E. 1,698,533.00
NAD'27 GEO.	LAT-(N) 39.595339	LONG-(W) 80.569914
NAD'83 UTM (M)	N. 4,382,943.030	E. 536,952.572
BOTTOM HOLE		
NAD'27 S.P.C. (FT)	N. 406,795.66	E. 1,695,962.97
NAD'27 GEO.	LAT-(N) 39.611876	LONG-(W) 80.579192
NAD'83 UTM (M)	N. 4,384,774.543	E. 536,138.951



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, 20 18

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

OPERATORS WELL NO. BIG245H8

API WELL NO. 47-103-03234
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812PBIG245H8-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 PROPOSED ELEVATION 1485' 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±

PROPOSED WORK: LEASE NO. 125397

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" COUNTY NAME PERMIT

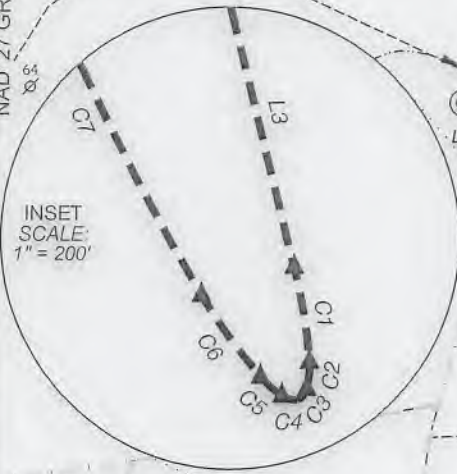
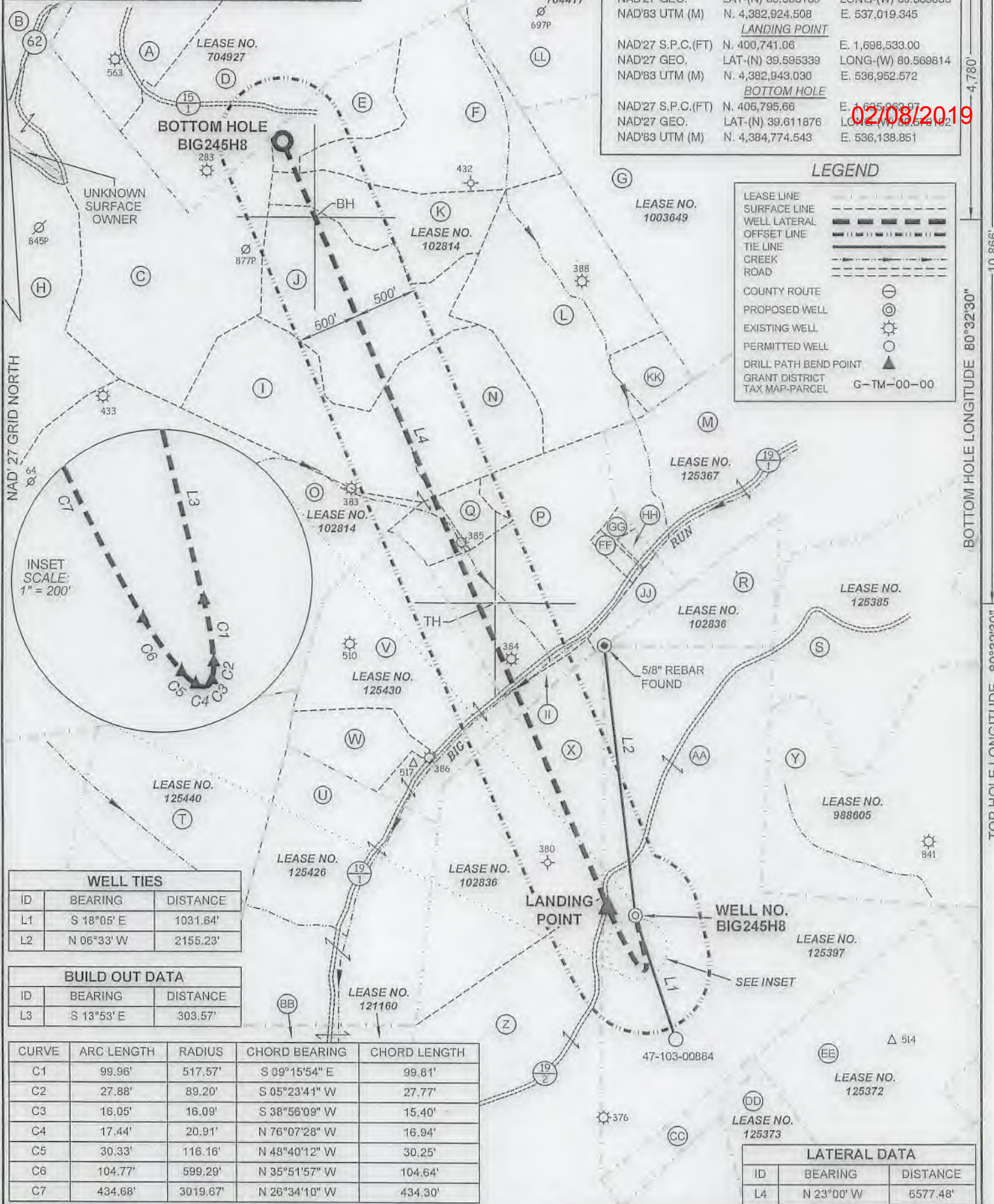
BIG245
BIG245H8
EQT PRODUCTION COMPANY

BOTTOM HOLE LATITUDE 39°37'30"

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

NAD'27 S.P.C.(FT)	N. 400,676.62	E. 1,698,751.10
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BOTTOM HOLE		
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NAD'27 GEO.	LAT-(N) 39.611876	LONG-(W) 80.562492
NAD'83 UTM (M)	N. 4,384,774.543	E. 536,188.851

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	S 18°05' E	1031.64'
L2	N 06°33' W	2155.23'

BUILD OUT DATA

ID	BEARING	DISTANCE
L3	S 13°53' E	303.57'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	99.96'	517.57'	S 09°15'54" E	99.81'
C2	27.88'	89.20'	S 05°23'41" W	27.77'
C3	16.05'	16.09'	S 38°56'09" W	15.40'
C4	17.44'	20.91'	N 76°07'28" W	16.94'
C5	30.33'	116.16'	N 48°40'12" W	30.25'
C6	104.77'	599.29'	N 35°51'57" W	104.64'
C7	434.68'	3019.67'	N 26°34'10" W	434.30'

LATERAL DATA

ID	BEARING	DISTANCE
L4	N 23°00' W	6577.48'

SLS
Land & Energy Development
Solutions from the ground up.
P.O. Box 150 • 12 Vanhook Drive • Glenville, WV 26351 • (304) 462-5834
www.slsurveys.com



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 FILE NO. 7812PBIG245H8-R3.dwg SCALE 1"=1000'
 DATE MAY 1, 2018
 REVISED 08/06/18, 11/15/18, 11/30/18
 OPERATORS WELL NO. BIG245H8

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P.S. 849 *C. Victor Moyers*

API WELL NO. 47-103-03234
 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"
 TOP HOLE LONGITUDE 80°32'30"
 COUNTY NAME
 PERMIT