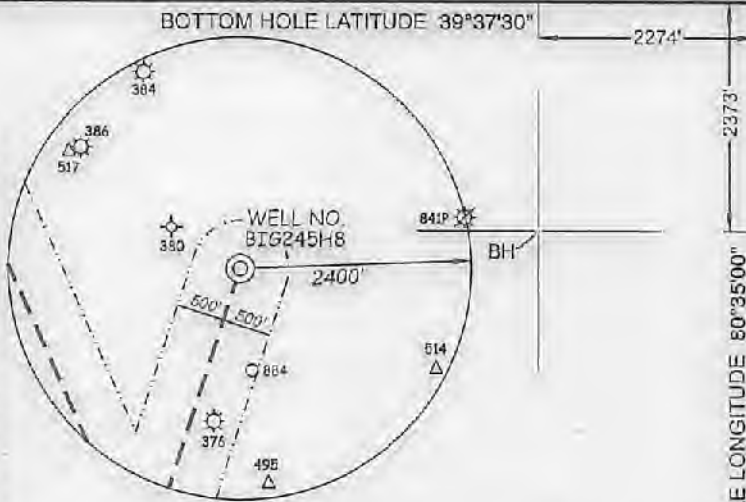


**BIG245**  
**BIG245H8**  
**EQT PRODUCTION COMPANY**

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-3-6	VIRGINIA RUTH BLAKE	5 3/4 AC.
D	G-TM-3-10	CHARLES STONEKING ET AL.	3 3/4 AC.
E	G-TM-3-11	VIRGINIA RUTH BLAKE	2.6 AC.
F	G-TM-3-13	EDWARD LEE DULANEY, II	164 3/4 AC.
G	G-TM-3-14	CHARLES STONEKING ET AL.	70 1/2 AC.
H	G-TM-3-15	CHARLES STONEKING ET AL.	45 AC.
I	G-TM-3-15	CHARLES STONEKING ET AL.	14.11 AC.
J	G-TM-3-18	VIRGINIA RUTH BLAKE	28.75 AC.
K	G-TM-3-23	COASTAL FOREST RESOURCES CO U/E H & M DULANEY	167 3/4 AC.
L	G-TM-3-24	COASTAL FOREST RESOURCES CO U/E H & M DULANEY	35.80 AC.
M	G-TM-3-25	CHARLES STONEKING ET AL.	34.4 AC.
N	G-TM-3-25	VIRGINIA RUTH BLAKE	20.60 AC.
O	G-TM-3-27	VIRGINIA RUTH BLAKE	45.83 AC.
P	G-TM-3-30	THOMAS E & CHERYL A LEASURE	51.80 AC.
Q	G-TM-3-31	HEARTWOOD FORESTLAND FUND II LP	27.56 AC.
R	G-TM-3-34	MIKE & MADELINE WHITE	30.6 AC.
S	G-TM-7-3	COASTAL FOREST RESOURCES CO	176 AC.
T	G-TM-7-32	COASTAL FOREST RESOURCES CO	166.98 AC.
U	G-TM-8-1	DANNY STOCKSLAGER ET AL.	170 AC.
V	G-TM-8-2	MIKE & MADELINE WHITE	40.13 AC.
W	G-TM-8-3	MIKE & MADELINE WHITE	3 AC.
X	G-TM-8-4	DUANE M GOODRICH	1.58 AC.
Y	G-TM-8-5	DUANE M GOODRICH	130 SQ RDS
Z	G-TM-8-6	DUANE M GOODRICH	164 SQ RDS
AA	G-TM-8-7	JAMES C & MARTIN A STONEKING	19.12 AC.
BB	G-TM-8-8	WANDA L BYARD	59.16 AC.
CC	G-TM-8-10	GARLAND E MINOR	40.1 AC.
DD	G-TM-8-11	BONNIE M HENTHORNE	68 1/2 AC.
EE	G-TM-8-12	SHIRLEY A TITUS	41.9 AC.
FF	G-TM-8-12.1	DALE F SAPP U/E LOIA J SAPP	10.1 AC.
GG	G-TM-8-13	NEAL UTT	3.34 AC.
HH	G-TM-8-13.1	DUANE M GOODRICH	3.58 AC.
II	G-TM-8-14	NEAL UTT	51 AC.
JJ	G-TM-8-15	JOHN MICHAEL BYARD	71.80 AC.
KK	G-TM-8-18	COASTAL FOREST RESOURCES	337 AC.
LL	G-TM-8-19	PHILLIP & KIMBERLY BRENT	46.45 AC.
MM	G-TM-8-21	IKEY JOE WILLEY	78.27 AC.
NN	G-TM-8-22	ET BLUEGRASS LLC, C/O EQT PRODUCTION CO	138.93 AC.
OO	G-TM-8-23	DALE K, JAMES L & DONALD J DULANEY	70.81 AC.
PP	G-TM-8-23.1	JAMES L DULANEY	3.19 AC.
QQ	G-TM-8-25	JAMES ARTHUR YOHO	5.25 AC.

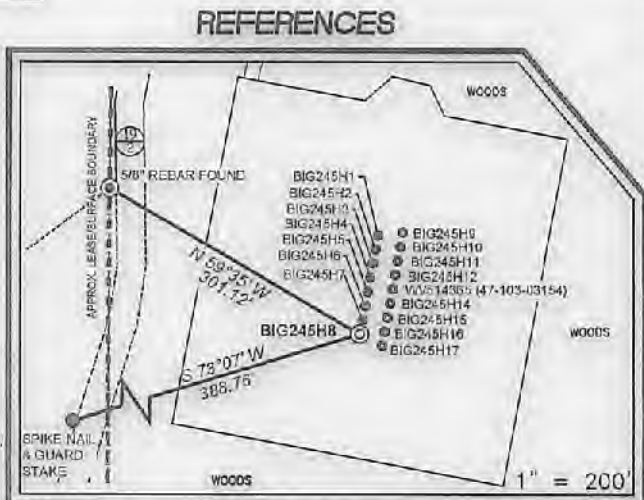


SUBSURFACE AGREEMENT		
IKEY JOE WILLEY	78.27 AC.±	G-TM-8-21
ROYALTY OWNERS		
ACROPOLIS INC. ET AL.	74 AC.±	LEASE NO. 121160
BONNIE M. HENTHORNE	64 AC.±	LEASE NO. 125428
GARLAND E. MINOR ET AL.	49 AC.±	LEASE NO. 125440
JOSEPH SHIBEN & MINNIE SHIBEN ESTATE ET AL.	1030 AC.±	LEASE NO. 102814
SHIBEN ESTATES INC. ET AL.	109 AC.±	LEASE NO. 102813

TAG	TM-PAR.	SURFACE OWNERS	ACRES
RR	G-TM-8-27	JAMES ARTHUR YOHO	21.75 AC.
SS	G-TM-8-28	JAMES ARTHUR YOHO	81 AC.
TT	G-TM-8-38	DALE K & SHERRY L DULANEY	28.92 AC.
UU	G-TM-8-39	DORN H HIGGINBATHAM ET AL	25.62 AC.
VV	G-TM-8-53	DORN H HIGGINBOTHAM ET AL	196.21 AC.
WW	G-TM-8-24	DORN H HIGGINBOTHAM ET AL	7.1 AC.
XX	G-TM-8-30	JAMES & JIM YOHO	7.50 AC.
YY		FRANKLIN M. BLAKE HEIRS AND/OR ASSIGNS	3.25 AC.

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD27 S.P.C.(FT) N. 400,676.52 E. 1,698,751.10  
 NAD27 GEO. LAT.(N) 39.595169 LONG.(W) 80.569038  
 NAD83 UTM (M) N. 4,392,624.508 E. 587,019.345  
**LANDING POINT**  
 NAD27 S.P.C.(FT) N. 399,566.93 E. 1,696,859.81  
 NAD27 GEO. LAT.(N) 39.592051 LONG.(W) 80.575701  
 NAD83 UTM (M) N. 4,392,576.793 E. 593,446.765  
**BOTTOM HOLE**  
 NAD27 S.P.C.(FT) N. 409,244.96 E. 1,692,551.51  
 NAD27 GEO. LAT.(N) 39.618487 LONG.(W) 80.581496  
 NAD83 UTM (M) N. 4,395,503.371 E. 535,097.068

- 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 ARE 1" = 2000'.



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www.slsinc.com

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 MAY 1, 20 18  
 REVISED \_\_\_\_\_  
 OPERATORS WELL NO. BIG245H8  
 API WELL NO. 47-103-03234  
 STATE WV COUNTY WETZEL PERMIT \_\_\_\_\_

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812PBIG245H8.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  INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: GROUND PROPOSED  
 ELEVATION 1486' 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± **08/03/2018**

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 7532

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°35'00" TOP HOLE LONGITUDE 80°32'30"

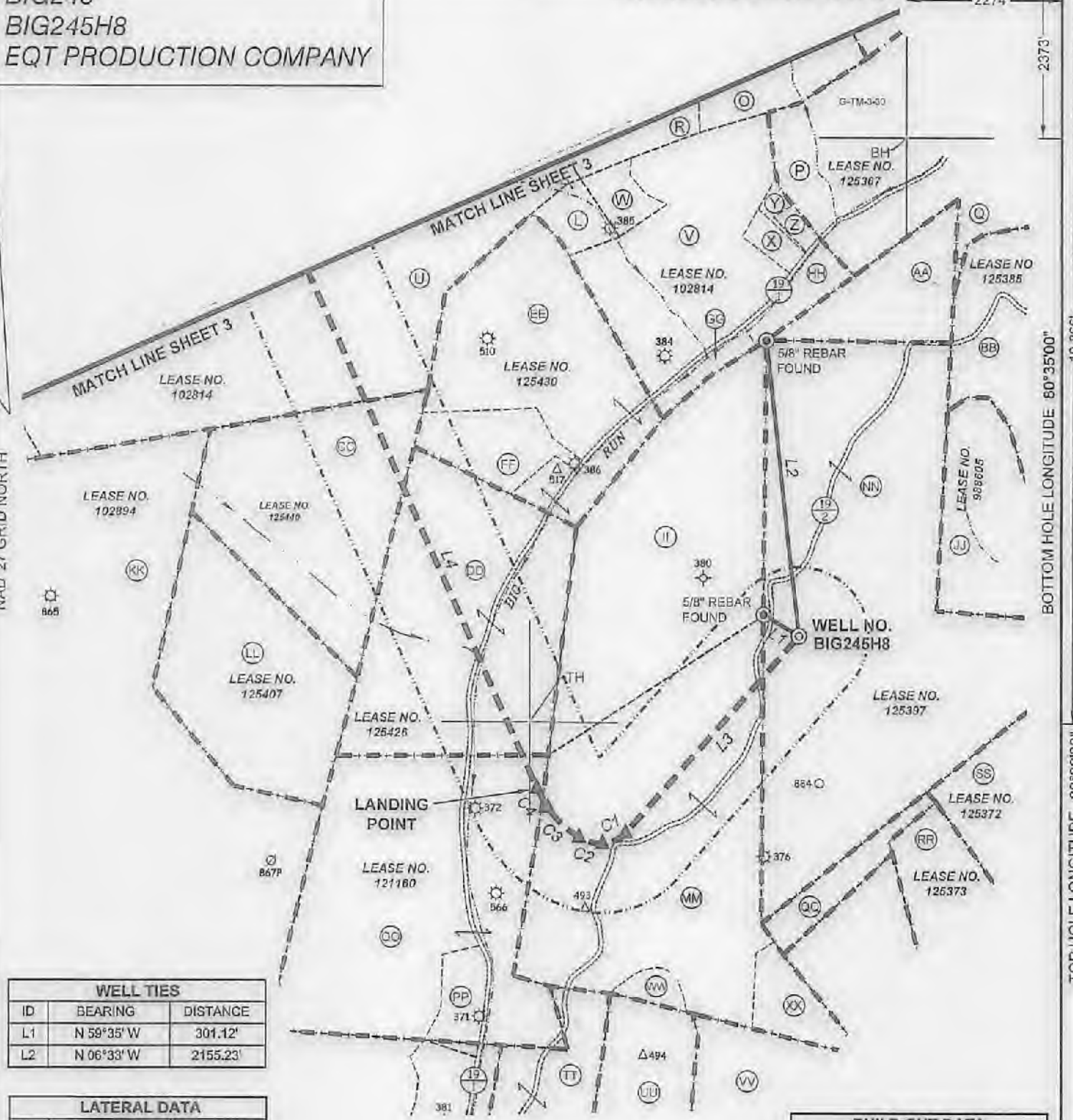
**BIG245**  
**BIG245H8**  
**EQT PRODUCTION COMPANY**

NAD'27 GRID NORTH

BOTTOM HOLE LONGITUDE 60°35'00"

10,865'

TOP HOLE LONGITUDE 80°32'30"



WELL TIES		
ID	BEARING	DISTANCE
L1	N 59°35' W	301.12'
L2	N 06°33' W	2155.23'

LATERAL DATA		
ID	BEARING	DISTANCE
L4	N 24°00' W	10,593.67'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	S 41°16' W	1901.03'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	188.51'	226.16'	S 64°23'31" W	183.10'
C2	178.60'	331.91'	N 75°15'10" W	176.45'
C3	313.42'	657.69'	N 46°20'44" W	310.46'
C4	159.32'	907.89'	N 28°59'37" W	159.12'

P.O. Box 150 • 12 Vanhorn Drive • Glasgow, WV 26033 • (304) 492-5534  
 www.slsurveys.com

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

NAD'27 S.P.C. (FT)	N. 400,873.82	E. 1,698,751.10
NAD'27 GEC.	LAT. (N) 39.595169	LONG. (W) 80.569038
NAD'83 UTM (M)	N. 4,382,924.508	E. 537,019.345
<b>LANDING POINT</b>		
NAD'27 S.P.C. (FT)	N. 399,586.93	E. 1,696,859.81
NAD'27 GEC.	LAT. (N) 39.592081	LONG. (W) 80.575701
NAD'83 UTM (M)	N. 4,382,576.793	E. 536,448.765
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C. (FT)	N. 403,244.96	E. 1,692,551.51
NAD'27 GEC.	LAT. (N) 39.618487	LONG. (W) 80.581405
NAD'83 UTM (M)	N. 4,385,503.371	E. 535,037.068



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

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

SCALE 1" = 1000' FILE NO. 7612PBIG245H8.dwg  
 DATE MAY 1, 2018  
 REVISED \_\_\_\_\_  
 OPERATORS WELL NO. BIG245H8  
 API WELL NO. 47  
 STATE COUNTY PERMIT

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

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

COUNTY NAME PERMIT

08/03/2018

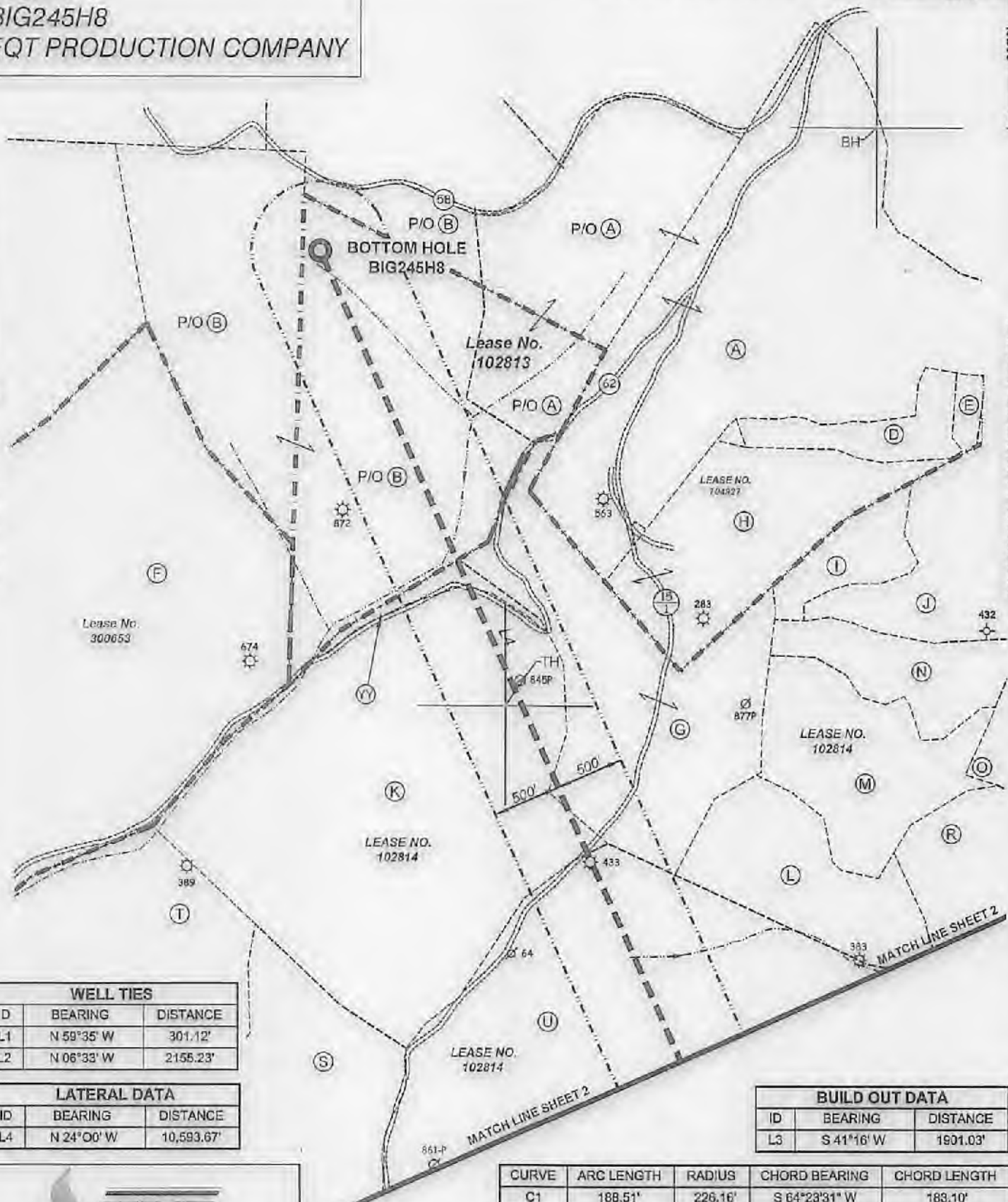
**BIG245**  
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**EQT PRODUCTION COMPANY**

NAD 27 GRID NORTH

BOTTOM HOLE LONGITUDE 80°35'00"

10,866'

TOP HOLE LONGITUDE 80°32'30"



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