

BIG245
BIG245H5
EQT PRODUCTION COMPANY

BOTTOM HOLE LATITUDE 39°37'30"

2348' BH

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-3-5	VIRGINIA RUTH BLAKE	5.75 AC.
D	G-TM-3-10	CHARLES STONEKING ET AL.	9.75 AC.
E	G-TM-3-11	VIRGINIA RUTH BLAKE	2.5 AC.
F	G-TM-3-13	EDWARD LEE DULANEY, II	164.3/4 AC.
G	G-TM-3-14	CHARLES STONEKING ET AL.	70.50 AC.
H	G-TM-3-15	CHARLES STONEKING ET AL.	45 AC.
I	G-TM-3-16	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	167.75 AC.
L	G-TM-3-24	COASTAL FOREST RESOURCES CO	35.89 AC.
M	G-TM-3-25	CHARLES STONEKING ET AL.	34.4 AC.
N	G-TM-3-26	VIRGINIA RUTH BLAKE	20.89 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	178 AC.
T	G-TM-7-3/2	COASTAL FOREST RESOURCES CO	156.98 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	1.625 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 E & 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	48.1 AC.
DD	G-TM-8-11	BONNIE M HENTHORNE	63 1/2 AC.
EE	G-TM-8-12	SHIRLEY A TITUS	41.9 AC.
FF	G-TM-8-12.1	DALE F SAPP L/E, LOLA J SAPP	10.1 AC.
GG	G-TM-8-13	NEAL UTT	3.75 AC.
HH	G-TM-8-13.1	DUANE M GOODRICH	3.56 AC.
II	G-TM-8-14	NEAL UTT	51 AC.
JJ	G-TM-8-15	JOHN MICHAEL BYARD	71.60 AC.
KK	G-TM-8-18	COASTAL FOREST RESOURCES CO.	337 AC.
LL	G-TM-8-19	PHILLIP & KIMBERLY BRENT	46.45 AC.
MM	G-TM-8-21	IKEY JOE WILLEY	76.27 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	6.25 AC.



03/08/2019

SUBSURFACE AGREEMENT		
IKEY JOE WILLEY	76.27 AC.±	G-TM-08-21
ROYALTY OWNERS		
STONE HILL MINERAL HOLDINGS, LLC ET AL.	60 AC.±	LEASE NO. 121807
ACROPOLIS, INC ET AL.	80 AC.±	LEASE NO. 121160
BONNIE M. HENTHORNE	64 AC.±	LEASE NO. 125426
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	61 AC.
TT	G-TM-8-38	DALE K & SHERRY L DULANEY	28.82 AC.
UU	G-TM-8-39	DORN H HIGGINBOTHAM ET AL	23.82 AC.
VV	G-TM-8-53	DORN H HIGGINBOTHAM ET AL	196.21 AC.
VVW	G-TM-8-38.1	JAMES L DULANEY	137 AC.
XX	G-TM-8-37	JAMES L & KAREN DULANEY	14.1 AC.
YY	G-TM-8-36	JAMES L & KAREN DULANEY	14.1 AC.
ZZ	G-TM-8-30	JAMES & JIM YOHO	7.50 AC.
AAA		FRANKLIN M. BLAKE HEIRS AND/OR ASSIGNS	3.25 AC.
BBB	G-TM-8-24	DORN H HIGGINBOTHAM ET AL	7.1 AC.

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

NAD'27 S.P.C.(FT) N. 400,720.86 E. 1,698,759.33
 NAD'27 GEO. LAT-(N) 39.595291 LONG-(W) 80.569010
 NAD'83 UTM (M) N. 4,382,938.028 E. 537,021.629

LANDING POINT

NAD'27 S.P.C.(FT) N. 398,606.93 E. 1,696,546.72
 NAD'27 GEO. LAT-(N) 39.589415 LONG-(W) 80.576772
 NAD'83 UTM (M) N. 4,382,282.723 E. 536,358.248

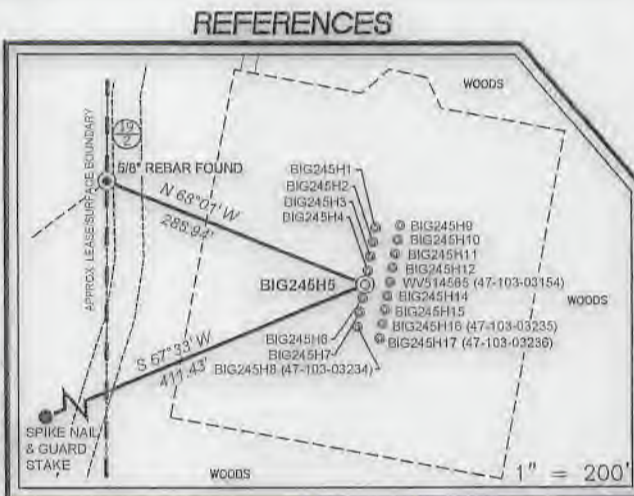
BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 408,221.19 E. 1,692,465.41
 NAD'27 GEO. LAT-(N) 39.615674 LONG-(W) 80.591667
 NAD'83 UTM (M) N. 4,385,191.028 E. 535,066.030



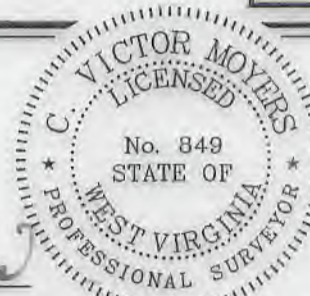
NOTES ON SURVEY

- 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'.



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 MARCH 6, 20 18

REVISED 10/31/18, 11/30/18

OPERATORS WELL NO. BIG245H5

API WELL NO. 47-103-03266
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 7812PBIG245H5-R2.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 ELEV. 1483' PROPOSED ELEV. 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: 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 BRIDGEPORT, WV 26330 P.O. BOX 280 ADDRESS 115 PROFESSIONAL PLACE BRIDGEPORT, WV 26330 P.O. BOX 280

3397' BH
10.822'
BOTTOM HOLE LONGITUDE 80°35'00"
TOP HOLE LONGITUDE 80°32'30"

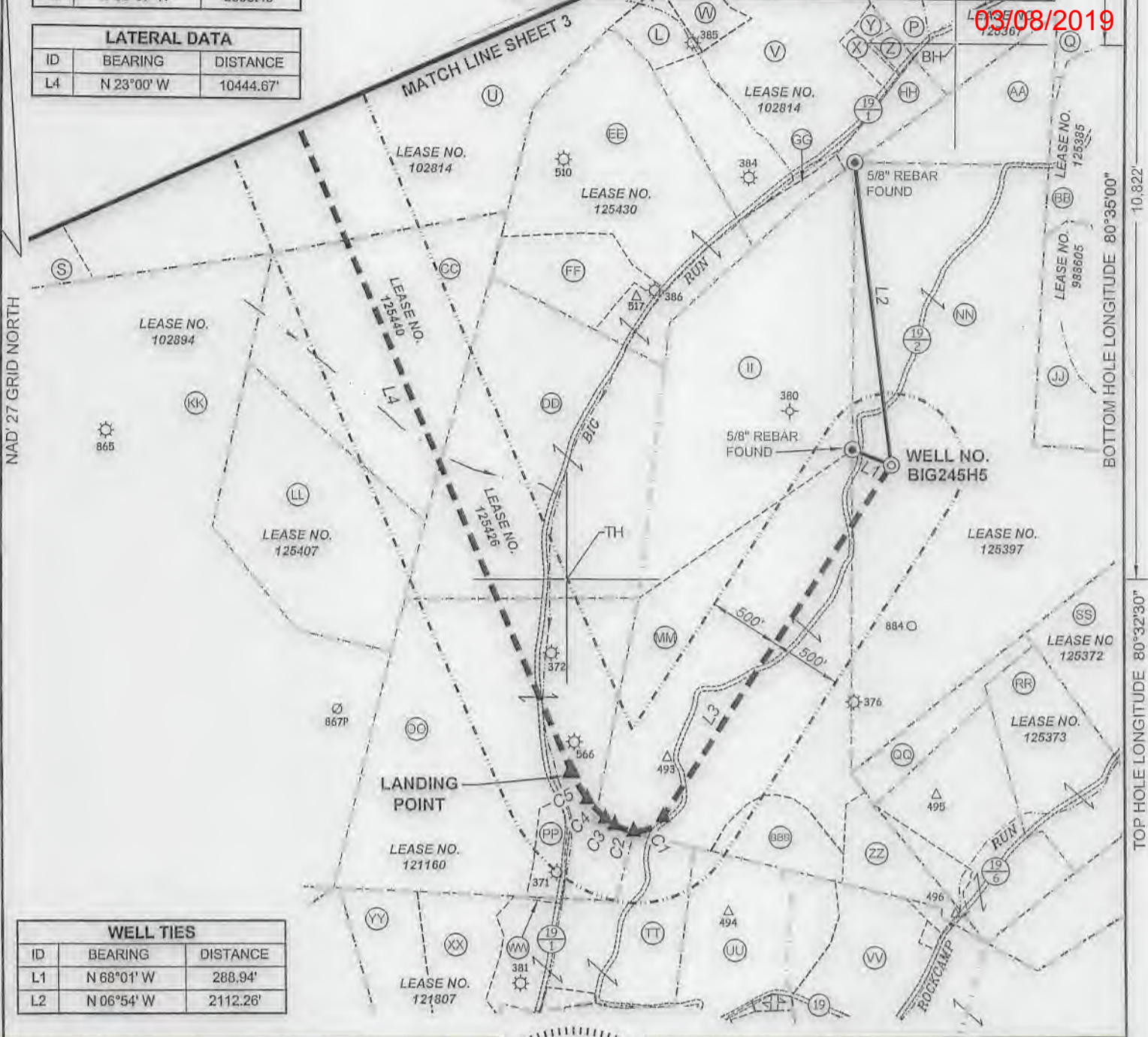
BIG245
BIG245H5
EQT PRODUCTION COMPANY

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	S 33°07' W	2896.49'

LATERAL DATA		
ID	BEARING	DISTANCE
L4	N 23°00' W	10444.67'

BUILD OUT DATA				
CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	238.73'	209.37'	S 63°57'53" W	226.01'
C2	139.82'	332.53'	N 70°52'08" W	138.79'
C3	80.43'	509.23'	N 55°12'24" W	80.34'
C4	180.04'	715.96'	N 43°09'46" W	179.56'
C5	217.47'	935.75'	N 29°31'21" W	216.98'

03/08/2019



WELL TIES		
ID	BEARING	DISTANCE
L1	N 68°01' W	288.94'
L2	N 06°54' W	2112.26'



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 FILE NO. 7812PBIG245H5-R2.dwg SCALE 1"=1000'
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 OPERATORS WELL NO. BIG245H5

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P.S. 849 *C. Victor Moyers*

API WELL NO. 47 - 103 - 03266
 STATE COUNTY PERMIT

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

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)			
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LEGEND	
COUNTY ROUTE	⊖
PROPOSED WELL	⊙
EXISTING WELL	⊛
PERMITTED WELL	○
DRILL PATH BEND POINT	△
GRANT DISTRICT TAX MAP-PARCEL	G-TM-00-00
LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	----
OFFSET LINE	----
TIE LINE	----
CREEK	----
ROAD	----

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

DESIGNATED AGENT JASON RANSON
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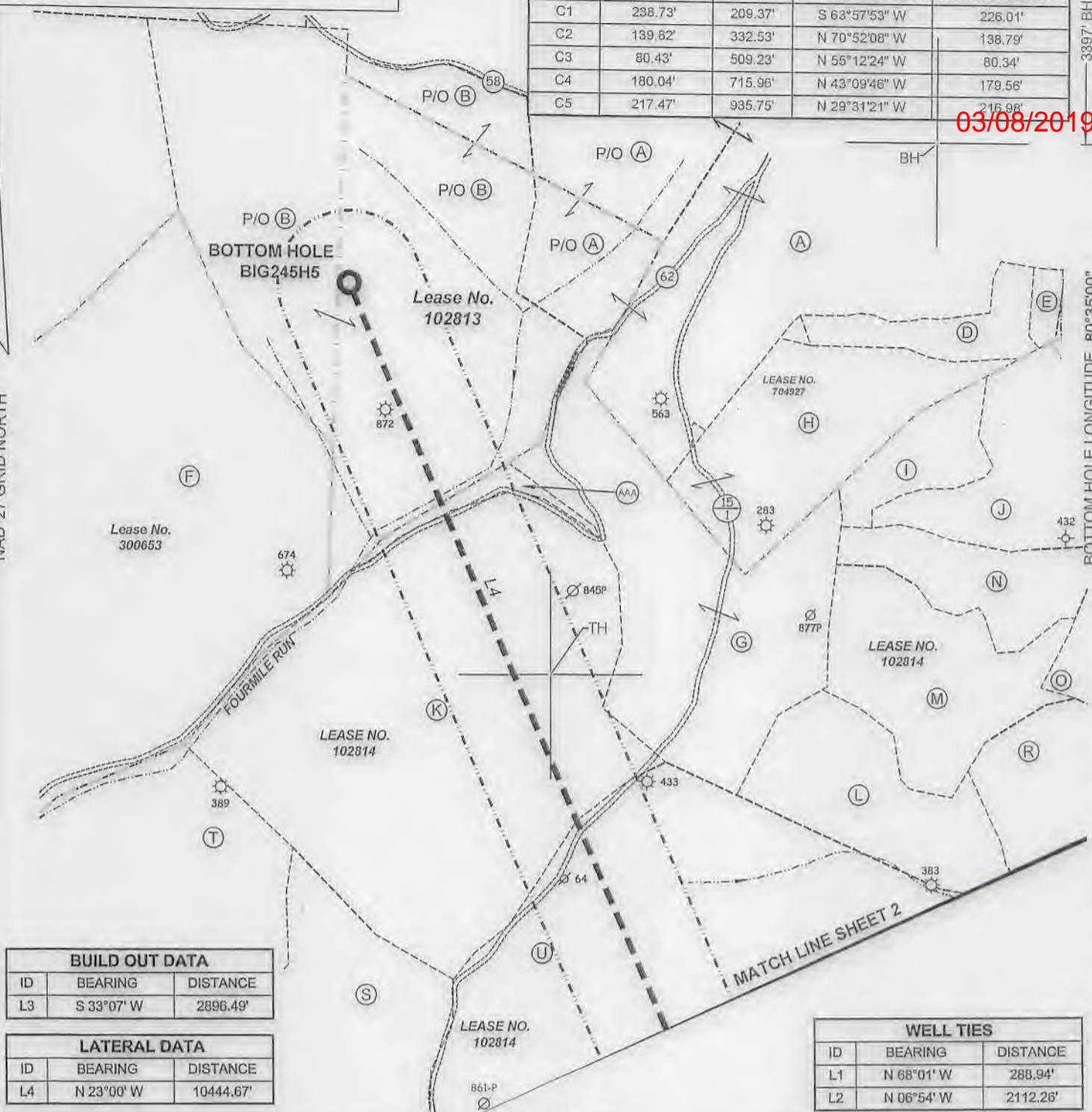
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NAD'27 GRID NORTH

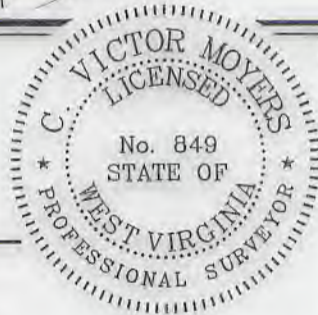
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LEGEND

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PROPOSED WELL	⊙	SURFACE LINE	- - - -
EXISTING WELL	⊛	WELL LATERAL	—
PERMITTED WELL	⊙	OFFSET LINE	- - - -
DRILL PATH BEND POINT	△	TIE LINE	—
GRANT DISTRICT TAX MAP-PARCEL	G-TM-00-00	CREEK	—
		ROAD	—

COUNTY NAME PERMIT

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