

BIG177H15
BIG177
EQT PRODUCTION COMPANY

BOTTOM HOLE LATITUDE 39°37'30"

4,551'

TH

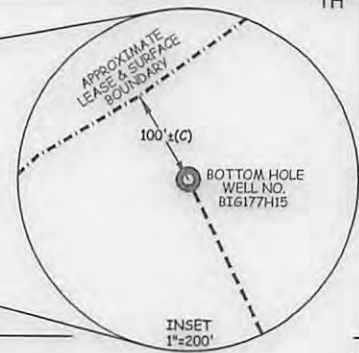
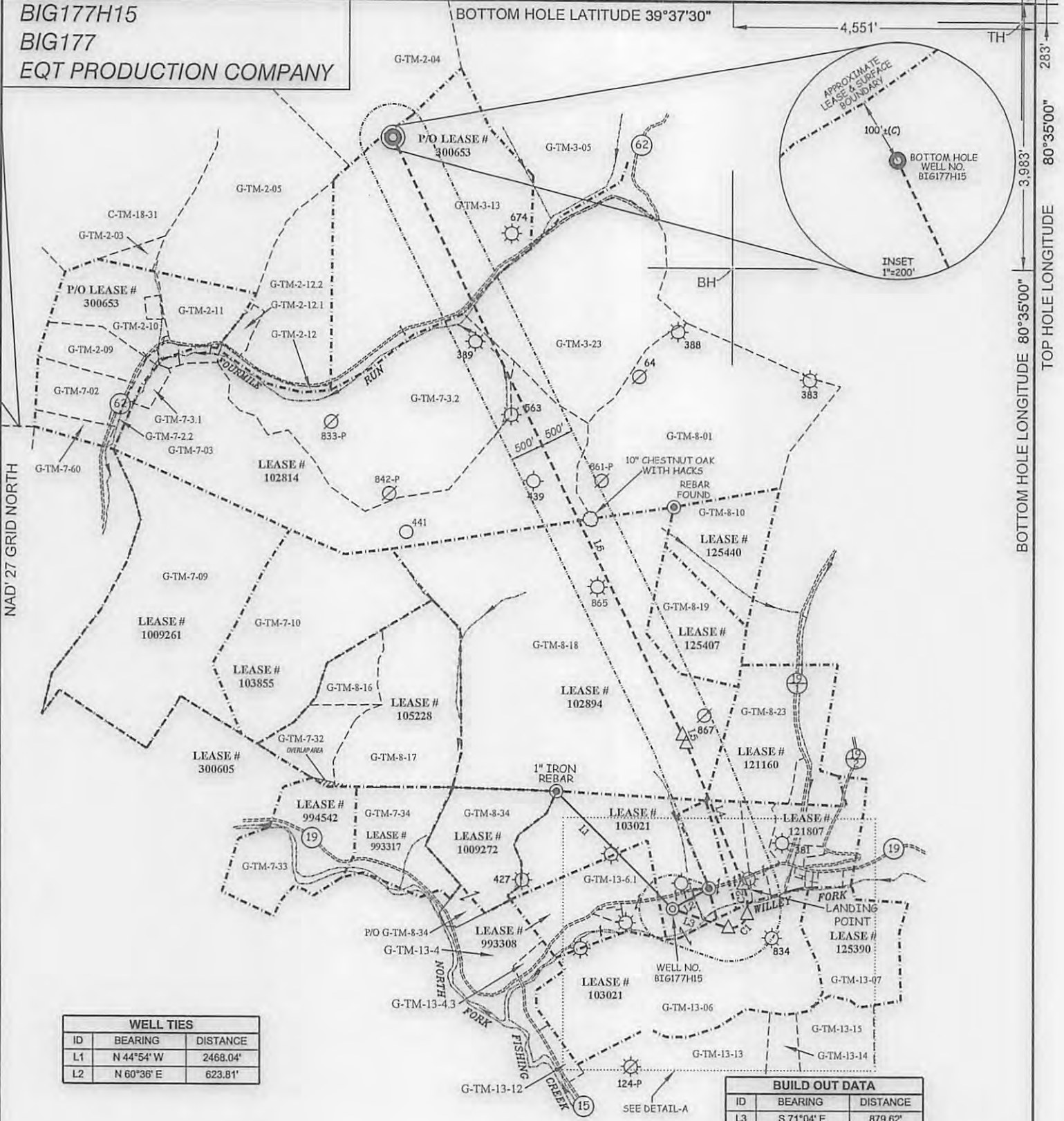
283'

80°35'00"

TOP HOLE LONGITUDE

BOTTOM HOLE LONGITUDE 80°35'00"

NAD 27 GRID NORTH



WELL TIES		
ID	BEARING	DISTANCE
L1	N 44°54' W	2468.04'
L2	N 60°36' E	623.81'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	S 71°04' E	879.62'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	380.91'	265.42'	N 54°31'55" E	349.05'
C2	454.84'	864.84'	N 07°43'18" W	449.62'

LATERAL DATA		
ID	BEARING	DISTANCE
L4	N 21°56' W	2281.20'
L5	N 23°59' W	136.25'
L6	N 26°02' W	9932.67'
TOTAL LATERAL DIST.		12,350.12'

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Land & Energy Development
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 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26031 • (304) 462-5634
 www.slsurveys.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 396,134.07 E. 1,694,465.38
 NAD'27 GEO. LAT-(N) 39.582558 LONG-(W) 80.584050
 NAD'83 UTM (M) N. 4,381,518.733 E. 535,736.680

LANDING POINT
 NAD'27 S.P.C.(FT) N. 396,496.86 E. 1,695,521.32
 NAD'27 GEO. LAT-(N) 39.583589 LONG-(W) 80.580320
 NAD'83 UTM (M) N. 4,381,634.642 E. 536,056.549

BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 407,662.87 E. 1,690,255.12
 NAD'27 GEO. LAT-(N) 39.614086 LONG-(W) 80.599488
 NAD'83 UTM (M) N. 4,385,009.607 E. 534,395.466



(+) 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
CENTER DISTRICT TAX MAP-PARCEL	C-TM-00-00

SCALE 1" = 2000' FILE NO. 6806PBIG177H15R.dwg
 DATE MAY 4, 20 17
 REVISED 8/7/17

OPERATORS WELL NO. BIG177H15
 API WELL NO. 47-103-03191
 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 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280
 BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

09/01/2011

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EQT PRODUCTION COMPANY

BOTTOM HOLE LATITUDE 39°37'30"

4,551'

TH

283'

3,983'

BOTTOM HOLE LONGITUDE 80°35'00"

COUNTY NAME

PERMIT

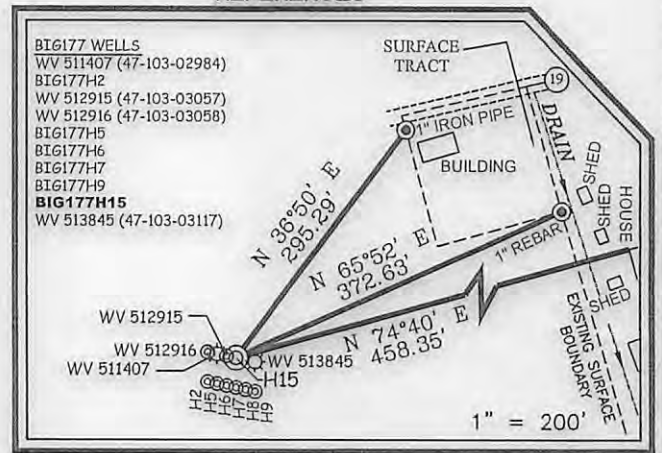
SURFACE OWNERS

G-TM-2-03	DALE K. DULANEY ET UX	5.57 ACRES±	G-TM-7-33	JOHN R. & ROSA MARGELLEA COOK	20 ACRES±
G-TM-2-04	JOHN C. COMER ET UX	104.00 ACRES±	G-TM-7-34	KENNETH & LORRAINE WILDMAN	44.60 ACRES±
G-TM-2-05	EDWIN L. DULANEY ET UX	104.00 ACRES±	G-TM-7-60	CODY N. & WALTER N., JR. NORRIS	10 ACRES±
G-TM-2-09	ROBERT W. DULANEY	22.87 ACRES±	G-TM-8-16	O. J. & MINNIE M. WYATT HEIRS	31.89 ACRES±
G-TM-2-10	HARLEY R. DULANEY	38 ACRES±	G-TM-8-17	KENNETH & LORRAINE WILDMAN	67 ACRES±
G-TM-2-10.1	TEORA L. & SANDRA J. DULANEY	1.53 ACRES±	G-TM-8-18	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	337 ACRES±
G-TM-2-10.2	ROBERT W. DULANEY	.45 ACRES±			
G-TM-2-10.3	ROBERT W. DULANEY	.09 ACRES±			
G-TM-2-10.4	HARLEY R. DULANEY	0.130 ACRES±	G-TM-8-19	PHILLIP & KIMBERLY SHREVE	46.45 ACRES±
G-TM-2-11	EDWIN LEO & LINDA L. DULANEY	26.4 ACRES±	G-TM-8-23	DALE DULANEY ET AL	70.81 ACRES±
G-TM-2-12	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	3.63 ACRES±	G-TM-8-34	HALLIE HARDBARGER	54.01 ACRES±
			G-TM-8-35	DEBORAH FRONCZEK ET AL	15.5 ACRES±
G-TM-2-12.1	TEORA L. & SANDRA DULANEY	4.72 ACRES±	G-TM-8-36	JAMES L. & KAREN DULANEY	14.1 ACRES±
G-TM-2-12.2	TEORA & SANDRA DULANEY	66.64 ACRES±	G-TM-8-37	JAMES L. & KAREN DULANEY	14.1 ACRES±
G-TM-2-13	ROBERT W. DULANEY	2.14 ACRES±	G-TM-8-38	DALE K. & SHARON L. DULANEY	28.82 ACRES±
G-TM-2-14	TEORA L. & SANDRA J. DULANEY	498 ACRES±	G-TM-8-43	JUDY K. UITT	3.25 ACRES±
G-TM-2-15	TEORA L. & SANDRA J. DULANEY	1.023 ACRES±	G-TM-8-58	HIGGINS CHAPEL CHURCH OF CHRIST	0.99 ACRES±
G-TM-2-16	TEORA L. DULANEY	3.187 ACRES±	G-TM-8-64	MARY EASTHAM ET AL	1.45 ACRES±
G-TM-3-05	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	179.00 ACRES±	G-TM-8-65	IKBY & TINA WILLEY	2.15 ACRES±
			G-TM-8-66	EQM GATHERING OPOC LLC	0.42 ACRES±
G-TM-3-13	EDWARD L. DULANEY II	164.75 ACRES±	G-TM-13-4	JEFF, VIRGIL, JR. & DONNAH WILLEY	26.80 ACRES±
			G-TM-13-4.3	JEFFERY L. WILLEY	3.35 ACRES±
G-TM-3-23	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	167.75 ACRES±	G-TM-13-06	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	217.19 ACRES±
G-TM-7-02	ROBERT W. DULANEY	19.43 ACRES±	G-TM-13-07	MANSEL McDIFFITT ET AL	51.8 ACRES±
G-TM-7-2.1	HARLEY R. DULANEY, JR.	2 ACRES±	G-TM-13-12	LESLIE & MIRACLE SUSAN LYDICK	15.02 ACRES±
G-TM-7-2.2	CODY N. & WALTER N., JR. NORRIS	2.43 ACRES±	G-TM-13-13	LEEMAN E. & LINDA L. DUNN	67.5 ACRES±
G-TM-7-03	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	178 ACRES±	G-TM-13-14	LEEMAN E. & LINDA L. DUNN	12.5 ACRES±
G-TM-7-3.1	ROBERT W. DULANEY	4 ACRES±	G-TM-13-15	ROBERT COLE ET AL.	27.75 ACRES±
G-TM-7-3.2	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	156.98 ACRES±	C-TM-18-29	BERNARD LEE, JR. & EVELYN M. YOHO	372.90 ACRES±
			C-TM-18-31	JAMES L. DULANEY, (L/E) DONALD & OLIVE DULANEY	130.19/32 ACRES±
G-TM-7-9	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	170.875 ACRES±			
G-TM-7-10	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	120 ACRES±			
G-TM-7-32	STELLA & LEEK POSTLETHWAIT ET AL	44.60 ACRES±			

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. SEE REFERENCE BOX FOR DWELLING WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE (SHEET 3) AND TOPO MARK SCALE IS 1" = 2000'.

REFERENCES



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

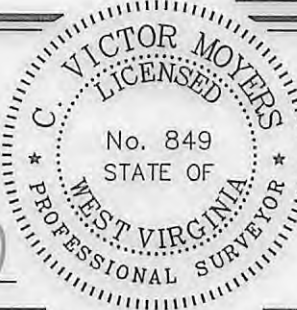
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I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 849

C. Victor Moyers



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

DATE MAY 4, 20 17
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 OPERATORS WELL NO. BIG177H15
 API WELL NO. 47-103-03191
 STATE WV COUNTY WETZEL PERMIT 09/01/2017

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6806PBIG177H15R.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 X LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: PAD ELEVATION 811' WATERSHED WILLEY FORK OF NORTH FORK FISHING CREEK
 DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'
 SURFACE OWNER COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO. ACREAGE 27± OF 217±
 ROYALTY OWNER HIGGINS FAMILY TRUST ACREAGE 242.5
 PROPOSED WORK: LEASE NO. 103021
 DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X 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 6,881'

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