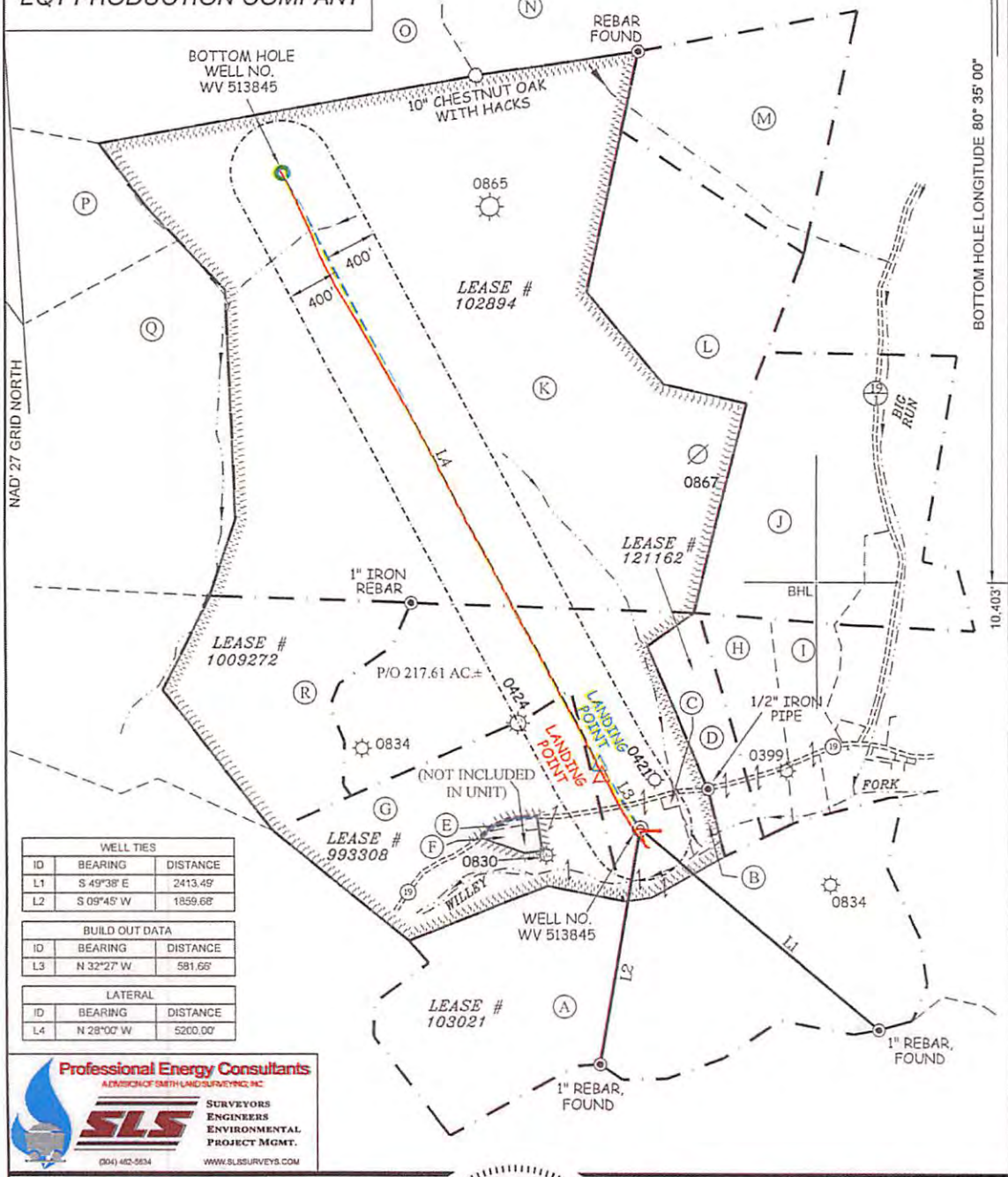


BIG177
WV 513845
EQT PRODUCTION COMPANY

2,998'
 BOTTOM HOLE LATITUDE 39° 37' 30" THL



WELL TIES		
ID	BEARING	DISTANCE
L1	S 49°38' E	2413.45'
L2	S 09°45' W	1859.66'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 32°27' W	581.66'

LATERAL		
ID	BEARING	DISTANCE
L4	N 28°00' W	5200.00'

Professional Energy Consultants
 A DIVISION OF SMITH LAND SURVEYING, INC.

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 402-5634 WWW.SLSURVEYS.COM

AS DRILLED COORDINATES (BIG177 H16)
 (S.P.C. NORTH ZONE) (UTM/M) ZONE 17 NORTH
 NAD27 S.P.C.(FT) N. 396,130.043 E. 1,694,484.912
 NAD27 GEO. LAT-(N) 39.582547 LONG-(W) 80.542081
 NAD83 UTM (M) N. 4,381,517.607 E. 535,742.652
LANDING POINT
 NAD27 S.P.C.(FT) N. 396,556.17 E. 1,694,212.78
 NAD27 GEO. LAT-(N) 39.583708 LONG-(W) 80.584965
 NAD83 UTM (M) N. 4,381,648.05 E. 535,687.58
BOTTOM HOLE
 NAD27 S.P.C.(FT) N. 401,223.69 E. 1,891,730.38
 NAD27 GEO. LAT-(N) 39.596439 LONG-(W) 80.593073
 NAD83 UTM (M) N. 4,383,055.41 E. 534,877.60

C. VICTOR MOYERS
 LICENSED
 No. 849
 STATE OF
WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 12-06-16

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

LEGEND

LEASE LINE	---
UNIT BOUNDARY	-----
SURFACE LINE	-----
PROPOSED PATH	-----
AS DRILLED PATH	-----
OFFSET LINE	-----
TIE LINE	-----
CREEK	~~~~~
ROAD	-----
COUNTY ROUTE	⊙
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
PLUGGED WELL	⊙
GRANT DISTRICT TAX MAP-PARCEL	G-00-00

SCALE 1" = 1000' FILE NO. 6806AD513845.dwg
 DATE MAY 06, 20 15
 REVISED 08/25/15, 03/04/16, 03/15/16 & 12/06/16
 OPERATORS WELL NO. WV 513845
 API WELL NO. 47 - 103 - 03151H
 STATE COUNTY PERMIT

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

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

07/07/2017

BIG177
WV 513845
EQT PRODUCTION COMPANY

2,998'
 BOTTOM HOLE LATITUDE 39° 37' 30" THL

AS DRILLED COORDINATES
(BIG177 H16)

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 NAD83 UTM (M) N. 4,383,055.41 E. 634,877.60

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ.FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. SEE REFERENCE BOX FOR DISTANCE TO AN EXISTING DWELLING.
3. AS DRILLED INFORMATION PROVIDED BY EQT.

A	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	217.61 ACRES±	TM G-13-06
B	IKEY J. & TINA M. WILLEY	2.15 ACRES±	TM G-08-65
C	EQT GATHERING, LLC.	0.418 ACRES±	TM G-8-66
D	JOHN D. PARKS	15.50 ACRES±	TM G-8-35
E	HIGGINS CHAPEL CHURCH	0.99 ACRES±	TM G-8-58
F	MARY S. EASTHAM ET AL	1.45 ACRES±	TM G-8-64
G	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	55.06 ACRES±	TM G-13-6.1
H	JAMES L. & KAREN DULANEY	14.10 ACRES±	TM G-8-36
I	JAMES L. & KAREN DULANEY	14.10 ACRES±	TM G-8-37
J	DALE DULANEY ET AL	70.81 ACRES±	TM G-8-23
K	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	337 ACRES±	TM G-8-18
L	PHILLIP BRENT SHREVE ET AL.	46.45 ACRES±	TM G-8-19
M	GARLAND MINOR	48.10 ACRES±	TM G-8-10
N	DANNY STOCKSLAGER ET AL.	170 ACRES±	TM G-8-01
O	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	178 ACRES±	TM G-7-03
P	COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY	120 ACRES±	TM G-7-10
Q	LORRAINE S. WILDMAN ET AL.	67 ACRES±	TM G-8-17
R	HALLIE M. HARDBARGER	48.25 ACRES±	TM G-8-34

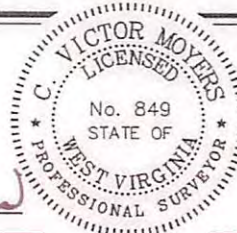
BHL

TOP HOLE LONGITUDE 80° 35' 00" 286'
 BOTTOM HOLE LONGITUDE 80° 35' 00" 10.403'



ROYALTY OWNERS		
COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO. ET AL	57.5 AC.±	LEASE NO. 993308
EQT PRODUCTION COMPANY	300 AC.±	LEASE NO. 102694

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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MAY 06, 20 15
 REVISED 08/25/15, 03/04/16, 03/15/16 & 12/06/16
 OPERATORS WELL NO. WV 513845
 API WELL NO. 47 - 103 - 03151H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6806AD513845.dwg
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)
 SCALE 1" = 1000'

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 809' 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:
 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 POINT PLEASANT
 ESTIMATED DEPTH 12,346'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT EQT PRODUCTION COMPANY
 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

07/07/2017