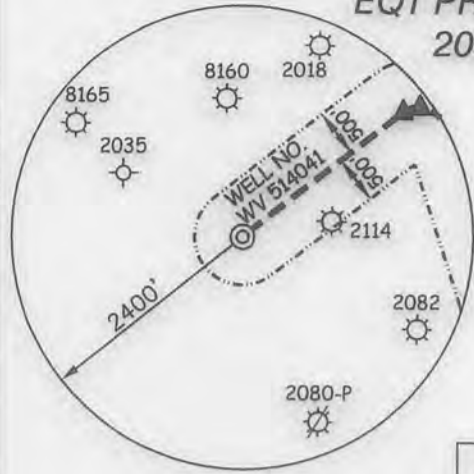


EQT PRODUCTION COMPANY - HALL LEASE
208 ACRES± - WELL NO. WV 514041



NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.

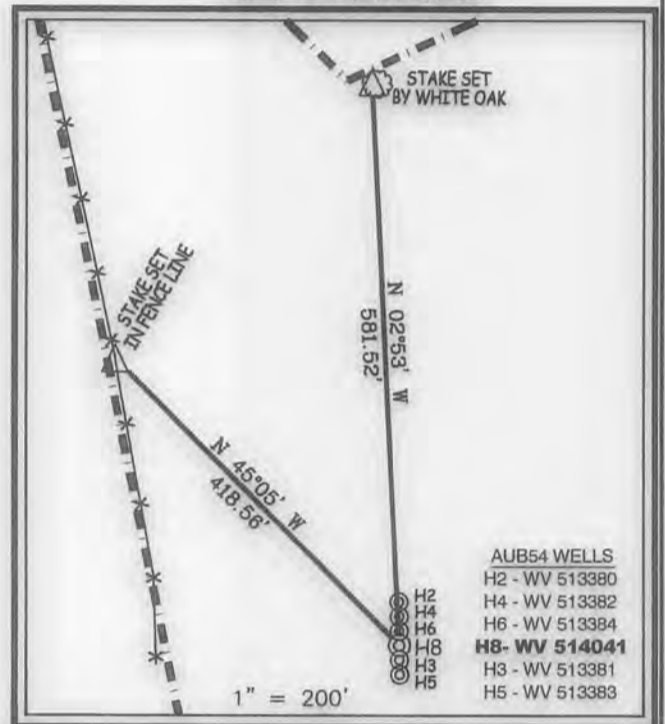
ROYALTY OWNERS		
DONALD SHEETS ET AL	280 AC±	LEASE NO. 988339

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

NAD'27 S.P.C.(FT)	N. 227,255.04	E. 1,615,645.18
NAD'27 GEO.	LAT-(N) 39.115992	LONG-(W) 80.854635
NAD'83 UTM (M)	N. 4,329,668.07	E. 512,581.72
LANDING POINT		
NAD'27 S.P.C.(FT)	N. 228,154.57	E. 1,617,911.58
NAD'27 GEO.	LAT-(N) 39.118555	LONG-(W) 80.846696
NAD'83 UTM (M)	N. 4,329,953.64	E. 513,267.59
BOTTOM HOLE		
NAD'27 S.P.C.(FT)	N. 223,649.57	E. 1,619,375.34
NAD'27 GEO.	LAT-(N) 39.106248	LONG-(W) 80.841301
NAD'83 UTM (M)	N. 4,328,588.68	E. 513,736.42

REFERENCES

A	BRIAN TASCHLER ET AL	200.665 AC±	TM 32-17
B	BRIAN TASCHLER ET AL	3.915 AC±	TM 32-17.2
C	BRIAN TASCHLER ET AL	109.81 AC±	TM 37-04.2
D	ALLEN M. MERRIMAN	12.962 AC±	
E	KIEDASCH & SUMMERS ENTERPRISES	40 AC±	
F	JERRY A. RIDDLE ET AL	130 AC±	
G	GERALDINE LUSK	82.21 AC±	
H	DENSEL R. HALL ET AL	2.41 AC±	
I	RUSSEL S. & CLARA A. BLIZARD	102.4 AC±	
J	VIOLET HARDBARGER	81.3 AC±	
K	BRIAN TASCHLER ET AL	110 AC±	
L	GREGORY ADAMS ET AL	100 AC±	
M	LOUIS J. KOPF	83.776 AC±	
N	NATHANAEL & SHELLY MASON	110.33 AC±	
O	RICHARD E. BLIZARD JR ET AL	43.092 AC±	
P	JANET G. BLIZARD ET AL	55.618 AC±	TM 37-12
Q	WV D.O.H.	0.108 AC±	



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

**SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.**

(204) 462-5634 WWW.SLSURVEYS.COM

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 7.5' TOPOGRAPHIC MAPS.

DATE DECEMBER 17, 20 15

REVISED _____, 20 _____

OPERATORS WELL NO. WV 514041

API WELL NO. 47 - 085 - 10280 ⁴⁶⁴

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7580P514041

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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: GROUND PROPOSED
 ELEVATION 1,216' 1,200' WATERSHED LEFT FORK & BRUSHY FORK OF BONE CREEK

DISTRICT _____ UNION _____ COUNTY RITCHIE QUADRANGLE AUBURN 7.5'

SURFACE OWNER BRIAN TASCHLER ET AL ACREAGE 200.665±

ROYALTY OWNER KAYRON HALL ET AL ACREAGE 208± LEASE NO. 107848

PROPOSED WORK:
 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 TVD 6,603'

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

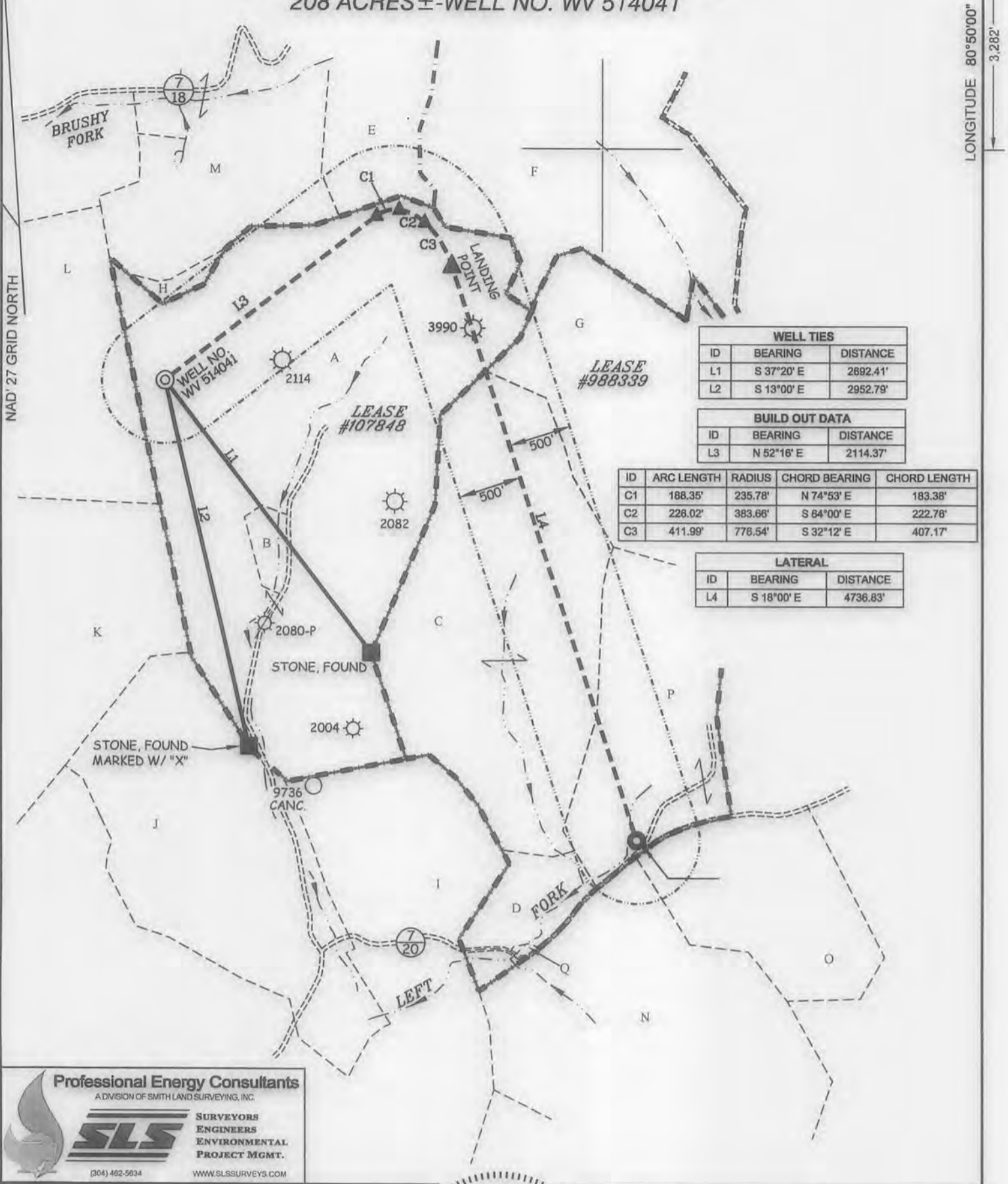
LONGITUDE 80°50'00" 3,282'

COUNTY NAME

PERMIT

06/03/2016

EQT PRODUCTION COMPANY - HALL LEASE
208 ACRES±-WELL NO. WV 514041



WELL TIES		
ID	BEARING	DISTANCE
L1	S 37°20' E	2692.41'
L2	S 13°00' E	2952.79'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 52°16' E	2114.37'

ID	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	188.35'	235.78'	N 74°53' E	183.38'
C2	226.02'	383.66'	S 64°00' E	222.76'
C3	411.99'	776.54'	S 32°12' E	407.17'

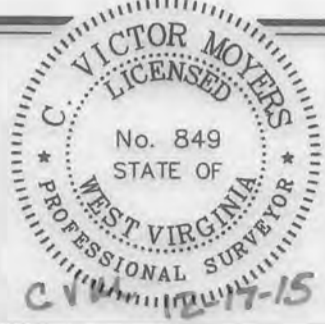
LATERAL		
ID	BEARING	DISTANCE
L4	S 18°00' E	4736.83'

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(+) DENOTES LOCATION OF WELL ON UNITED STATES 7.5' TOPOGRAPHIC MAPS.

LEGEND

LEASE LINE	
SURFACE LINE	
WELL LATERAL	
OFFSET LINE	
TIE LINE	
CREEK	
ROAD	
FENCE LINE	
STATE ROUTE	
COUNTY ROUTE	
PROPOSED WELL	
EXISTING WELL	
PERMITTED WELL	
TAX MAP-PARCEL	00-00

SCALE 1" = 1000'

DATE DECEMBER 17, 2015

REVISED _____, 20_____

OPERATORS WELL NO. WV 514041

API WELL NO. 47 — 085 — 1028040A

NO. STATE COUNTY PERMIT

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

DESIGNATED AGENT REX C. RAY

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