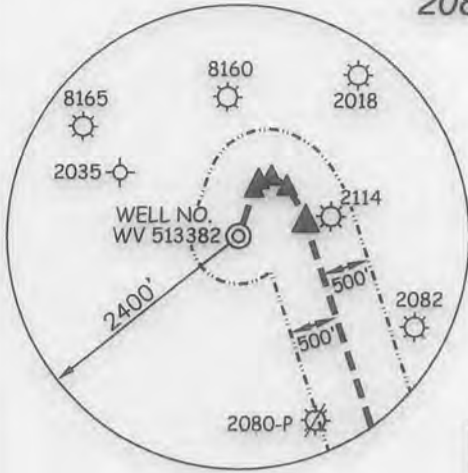


LATITUDE 39°07'30"

EQT PRODUCTION COMPANY - HALL LEASE
208 ACRES± - WELL NO. WV 513382

NOTES ON SURVEY

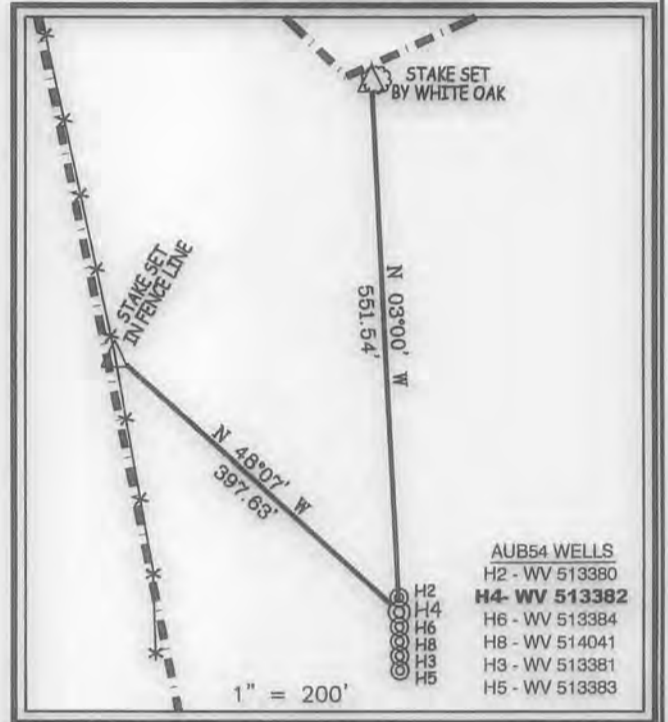
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.



(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)			
NAD'27 S.P.C.(FT)	N. 227,285.04	E. 1,615,644.75	
NAD'27 GEO.	LAT-(N) 39.116074	LONG-(W) 80.854638	
NAD'83 UTM (M)	N. 4,329,677.20	E. 512,581.44	
LANDING POINT			
NAD'27 S.P.C.(FT)	N. 227,429.67	E. 1,616,343.85	
NAD'27 GEO.	LAT-(N) 39.116500	LONG-(W) 80.852182	
NAD'83 UTM (M)	N. 4,329,724.82	E. 512,793.68	
BOTTOM HOLE			
NAD'27 S.P.C.(FT)	N. 224,295.98	E. 1,617,362.05	
NAD'27 GEO.	LAT-(N) 39.107939	LONG-(W) 80.848429	
NAD'83 UTM (M)	N. 4,328,775.35	E. 513,119.80	

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	DENSEL R. HALL ET AL	2.41 AC.±	
D	LOUIS J. KOPF	83.776 AC.±	
E	KIEDASCH & SUMMERS ENTERPRISES	40 AC.±	
F	JERRY A. RIDDLE ET AL	130 AC.±	
G	GERALDINE LUSK	82.21 AC.±	
H	BRIAN TASCHLER ET AL	109.81 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.±	



- AUB54 WELLS**
 H2 - WV 513380
H4 - WV 513382
 H6 - WV 513384
 H8 - WV 514041
 H3 - WV 513381
 H5 - WV 513383

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

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 462-5634
 WWW.SLSSURVEYS.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 513382
 API WELL NO. 47 - 085 - 10278464
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7580P513441R4

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" 3,252'

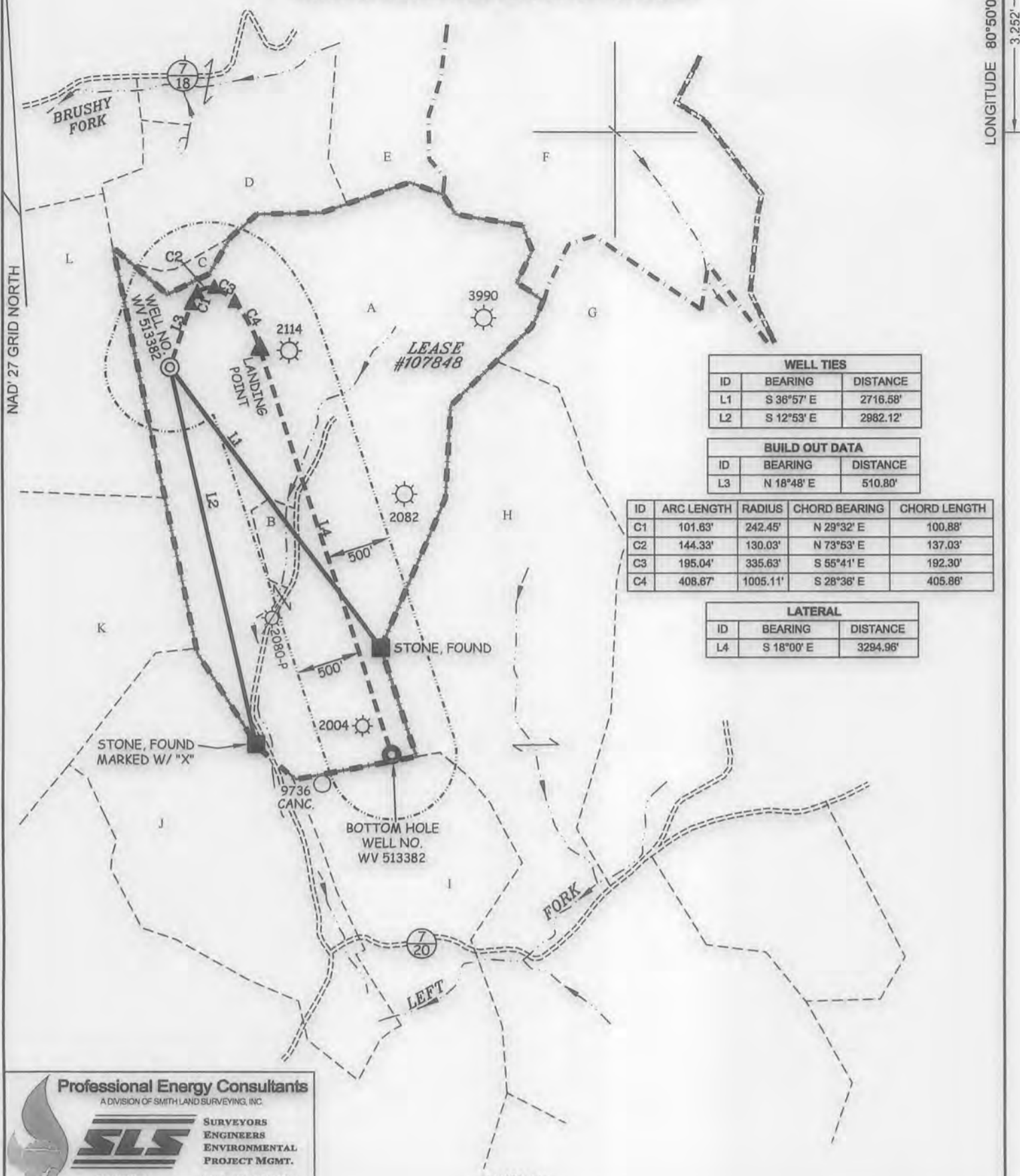
COUNTY RITCHIE PERMIT

06/03/2016

EQT PRODUCTION COMPANY - HALL LEASE
208 ACRES± - WELL NO. WV 513382

NAD'27 GRID NORTH

LONGITUDE 80°50'00"



WELL TIES		
ID	BEARING	DISTANCE
L1	S 36°57' E	2716.58'
L2	S 12°53' E	2982.12'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 18°48' E	510.80'

ID	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	101.63'	242.45'	N 29°32' E	100.88'
C2	144.33'	130.03'	N 73°53' E	137.03'
C3	195.04'	335.63'	S 55°41' E	192.30'
C4	408.67'	1005.11'	S 28°36' E	405.86'

LATERAL		
ID	BEARING	DISTANCE
L4	S 18°00' E	3294.96'

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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 513382

API WELL NO. 47 — 095 — 1027846A

NO. STATE COUNTY PERMIT

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

DESIGNATED AGENT REX C. RAY

ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

WELL OPERATOR EQT PRODUCTION COMPANY

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COUNTY NAME _____ PERMIT _____

06/03/2016