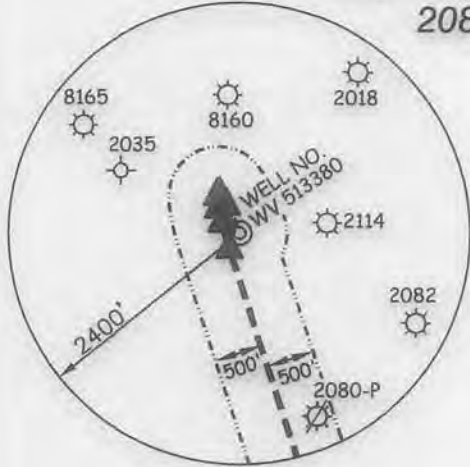


6,046' LATITUDE 39°07'30"

**EQT PRODUCTION COMPANY - HALL LEASE**  
**208 ACRES± - WELL NO. WV 513380**



**NOTES ON SURVEY**

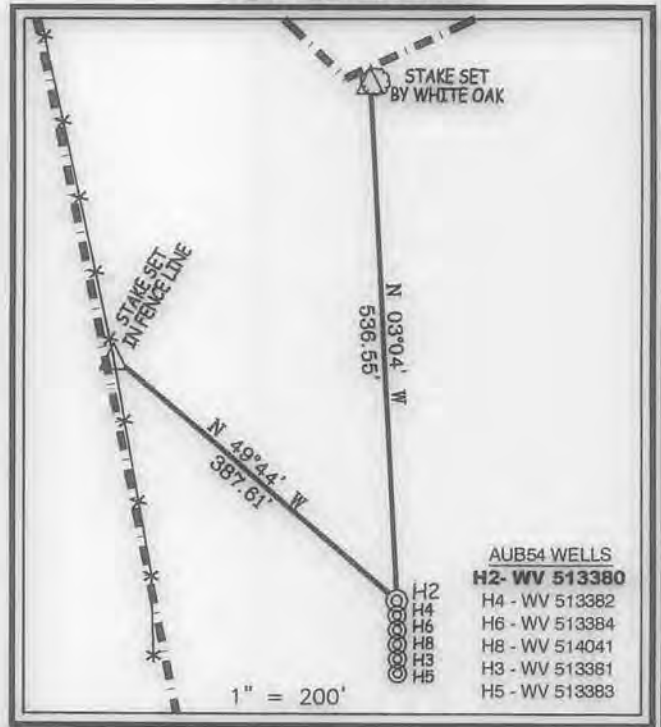
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.

LONGITUDE 80°50'00"  
3,237'

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

NAD'27 S.P.C.(FT)	N. 227,300.04	E. 1,615,644.54
NAD'27 GEO.	LAT-(N) 39.116115	LONG-(W) 80.854640
NAD'83 UTM (M)	N. 4,329,661.77	E. 512,581.29
<b>LANDING POINT</b>		
NAD'27 S.P.C.(FT)	N. 227,140.99	E. 1,615,536.07
NAD'27 GEO.	LAT-(N) 39.115674	LONG-(W) 80.855014
NAD'83 UTM (M)	N. 4,329,632.77	E. 512,549.06
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C.(FT)	N. 224,268.59	E. 1,616,469.32
NAD'27 GEO.	LAT-(N) 39.107827	LONG-(W) 80.851573
NAD'83 UTM (M)	N. 4,328,762.47	E. 512,847.97

**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±	

**Professional Energy Consultants**  
 A DIVISION OF SMITH LAND SURVEYING, INC.  
  
**SURVEYORS ENGINEERS ENVIRONMENTAL PROJECT MGMT.**  
 (304) 462-5934 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 513380  
 API WELL NO. 47-085-10277 H6A  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7580P513380R2

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 1,215' 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±

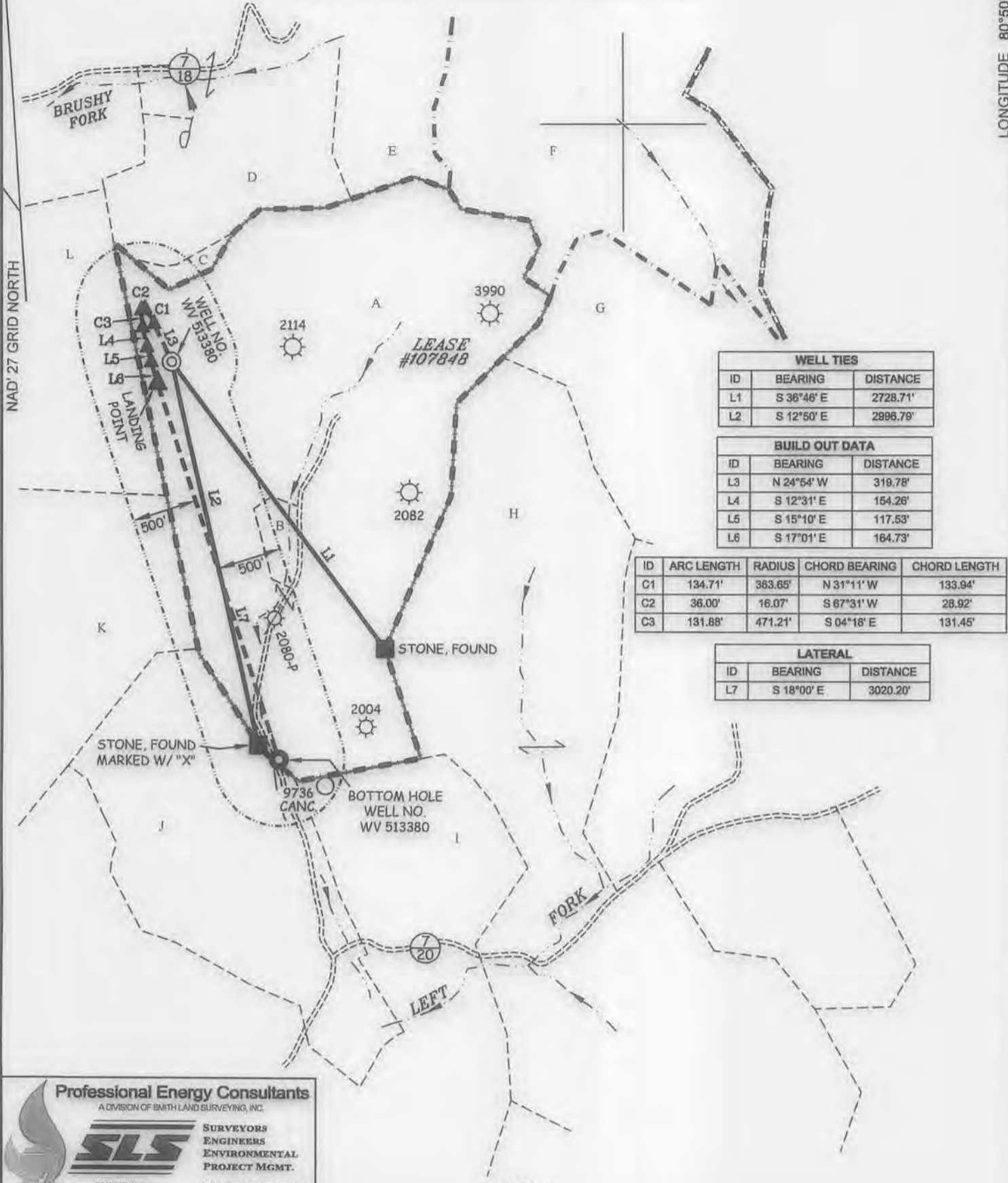
PROPOSED WORK:  
 DRILL X CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_ OTHER \_\_\_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 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

COUNTY NAME PERMIT

06/03/2016

**EQT PRODUCTION COMPANY - HALL LEASE**  
**208 ACRES± - WELL NO. WV 513380**



WELL TIES		
ID	BEARING	DISTANCE
L1	S 36°46' E	2728.71'
L2	S 12°50' E	2898.79'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 24°54' W	319.78'
L4	S 12°31' E	164.26'
L5	S 15°10' E	117.53'
L6	S 17°01' E	164.73'

ID	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	134.71'	363.65'	N 31°11' W	133.94'
C2	36.00'	16.07'	S 67°31' W	28.92'
C3	131.88'	471.21'	S 04°18' E	131.45'

LATERAL		
ID	BEARING	DISTANCE
L7	S 18°00' E	3020.20'

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**ENGINEERS**  
**ENVIRONMENTAL**  
**PROJECT MGMT.**  
 (304) 462-5634 WWW.SLSURVEYS.COM

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**VICTOR MOYERS**  
 LICENSED  
 No. 849  
 STATE OF  
 WEST VIRGINIA  
 PROFESSIONAL SURVEYOR  
 C.V.M. 12-17-15

(+) 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 513380

API WELL NO. 47 - 085 - 1027746A

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

COUNTY 9ME PERMIT

06/03/2016