

OXF164
WV 516819
EQT PRODUCTION COMPANY

BOTTOM HOLE LATITUDE 39°10'00"

NAD 27 GRID NORTH

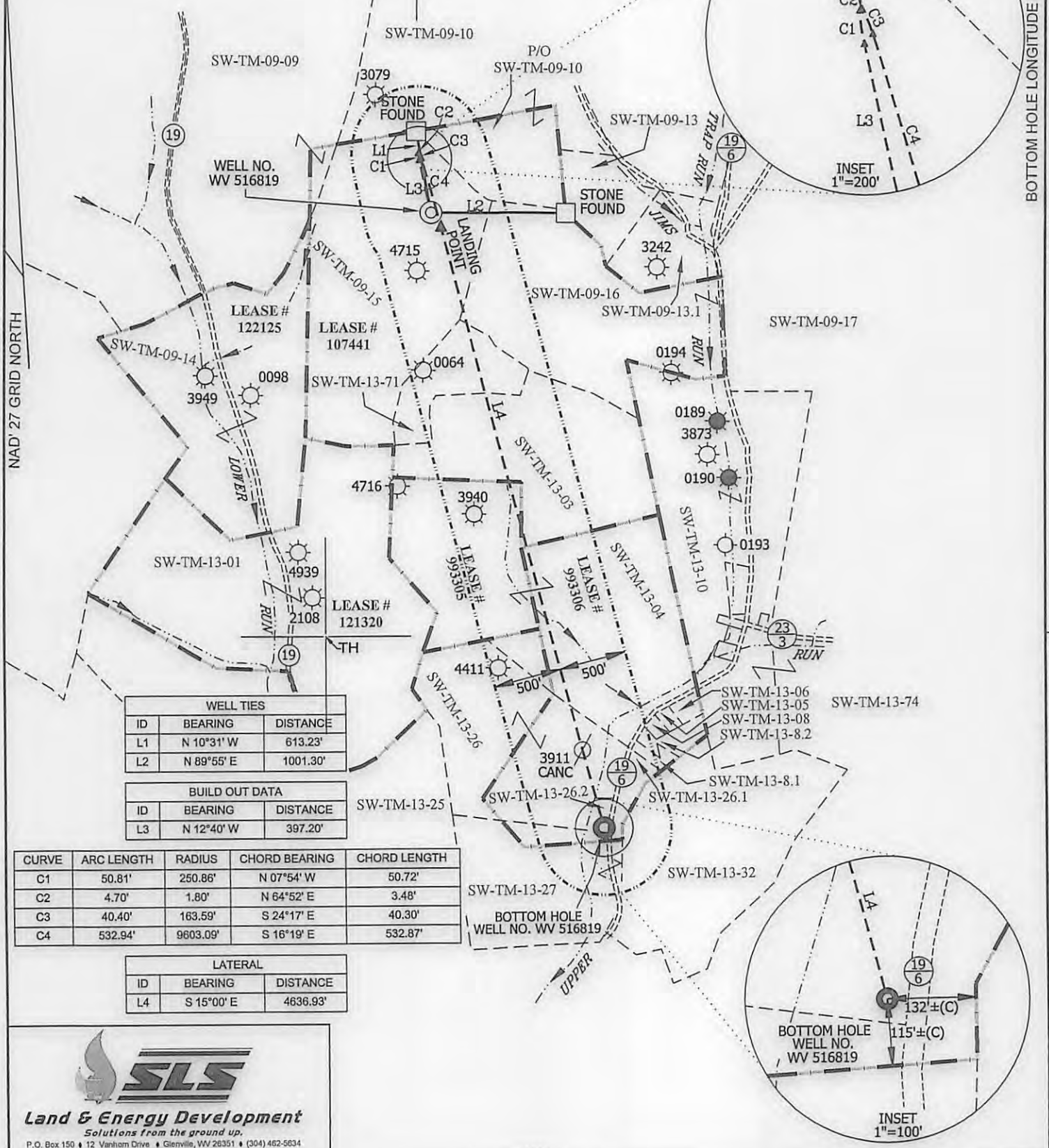
BOTTOM HOLE LONGITUDE 80°47'30"

11,763

TOP HOLE LONGITUDE 80°47'30"

COUNTY NAME

PERMIT



WELL TIES		
ID	BEARING	DISTANCE
L1	N 10°31' W	613.23'
L2	N 89°55' E	1001.30'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 12°40' W	397.20'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	50.81'	250.86'	N 07°54' W	50.72'
C2	4.70'	1.80'	N 64°52' E	3.48'
C3	40.40'	163.59'	S 24°17' E	40.30'
C4	532.94'	9603.09'	S 16°19' E	532.87'

LATERAL		
ID	BEARING	DISTANCE
L4	S 15°00' E	4636.93'

SLS
Land & Energy Development
Solutions from the ground up.
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5634
 www.slsurveys.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 249,015.52 E. 1,623,095.80
 NAD'27 GEO. LAT-(N) 39.176037 LONG-(W) 80.829515
 NAD'83 UTM (M) N. 4,336,335.17 E. 514,740.87
LANDING POINT
 NAD'27 S.P.C.(FT) N. 248,906.62 E. 1,623,171.10
 NAD'27 GEO. LAT-(N) 39.175741 LONG-(W) 80.829244
 NAD'83 UTM (M) N. 4,336,302.38 E. 514,764.36
BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 244,427.77 E. 1,624,371.50
 NAD'27 GEO. LAT-(N) 39.163494 LONG-(W) 80.824777
 NAD'83 UTM (M) N. 4,334,944.03 E. 515,152.83

VICTOR MOYERS
 LICENSED
 No. 849
 STATE OF
 WEST VIRGINIA
 PROFESSIONAL SURVEYOR

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

SCALE 1" = 1000' FILE NO. 7699P516819
 DATE JULY 29, 20 16
 REVISED _____, 20 _____
 OPERATORS WELL NO. WV 516819
 API WELL NO. 47 — 017 — 06784
 NO. STATE COUNTY PERMIT

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

LEGEND

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

12/16/2016

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

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BOTTOM HOLE LATITUDE 39°10'00"

BH

SW-TM-09-09	DONALD & BARBARA OSBURN ET AL	59.74 ACRES±
SW-TM-09-10	DELBERT & BARBARA OSBORNE	78 ACRES±
SW-TM-09-13	ANTHONY RAMEY	9.21 ACRES±
SW-TM-09-13.1	GARY SANCHEZ	8.79 ACRES±
SW-TM-09-14	KERRY & PATTY JUNKINS	47 ACRES±
SW-TM-09-15	DONALD & BARBARA OSBURN ET AL	60 ACRES±
SW-TM-09-16	WILLIAM JENKINS	39 ACRES±
SW-TM-09-17	JOAN CASSIDY TRUST	180 ACRES±
SW-TM-13-01	MANSFIELD & DEBRA LEESON	67.5 ACRES±
SW-TM-13-03	WILLIAM JENKINS	33.5 ACRES±
SW-TM-13-04	JACQUELINE PAYNE	61.70 ACRES±
SW-TM-13-05	ROY LOWTHER	0.50 ACRES±
SW-TM-13-06	CHARLES GREATHOUSE ET UX	0.81 ACRES±
SW-TM-13-08	ROY LOWTHER	0.60 ACRES±
SW-TM-13-8.1	ROY LOWTHER	1.33 ACRES±
SW-TM-13-8.2	RUSTY & WILMA LOWTHER	1.32 ACRES±
SW-TM-13-10	HAROLD & BONNY HINZMAN	29.67 ACRES±
SW-TM-13-25	MARY LONG ET AL	14 ACRES±
SW-TM-13-26.1	JOSEPH BARTLETT JR	4 ACRES±
SW-TM-13-26.2	GARY COX	1.32 ACRES±
SW-TM-13-27	JOHN & DEBRA CORDINE	23.50 ACRES±
SW-TM-13-32	RANDALL HUSK	41 ACRES±
SW-TM-13-71	DONALD & BARBARA OSBURN ET AL	12.50 ACRES±
SW-TM-13-74	BRADLEY COPELAND	35.13 ACRES±



ROYALTY OWNERS		
DELORES ANN FORD ET AL	22.2 AC±	LEASE NO. 993305
DELORES ANN FORD ET AL	59.5 AC±	LEASE NO. 993306

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

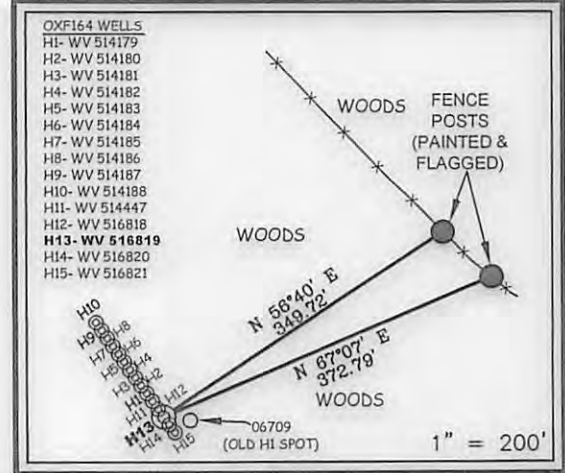
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NOTES ON SURVEY

- 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.
- WELL SPOT CIRCLE & TOPO MARK SCALE 1"=2000'.



REFERENCES



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. *C. Victor Moyers*
 849



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JULY 29, 20 16
 REVISED _____, 20 ____
 OPERATORS WELL NO. WV 516819
 API WELL NO. 47-017-06784
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7699P516819
 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 _____ LIQUID GAS X INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: (EXISTING) (PROPOSED)
 ELEVATION 1,196' 1,170.5' WATERSHED LOWER RUN OF MIDDLE FORK & JIMS RUN OF UPPER RUN

DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER (1/2) CHARLES D. LOCKE & (1/2) DONALD & BARBARA OSBURN ACREAGE 60.5±

ROYALTY OWNER (1/2) CHARLES D. LOCKE & (1/2) DONALD OSBURN ET AL ACREAGE 150±

PROPOSED WORK : LEASE NO. 107441

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 6,549'

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

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12/16/2016