

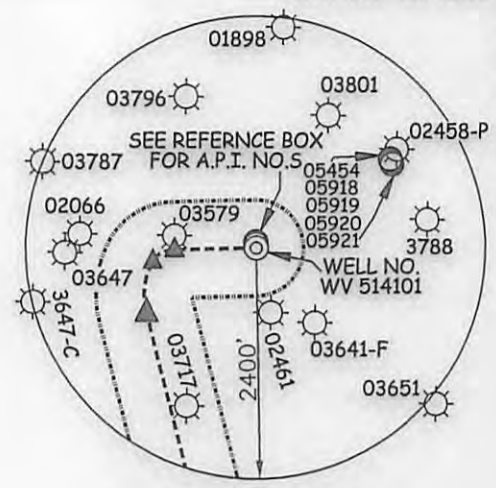
OXF160
WV 514101
EQT PRODUCTION COMPANY

BH 2,055'
 LATITUDE 39°12'30"

LONGITUDE 80°47'30"

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

NAD'27 S.P.C.(FT)	N. 250,870.75	E. 1,631,717.49
NAD'27 GEO.	LAT-(N) 39.181476	LONG-(W) 80.799201
NAD'83 UTM (M)	N. 4,336,944.23	E. 517,357.99
LANDING POINT		
NAD'27 S.P.C.(FT)	N. 250,196.35	E. 1,630,573.44
NAD'27 GEO.	LAT-(N) 39.179579	LONG-(W) 80.803202
NAD'83 UTM (M)	N. 4,336,732.96	E. 517,012.89
BOTTOM HOLE		
NAD'27 S.P.C.(FT)	N. 245,689.87	E. 1,631,723.63
NAD'27 GEO.	LAT-(N) 39.167253	LONG-(W) 80.798915
NAD'83 UTM (M)	N. 4,335,365.94	E. 517,386.20



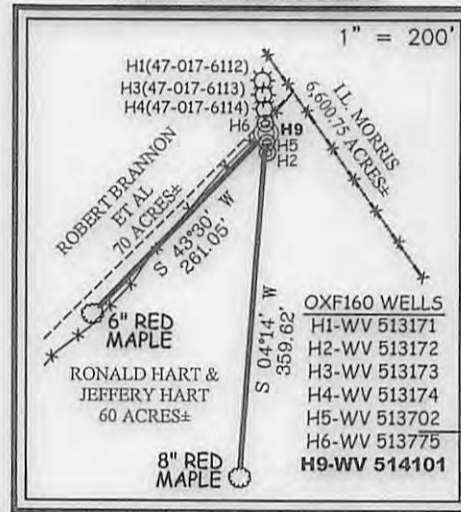
NOTES ON SURVEY

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

ROYALTY OWNERS		
GLENN H. SHIVE ET AL	53 AC.±	LEASE NO. 114449
C. BURKE MORRIS & S.A. SMITH ET AL	28 AC.±	LEASE NO. 114447
WBM HEIRS PROPERTIES, LLC ET AL	1891.25 AC.±	LEASE NO. 117513

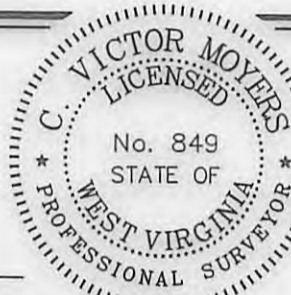
A	ROBERT BRANNON ET AL	70 ACRES±	SW TM-09-19
B	RONALD HART & JEFFERY HART	60 ACRES±	SW TM-09-20
C	ILL. MORRIS	6,600.75 ACRES±	SW TM-10-02
D	ROBERT BRANNON ET AL	25.1 ACRES±	SW TM-13-18
E	RONALD HART & JEFFERY HART	46 ACRES±	SW TM-13-12
F	RONALD HART & JEFFERY HART	45 ACRES±	SW TM-09-21
G	MARIA HRUSCOV	57.5 ACRES±	SW TM-10-01
H	WILLIAM ARMENTROUT ET AL	44.35 ACRES±	SW TM-14-02
I	MICHAEL & SUSAN ZORN	52.5 ACRES±	SW TM-14-01
J	MICHAEL & SUSAN ZORN	47.5 ACRES±	SW TM-14-1.1
K	WILLIAM ARMENTROUT ET AL	16.8 ACRES±	SW TM-14-04
L	EDWARD & GINA BASSETT	41 ACRES±	SW TM-13-39
M	MARIAN ZORN	34.78 ACRES±	SW TM-13-40
N	WILLIAM ARMENTROUT ET AL	76 ACRES±	SW TM-13-41

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. 849 *C. Victor Moyers*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MARCH 24, 20 16
 REVISED OCTOBER 20, 20 16
 OPERATORS WELL NO. WV 514101
 API WELL NO. 47 - 017 - 06770
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7310P514101R2
 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 GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION:
 PAD ELEVATION 1,220' WATERSHED UPPER RUN OF MIDDLE FORK OF SOUTH FORK HUGHES RIVER
 DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER RONALD HART & JEFFERY HART ACREAGE 60±
 ROYALTY OWNER MONA R. CUMBERLEDGE ET AL ACREAGE 206±

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 MARCELLUS ESTIMATED DEPTH 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

14,962' 9,782' TH BH

01/20/2017

COUNTY NAME PERMIT

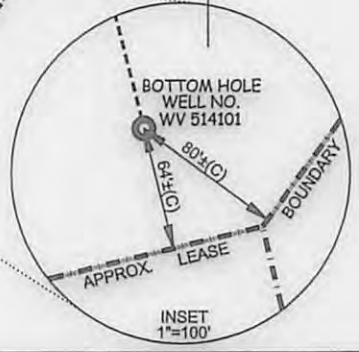
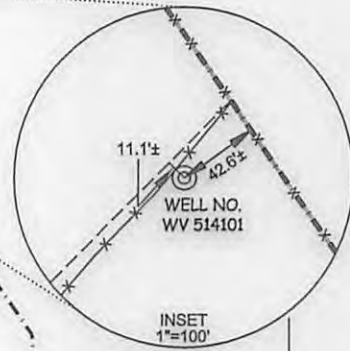
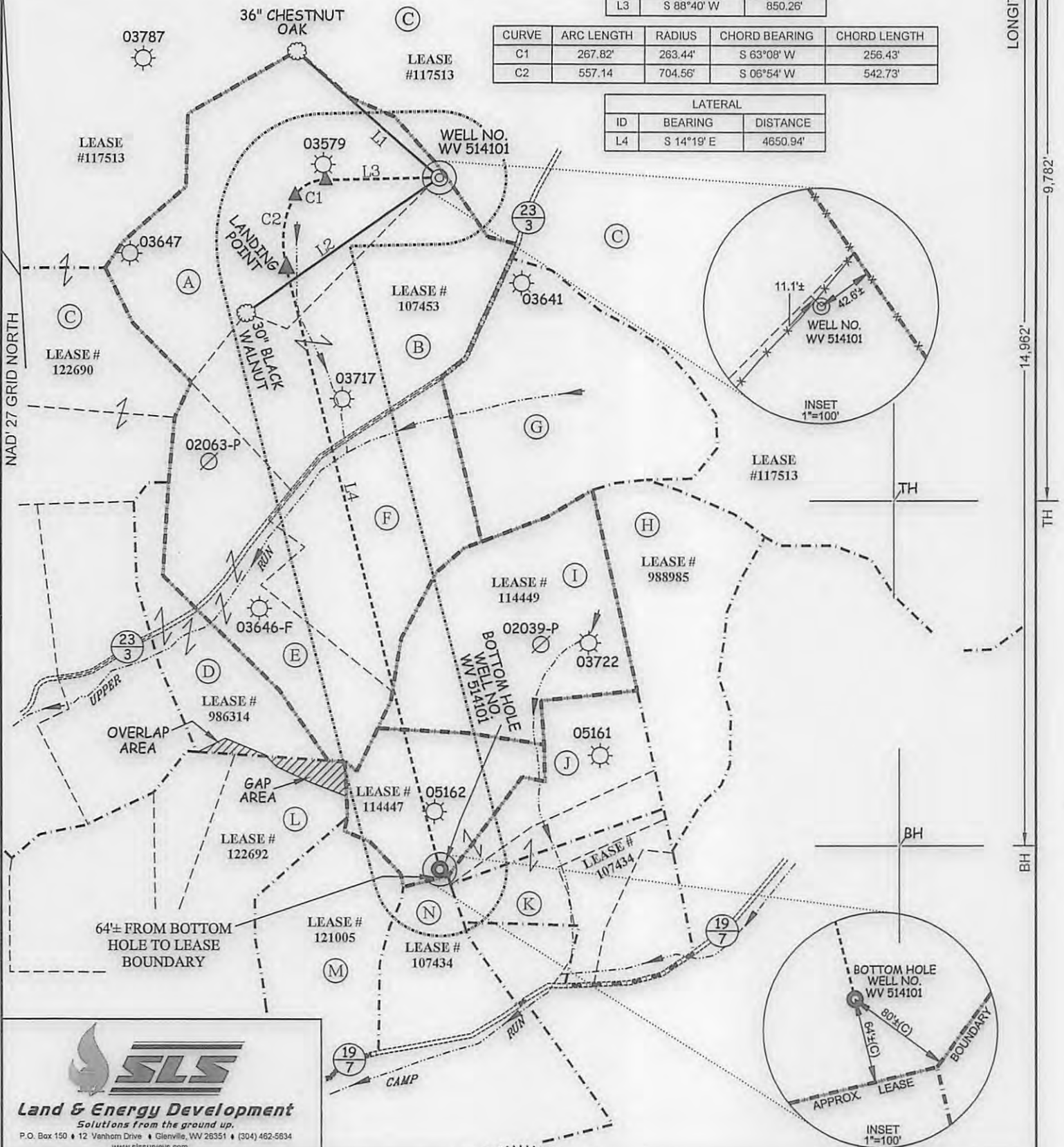
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WELL TIES		
ID	BEARING	DISTANCE
L1	N 48°32' W	1423.46'
L2	S 54°59' W	1767.59'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	S 88°40' W	850.26'

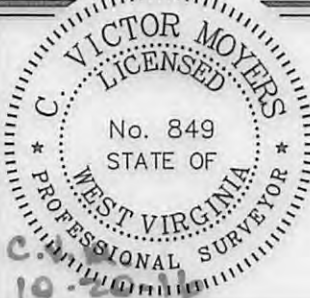
CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	267.82'	263.44'	S 63°08' W	256.43'
C2	557.14	704.56'	S 06°54' W	542.73'

LATERAL		
ID	BEARING	DISTANCE
L4	S 14°19' E	4650.94'



SLS
Land & Energy Development
Solutions from the ground up.
P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5834
www.slsurveys.com

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LEGEND

LEASE LINE
SURFACE LINE
WELL LATERAL
OFFSET LINE
TIE LINE
CREEK
ROAD
COUNTY ROUTE
PROPOSED WELL
EXISTING WELL
PERMITTED WELL
SOUTH WEST DISTRICT
TAX MAP-PARCEL SW-00-00

SCALE 1" = 1000'

DATE MARCH 24, 20 16

REVISED OCTOBER 20, 20 16

OPERATORS WELL NO. WV 514101

API WELL NO. 47 — 017 — 06770

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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