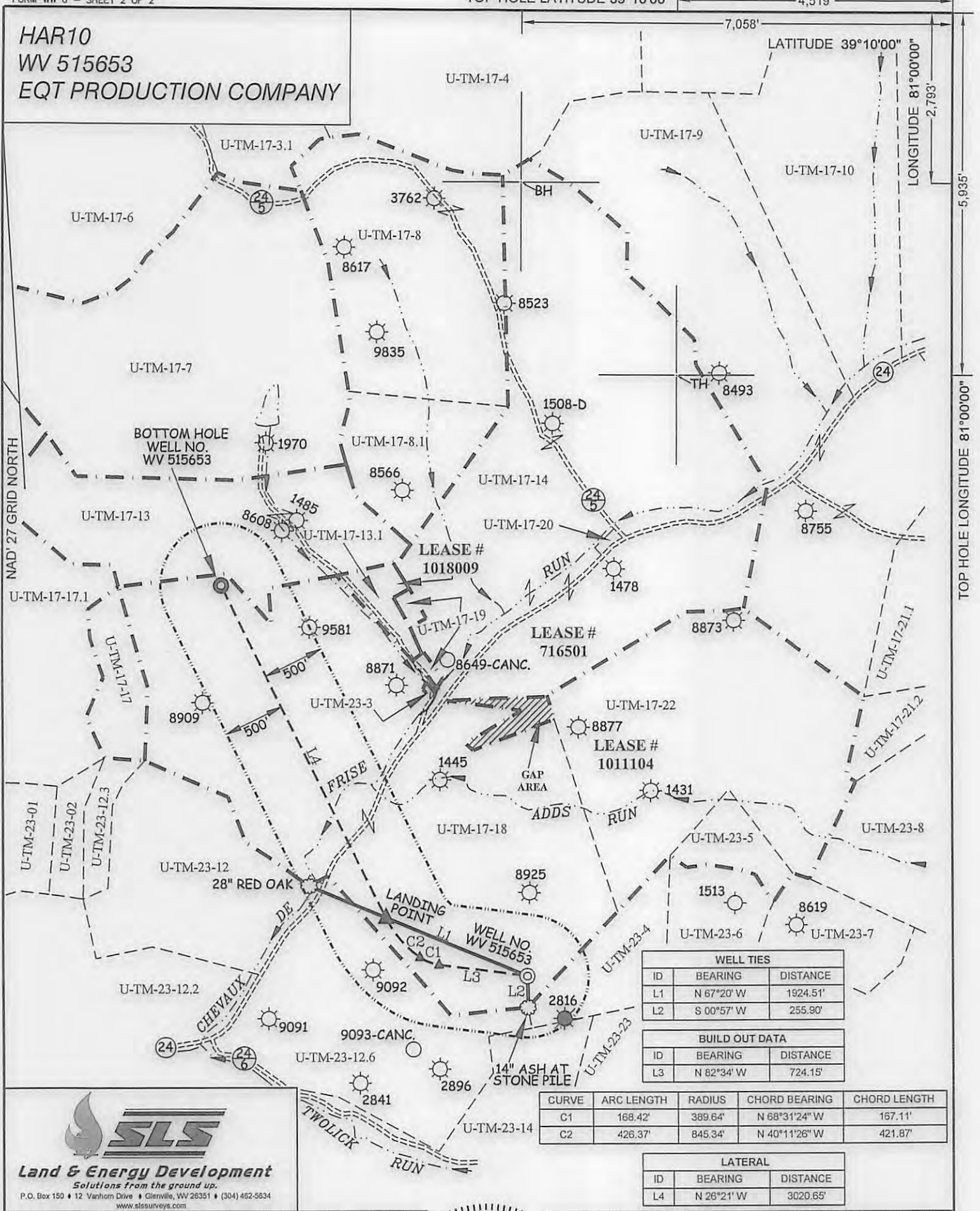


HAR10
WV 515653
EQT PRODUCTION COMPANY



WELL TIES		
ID	BEARING	DISTANCE
L1	N 67°20' W	1924.51'
L2	S 00°57' W	255.90'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 82°34' W	724.15'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	168.42'	389.64'	N 68°31'24" W	167.11'
C2	426.37'	845.34'	N 40°11'26" W	421.87'

LATERAL		
ID	BEARING	DISTANCE
L4	N 26°21' W	3020.65'

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

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 240,507.04 E. 1,570,094.83
 NAD'27 GEO. LAT-(N) 39.150374 LONG-(W) 81.015934
 NAD'83 UTM (M) N. 4,333,473.20 E. 498,637.70
LANDING POINT
 NAD'27 S.P.C.(FT) N. 240,984.22 E. 1,568,949.02
 NAD'27 GEO. LAT-(N) 39.151631 LONG-(W) 81.020002
 NAD'83 UTM (M) N. 4,333,612.73 E. 498,286.20
BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 243,691.07 E. 1,567,608.37
 NAD'27 GEO. LAT-(N) 39.159000 LONG-(W) 81.024891
 NAD'83 UTM (M) N. 4,334,430.53 E. 497,864.01

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

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

LEGEND

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

U-00-00

SCALE 1" = 1000' FILE NO. 8511P515653
 DATE OCTOBER 28, 2016
 REVISED _____, 20____
 OPERATORS WELL NO. WV 515653
 API WELL NO. 47 — 085 — 10304
 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 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280
 BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

COUNTY NAME
 PERMIT

03/10/2017

HAR10
WV 515653
EQT PRODUCTION COMPANY

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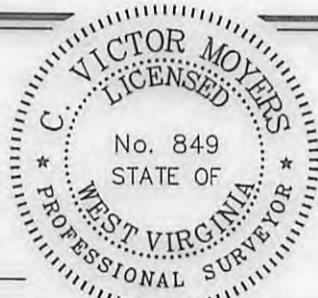
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 NAD'83 UTM (M) N. 4,334,430.53 E. 497,864.01

U-TM-17-3.1	CAROL & DAVID REYNOLDS (LIFE) ET AL	48.9 ACRES±
U-TM-17-4	TOMMIE & ANDREA MITCHELL	195.808 ACRES±
U-TM-17-6	JEREMY & RUBY EASTON	70.87 ACRES±
U-TM-17-7	DALEN SCHLABACH	120 ACRES±
U-TM-17-8	STAATS FAMILY TRUST	67.25 ACRES±
U-TM-17-8.1	STAATS FAMILY TRUST	26.75 ACRES±
U-TM-17-9	CLARA STEVENS ET AL	147 ACRES±
U-TM-17-10	DALE IAMS	70.08 ACRES±
U-TM-17-13	DALEN SCHLABACH	55 ACRES±
U-TM-17-13.1	RIDGETOP CAPITAL V LP	6.3 ACRES±
U-TM-17-14	JAMES & MARY JONES (LIFE) ET AL	159.56 ACRES±
U-TM-17-17	NATHANAEL MASON ET AL	11.5 ACRES±
U-TM-17-17.1	FLOYD & JEAN CRONIN TRUST	78.59 ACRES±
U-TM-17-18	NATHANAEL MASON ET AL	187 ACRES±
U-TM-17-19	CHEVAUX DE FRISE CHURCH & CEMETERY BY TRS	LOT (1.7 ACRES± CALC.)
U-TM-17-20	ROGER GEORGE	0.44 ACRES±
U-TM-17-21.1	SUSAN BROWNE ET AL	32.40 ACRES±
U-TM-17-21.2	SUSAN BROWNE ET AL	8.55 ACRES±
U-TM-17-22	NATHANAEL MASON ET AL	96 ACRES±
U-TM-23-1	CHARLES & ROSA WASS	55.90 ACRES±
U-TM-23-2	WINSTON LOVE FAMILY TRUST ET AL	5.27 ACRES±
U-TM-23-3	NATHANAEL MASON ET AL	1/8 ACRE±
U-TM-23-4	C.W. RADCLIFF	15 ACRES±
U-TM-23-5	NATHANAEL MASON ET AL	10.5 ACRES±
U-TM-23-6	C.W. RADCLIFF	20 ACRES±
U-TM-23-7	C.W. RADCLIFF	25.25 ACRES±
U-TM-23-8	STEVEN REED ET AL	41.45 ACRES±
U-TM-23-12	GUY BAKER	48.5 ACRES±
U-TM-23-12.2	GUY BAKER	33.5 ACRES±
U-TM-23-12.3	GUY BAKER	9.75 ACRES±
U-TM-23-12.6	GUY BAKER	65.25 ACRES±
U-TM-23-14	CAROLYN VINCENT	35 ACRES±
U-TM-23-23	BRUCE & AUDREY DRESSLER	14.85 ACRES±



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 OCTOBER 28, 20 16
 REVISED _____, 20 ____
 OPERATORS WELL NO. WV 515653
 API WELL NO. 47-085-10304 HGA
 STATE COUNTY PERMIT

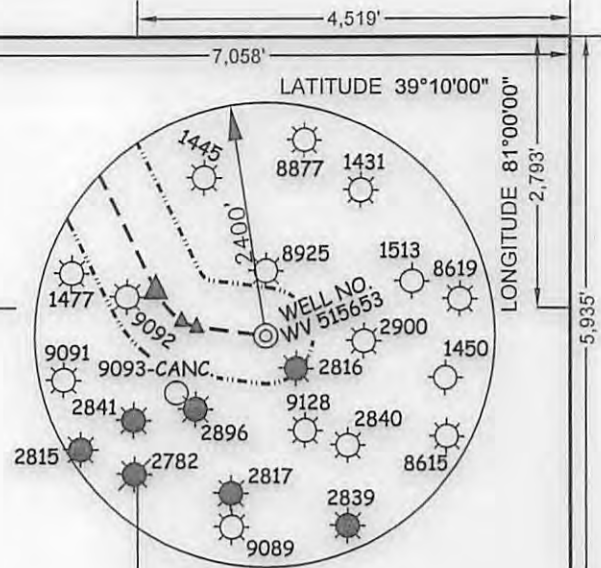
MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8511P515653.dwg
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE SEE NOTE 2

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



WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X
 LOCATION: (GROUND) (PROPOSED)
 ELEVATION 1,162' 1,141.1' WATERSHED ADDS RUN AND TWOLICK RUN OF CHEVAUX DE FRISE RUN
 DISTRICT UNION COUNTY RITCHIE QUADRANGLE HARRISVILLE 7.5'
 SURFACE OWNER NATHANAEL L. MASON ET AL ACREAGE 187±
 ROYALTY OWNER NATHANAEL L. MASON ET AL ACREAGE 310±
 PROPOSED WORK: LEASE NO. 1011104
 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 6,313'

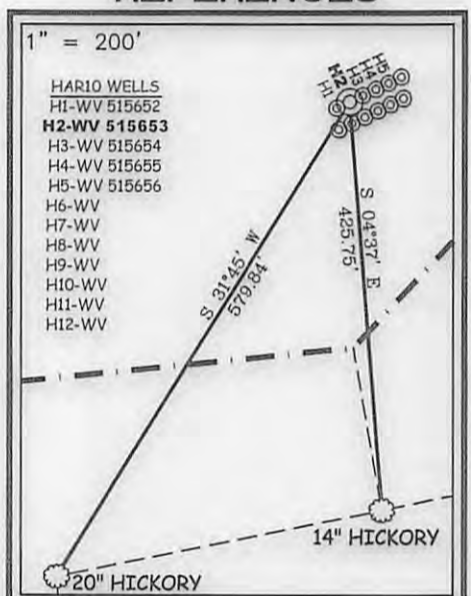
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NOTES ON SURVEY

- 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 IS 1"=2000'

REFERENCES



COUNTY NAME
 PERMIT