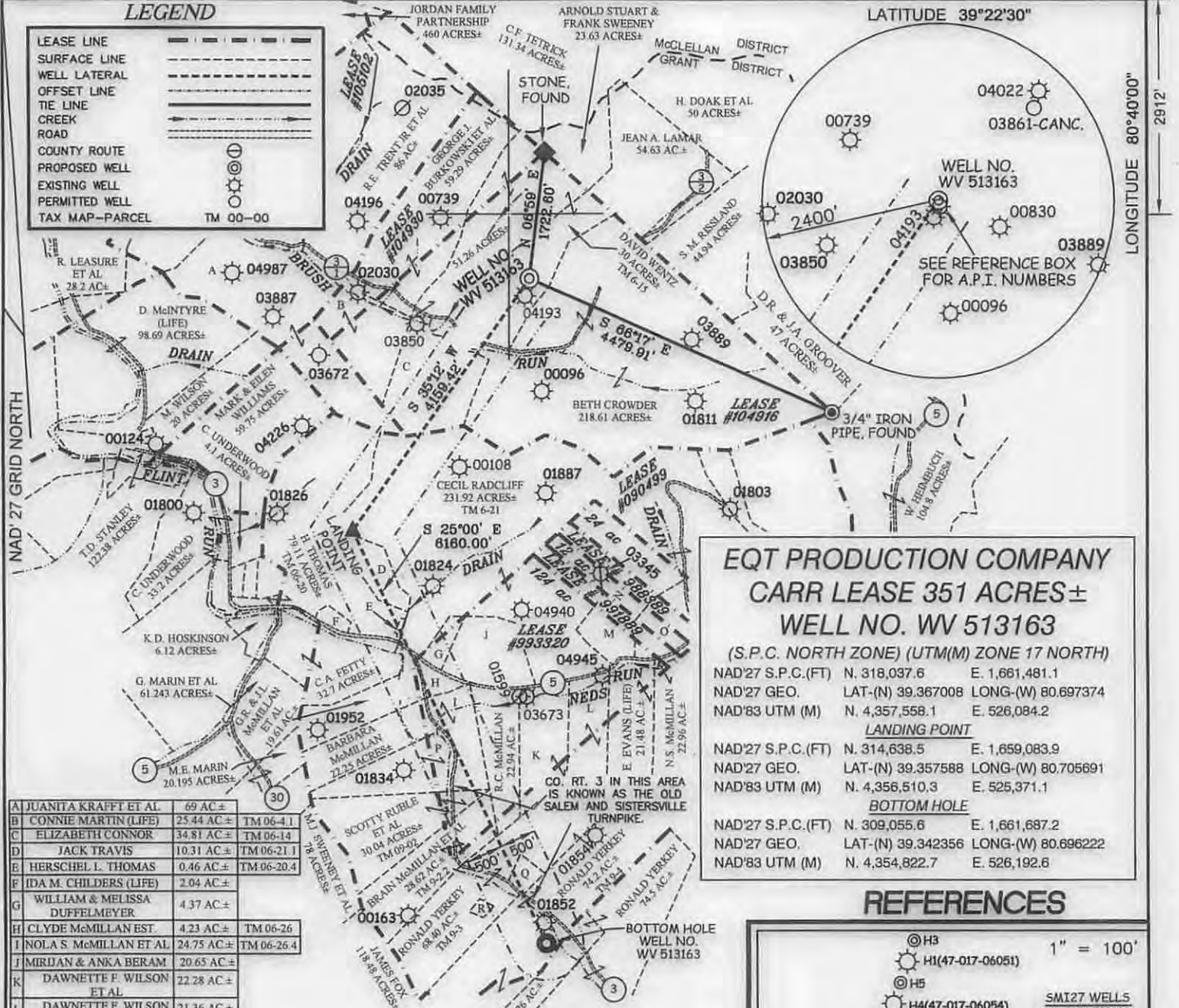


LEGEND

LEASE LINE	---
SURFACE LINE	---
WELL LATERAL	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
COUNTY ROUTE	○
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	TM 00-00

NAD'27 GRID NORTH

LONGITUDE 80°40'00"



**EQT PRODUCTION COMPANY
CARR LEASE 351 ACRES±
WELL NO. WV 513163**

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

NAD'27 S.P.C.(FT)	N. 318,037.6	E. 1,661,481.1
NAD'27 GEO.	LAT-(N) 39.367008	LONG-(W) 80.697374
NAD'83 UTM (M)	N. 4,357,558.1	E. 526,084.2

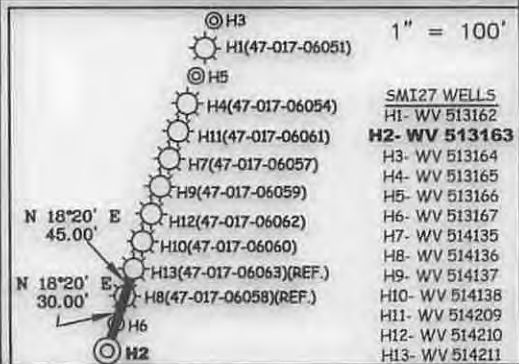
LANDING POINT

NAD'27 S.P.C.(FT)	N. 314,638.5	E. 1,659,083.9
NAD'27 GEO.	LAT-(N) 39.357588	LONG-(W) 80.705691
NAD'83 UTM (M)	N. 4,356,510.3	E. 525,371.1

BOTTOM HOLE

NAD'27 S.P.C.(FT)	N. 309,055.6	E. 1,661,687.2
NAD'27 GEO.	LAT-(N) 39.342356	LONG-(W) 80.696222
NAD'83 UTM (M)	N. 4,354,822.7	E. 526,192.6

REFERENCES



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.

ROYALTY OWNERS		
NEVA RITTER ET AL.	907 AC±	LEASE NO. 090489
EDISON RITTER ET AL.	160 AC±	LEASE NO. 993320

A	JUANITA KRAFFT ET AL.	69 AC±	
B	CONNIE MARTIN (LIFE)	25.44 AC±	TM 06-4-1
C	ELIZABETH CONNOR	34.81 AC±	TM 06-14
D	JACK TRAVIS	10.31 AC±	TM 06-21-1
E	HERSCHEL L. THOMAS	0.46 AC±	TM 06-20-4
F	IDA M. CHILDERS (LIFE)	2.04 AC±	
G	WILLIAM & MELISSA DUFFELMEYER	4.37 AC±	
H	CLYDE McMILLAN EST.	4.23 AC±	TM 06-26
I	NOLA S. McMILLAN ET AL.	24.75 AC±	TM 06-26-4
J	MIRDAN & ANKA BERAM	20.65 AC±	
K	DAWNETTE F. WILSON ET AL.	22.28 AC±	
L	DAWNETTE F. WILSON ET AL.	21.36 AC±	
M	MIRJANA BERAM	9.571 AC±	
N	CAROL IRWIN ET AL.	8.047 AC±	
O	CAROL IRWIN ET AL.	15.128 AC±	
P	JOHN A. McMILLAN	19 AC±	TM 09-2-1
Q	GLENDA J. LAMBERT	4 AC±	TM 09-08
R	ANNA M. MORGAN	1 AC±	

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.
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PROJECT MGMT.
(954) 452-4834 WWW.SLSURVEYS.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.
677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JULY 26, 20 11
REVISED 08/02/11, 09/23/11, 11/07/12, 10/09/14, 10/22/14 & 04/16/15
OPERATORS WELL NO. WV 513163
API WELL NO. 47-017-06689 H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 7584P513163R7
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

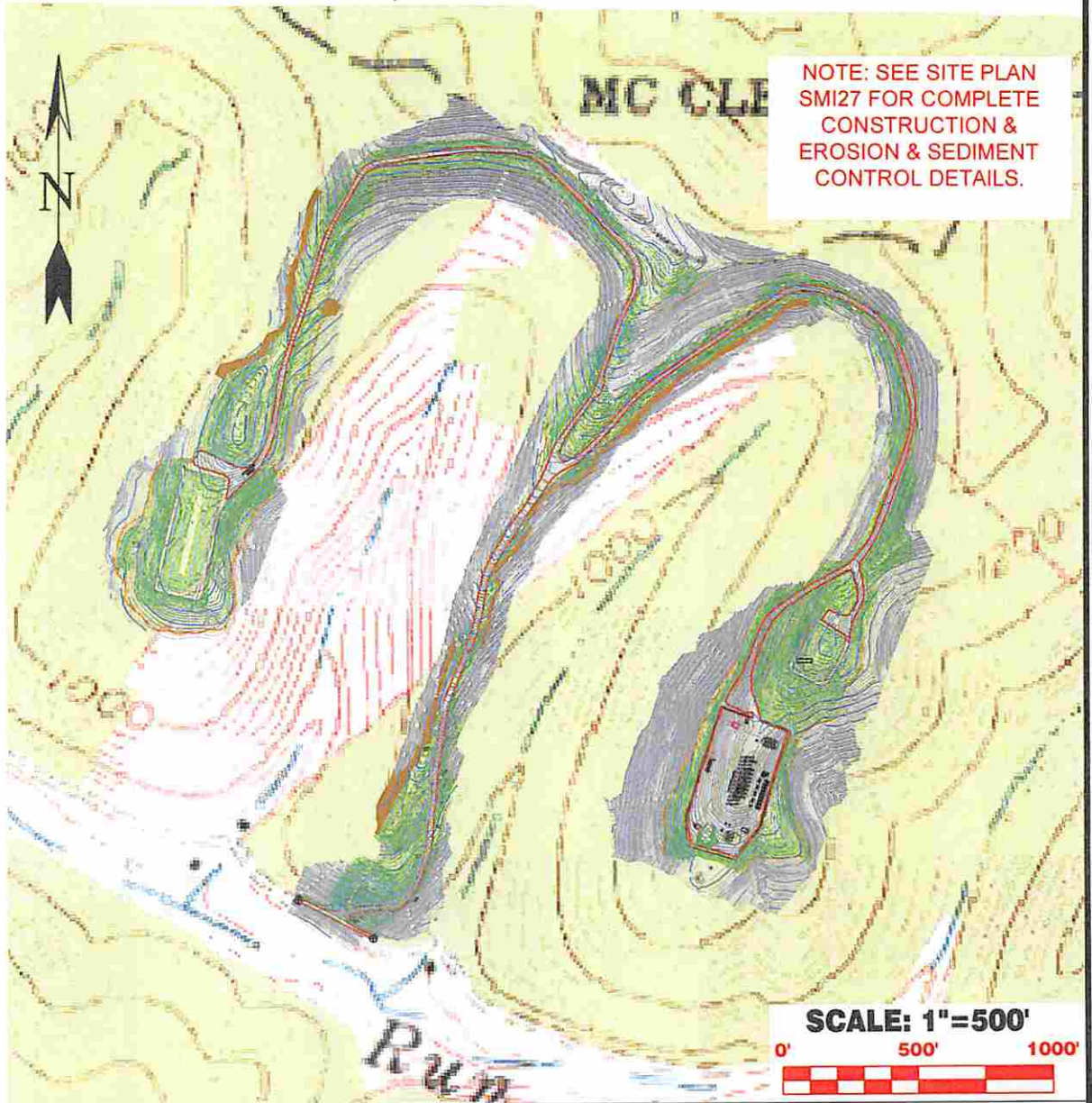
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,178' (EXISTING PAD) WATERSHED BRUSH RUN OF FLINT RUN
DISTRICT GRANT COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'
SURFACE OWNER DAVID WENTZ ACREAGE 30±
ROYALTY OWNER PATTY J. & R. KEITH CRIHFIELD ACREAGE 351±
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 TVD 7,034'

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

05/15/2015

CARR LEASE LEASE SMI27 WELL NO.S WV 513163, 706689 WV 513164, WV WV 513166 & WV 513167



Detail Sketch for Proposed SMI27 Well No.s WV 513163, WV 513164, WV 513166 & WV 513167



NOT TO SCALE

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PROJECT MGMT.

(304) 462-9834 WWW.SLSURVEYS.COM

DRAWN BY K.D.W.	FILE NO. 7584	DATE 10-22-14	CADD FILE: 7584AREC-IL.dwg
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TOPO SECTIONS OF SMITHBURG 7.5'
TOPO QUADRANGLE

NOTE: SEE SITE PLAN SMI27 FOR COMPLETE CONSTRUCTION & EROSION & SEDIMENT CONTROL DETAILS.