

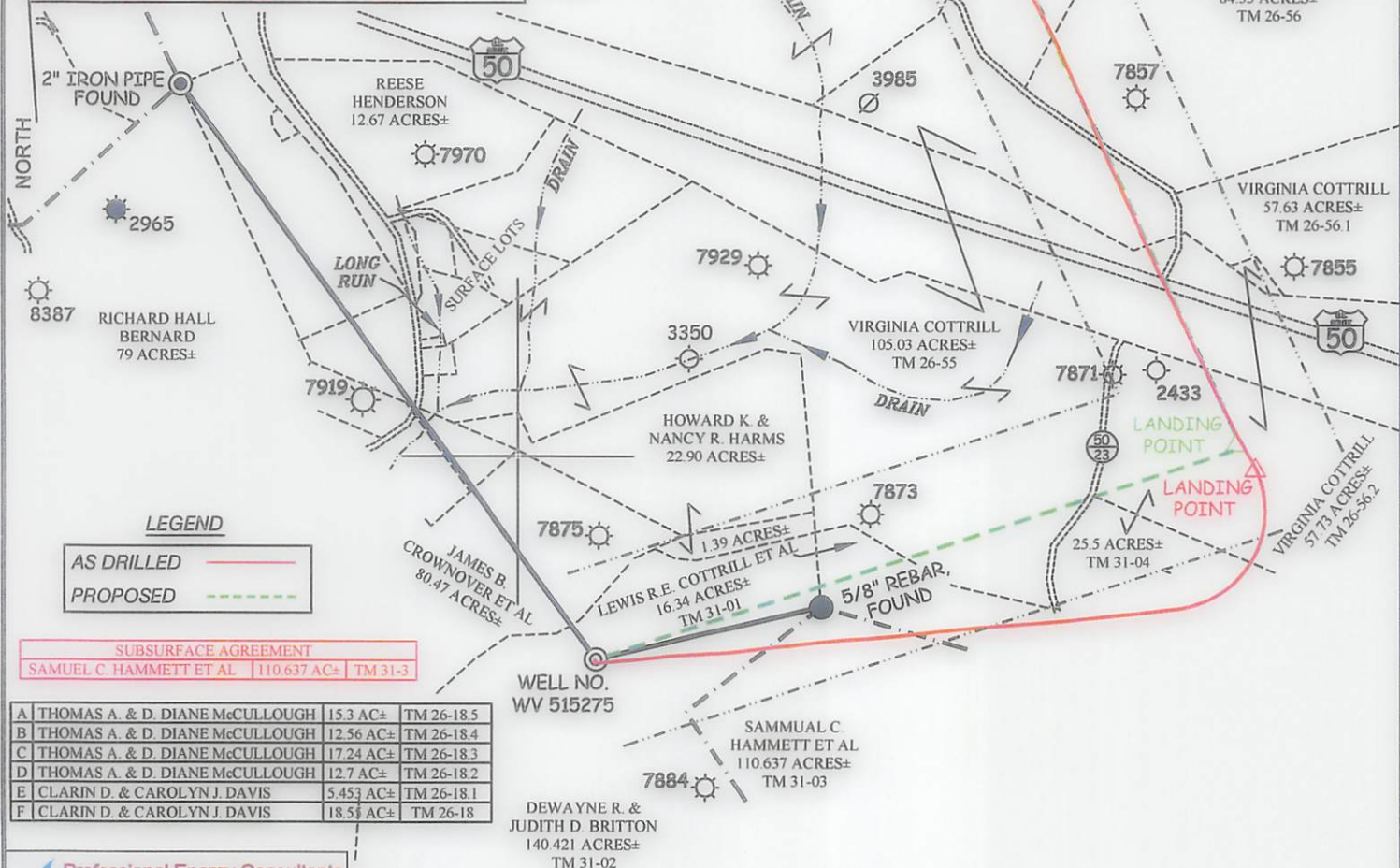
**EQT PRODUCTION COMPANY  
TAYLOR LEASE  
1,600 ACRES±  
WELL NO. WV 515275  
(PEN15 H6)**

**AS DRILLED COORDINATES**

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

NAD'27 S.P.C.(FT)	N. 280,796.7	E. 1,589,053.2
NAD'27 GEO.	LAT-(N) 39.261839	LONG-(W) 80.951390
NAD'83 UTM (M)	N. 4,345,843.8	E. 504,208.3
<b>LANDING POINT</b>		
NAD'27 S.P.C.(FT)	N. 281,862.3	E. 1,592,722.7
NAD'27 GEO.	LAT-(N) 39.264926	LONG-(W) 80.938492
NAD'83 UTM (M)	N. 4,346,187.2	E. 505,320.8
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C.(FT)	N. 286,236.8	E. 1,590,646.5
NAD'27 GEO.	LAT-(N) 39.276844	LONG-(W) 80.946073
NAD'83 UTM (M)	N. 4,347,509.3	E. 504,666.0

1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE TIE TO CORS NETWORK).
3. NO WATER WELLS WERE FOUND WITHIN 250 FEET OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS (GREATER THAN 2500 SQUARE FEET) OR DWELLINGS WERE FOUND WITHIN 625 FEET OF CENTER OF PROPOSED WELL PAD.
4. AS DRILLED INFORMATION PROVIDED BY EQT



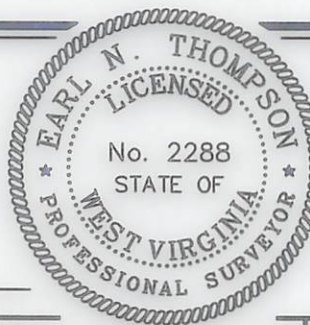
**SUBSURFACE AGREEMENT**  
SAMUEL C. HAMMETT ET AL. | 110.637 AC± | TM 31-3

A	THOMAS A. & DIANE McCULLOUGH	15.3 AC±	TM 26-18.5
B	THOMAS A. & DIANE McCULLOUGH	12.56 AC±	TM 26-18.4
C	THOMAS A. & DIANE McCULLOUGH	17.24 AC±	TM 26-18.3
D	THOMAS A. & DIANE McCULLOUGH	12.7 AC±	TM 26-18.2
E	CLARIN D. & CAROLYN J. DAVIS	5.453 AC±	TM 26-18.1
F	CLARIN D. & CAROLYN J. DAVIS	18.5 AC±	TM 26-18

**Professional Energy Consultants**  
A DIVISION OF SMITH LAND SURVEYING, INC.  
**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.  
(304) 462-5634  
WWW.SLSURVEYS.COM

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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. 2288 *Earl N. Thompson*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE JANUARY 10, 20 14  
REVISED MARCH 12, 2015, MAY 16, 2016 & JUNE 06, 2016  
OPERATORS WELL NO. WV 515275  
API WELL NO. **47 - 085 - 10093-H**  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7496ASDRILLED515275R2  
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

**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 1,118.7' WATERSHED LONG RUN OF NORTH FORK HUGHES RIVER  
DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'  
SURFACE OWNER DEWAYNE BRITTON ET UX ACREAGE 140.421  
ROYALTY OWNER E. R. TAYLOR HEIRS ACREAGE 1,600±  
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 6,374'

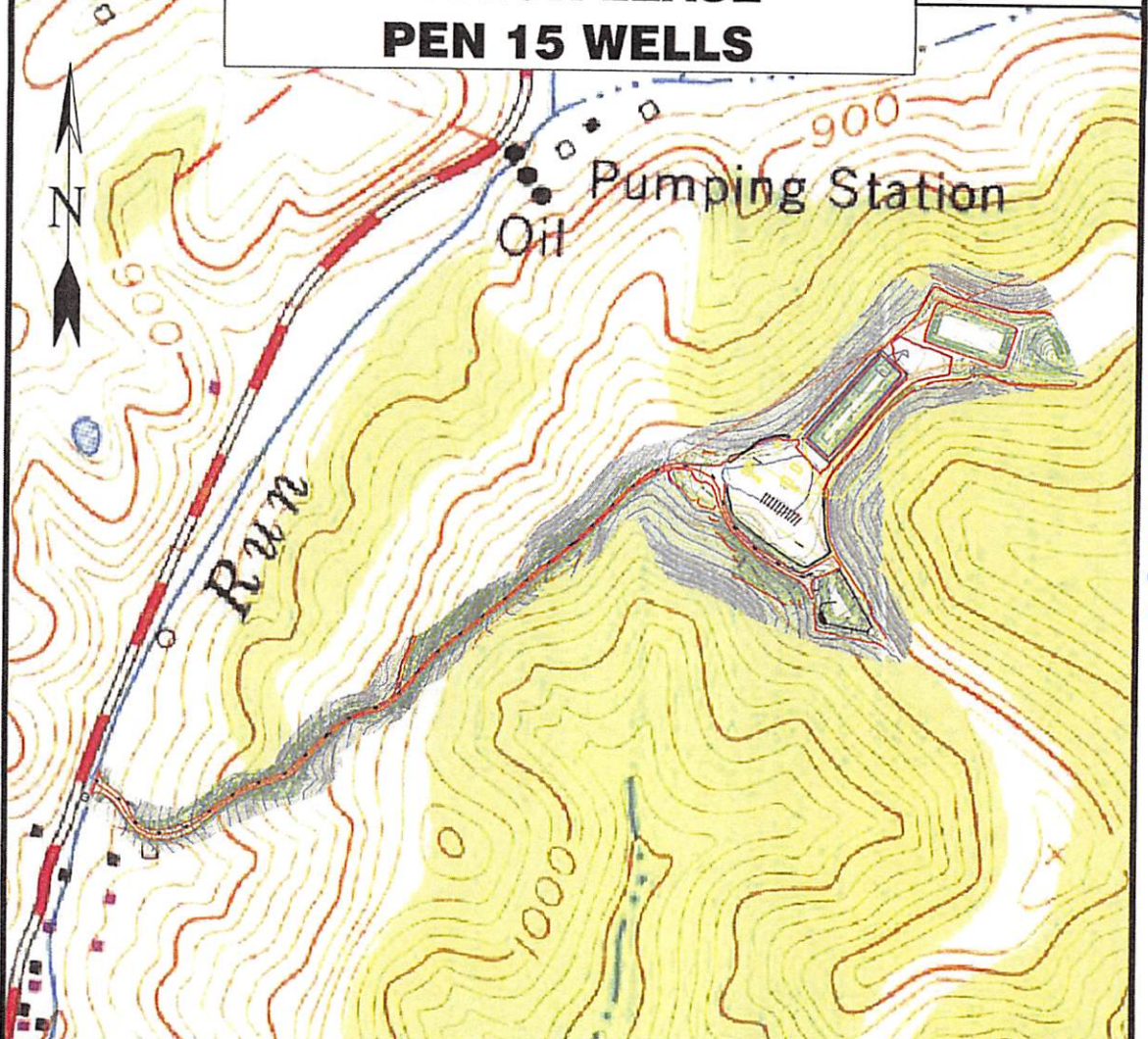
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE BRIDGEPORT, WV 26330

COUNTY NAME  
PERMIT

01/20/2017

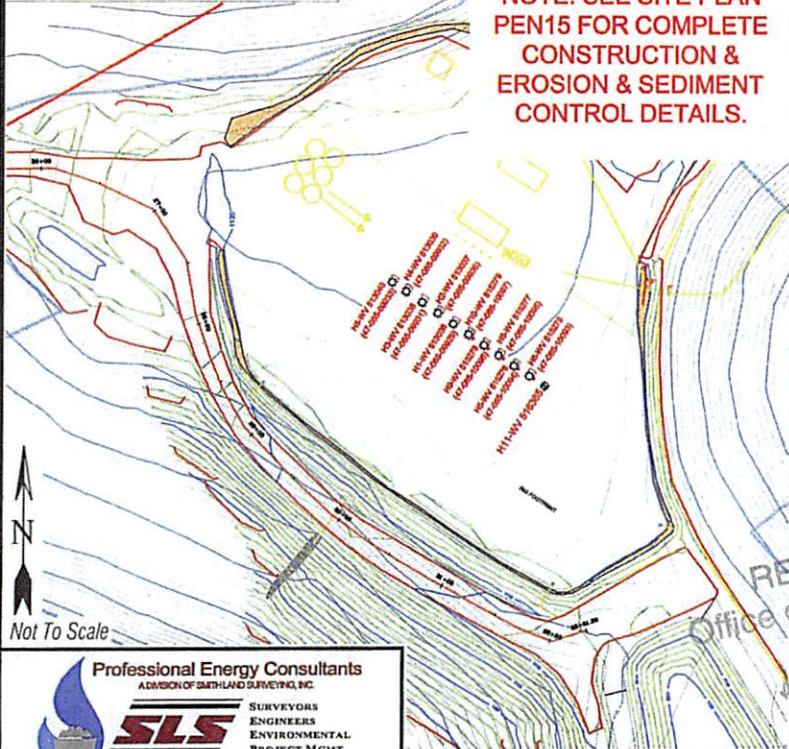


# TAYLOR LEASE PEN 15 WELLS



085-10093

Detail Sketch for Proposed PEN15 WW 516365



**NOTE: SEE SITE PLAN  
PEN15 FOR COMPLETE  
CONSTRUCTION &  
EROSION & SEDIMENT  
CONTROL DETAILS.**

**NOTE: SEE SITE PLAN  
PEN15 FOR COMPLETE  
CONSTRUCTION &  
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CONTROL DETAILS.**

Not To Scale

Professional Energy Consultants  
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ENVIRONMENTAL  
PROJECT MGMT.

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DRAWN BY K.D.W.	FILE NO. 7496	DATE 07-27-15	CADD FILE: 7496PEN.dwg
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TOPO SECTION OF PENNSBORO 7.5'  
USGS TOPO QUADRANGLE

**SCALE: 1"=500'**



RECEIVED  
Office of Oil  
JUN 10 2016  
Department of Environmental Protection

01/20/2017