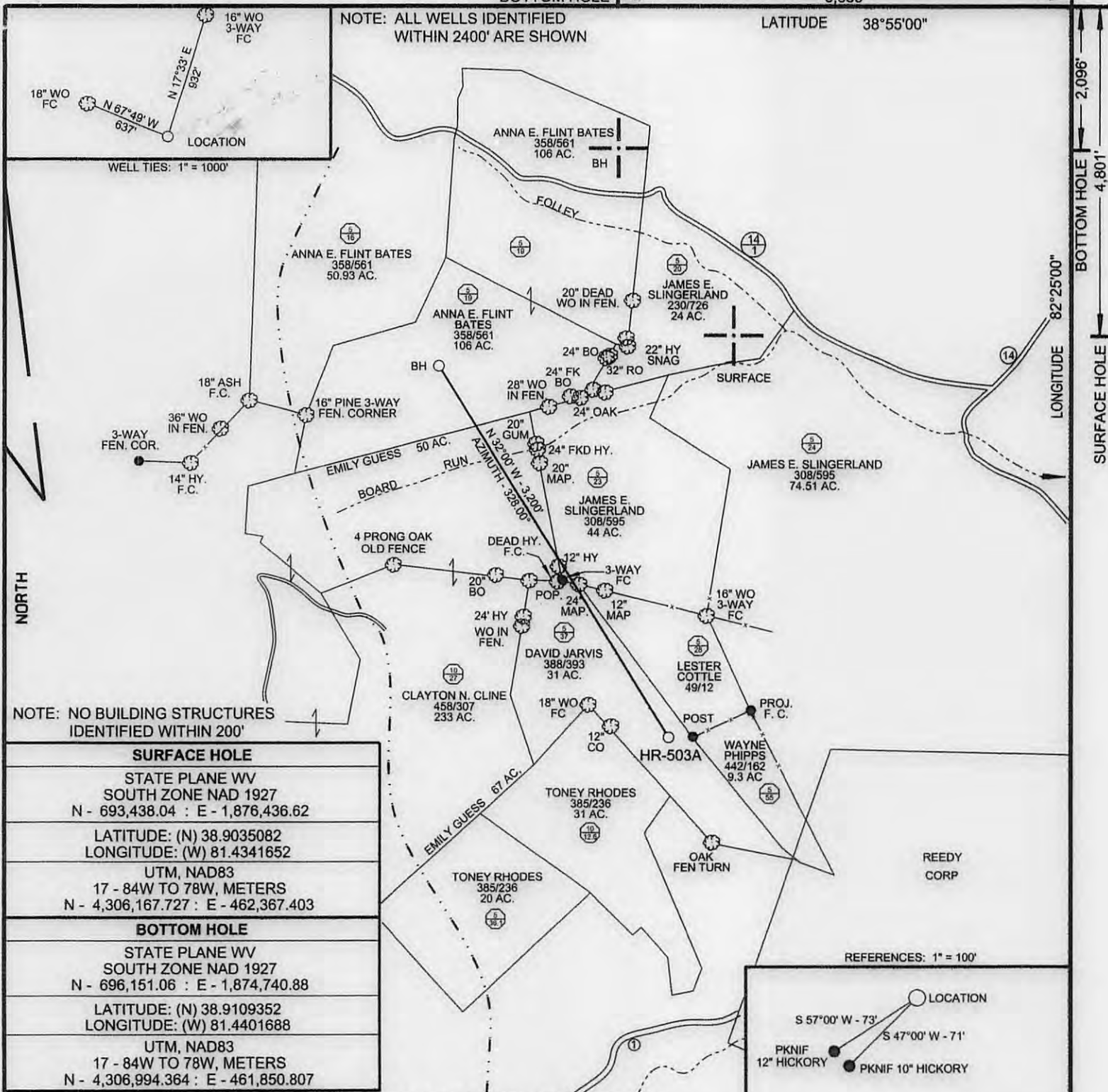


BOTTOM HOLE 6,683'

LATITUDE 38°55'00"

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN



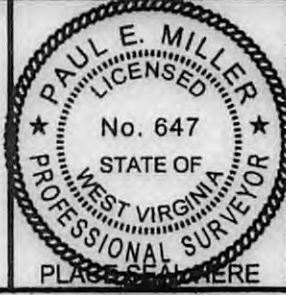
SURFACE HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 693,438.04 : E - 1,876,436.62	
LATITUDE: (N) 38.9035082 LONGITUDE: (W) 81.4341652	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,306,167.727 : E - 462,367.403	
BOTTOM HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 696,151.06 : E - 1,874,740.88	
LATITUDE: (N) 38.9109352 LONGITUDE: (W) 81.4401688	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,306,994.364 : E - 461,850.807	

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

FILE NO.	HR-503A.DGN
DRAWING NO.	HR-503A
SCALE	1" = 1000'
MINIMUM DEGREE OF ACCURACY	1:200
PROVEN SOURCE OF ELEVATION	MAPPING GRADE GPS

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

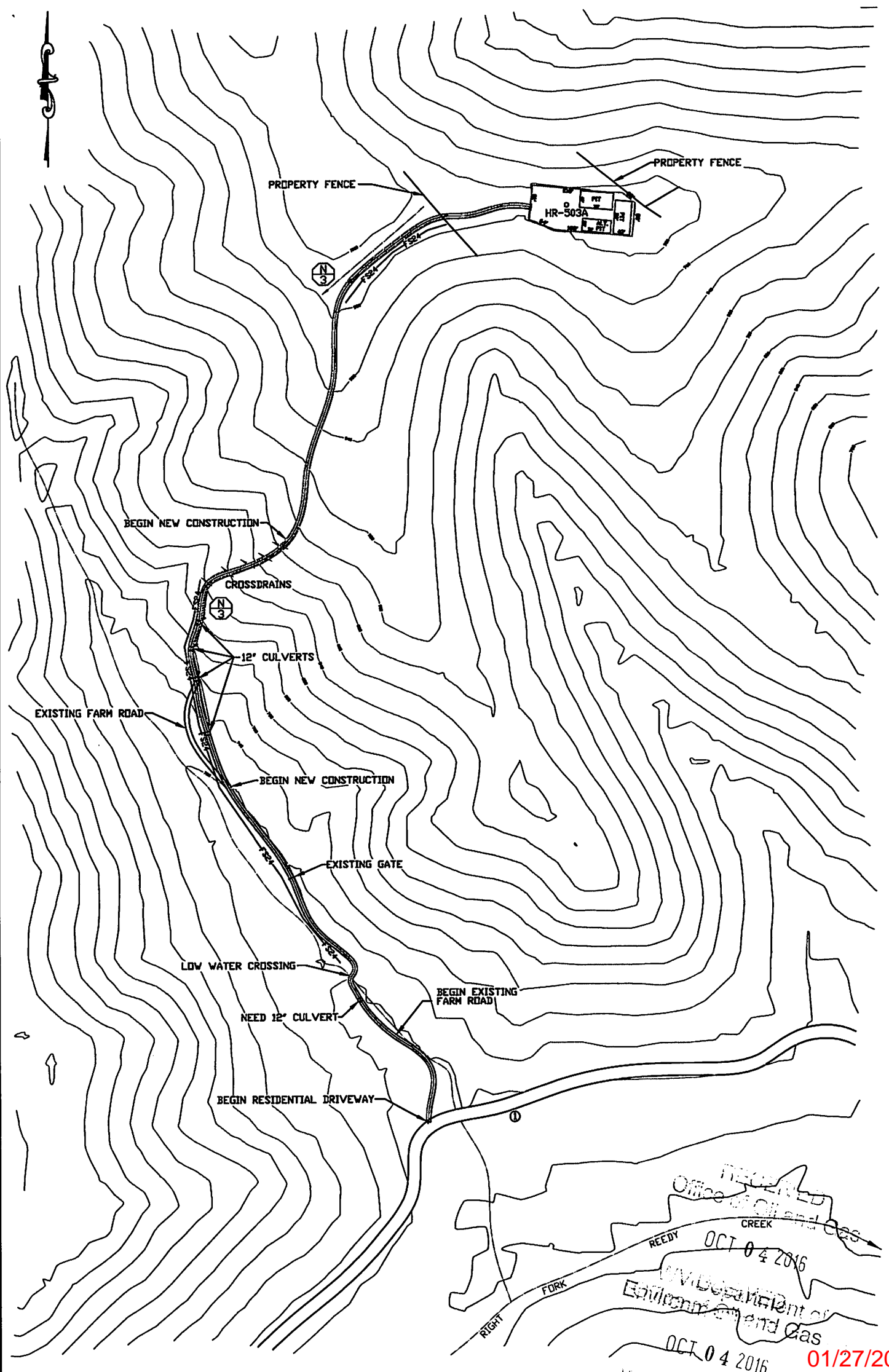
(SIGNED) *Paul E. Miller*
R.P.E. _____ L.L.S. 647



STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION	DATE <u>JULY 22</u> , 20 <u>14</u>
	OPERATOR'S WELL NO. <u>HR-503A</u>
	API WELL NO. <u>47 087 04743A</u>
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>	STATE <u>47</u> COUNTY <u>087</u> PERMIT <u>04743A</u>
(IF "GAS,") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	
LOCATION: ELEVATION <u>981'</u> WATER SHED <u>FORK OF REEDY CREEK</u>	
DISTRICT <u>REEDY</u> COUNTY <u>ROANE</u>	
QUADRANGLE <u>REEDY, WV 7.5'</u>	
SURFACE OWNER <u>DAVID JARVIS</u> ACREAGE <u>31</u>	
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____	
LEASE NO. _____	
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____	
PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/>	
TARGET FORMATION <u>LOWER HURON</u> ESTIMATED DEPTH _____	
WELL OPERATOR <u>HARD ROCK EXPLORATION, INC.</u> DESIGNATED AGENT <u>JAMES L. STEPHENS</u>	
ADDRESS <u>1244 MARTINS BR. RD., CHARLESTON, WV 25312</u> ADDRESS <u>SAME</u>	

01/27/2017





COUNTY NAME PERMIT








Office of Oil and Gas
 REEDY CREEK
 OCT 04 2016
 WV Department of Environment and Gas
 OCT 04 2016

01/27/2017

LEGEND

-  PROVIDE FLEXTERRA HIGH PERFORMANCE FLEXIBLE GROWTH MEDIUM (HP-FLM) ON CUT AND FILL SLOPES
-  LEVEL SPREADER
-  DIVERSION DITCH
-  BERM OUTLET

-  STREAM
-  PROPERTY LINE
-  SLOPE AREA
-  WETLAND
-  24" COMPOST FILTER SOCK AS REQUIRED

EROSION AND SEDIMENT CONTROL PLAN

HARD ROCK EXPLORATION
 PROPOSED WELL # HR-503A
 REEDY DISTRICT, ROANE COUNTY
 REEDY QUAD, WV 7.8/7
 DECEMBER 11, 2014
 TRUE LINE SURVEYING
 6211 FAIRVIEW DR.
 HUNTINGTON, WV 25705
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