

SURFACE HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 693,423.42 : E - 1,876,474.38	
LATITUDE: (N) 38.9034685 LONGITUDE: (W) 81.4340323	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,306,163.272 : E - 462,378.908	
BOTTOM HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 697,587.49 : E - 1,877,022.59	
LATITUDE: (N) 38.9149085 LONGITUDE: (W) 81.4321743	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,307,431.962 : E - 462,546.032	

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

FILE NO. HR-502A.DGN

DRAWING NO. HR-502A

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 JULY 22, 20 14

OPERATOR'S WELL NO. HR-502A

API WELL NO. 47 087 04742 D

STATE 47 COUNTY 087 PERMIT 04742 D

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

LOCATION: ELEVATION 981' WATER SHED FORK OF REEDY CREEK

DISTRICT REEDY COUNTY ROANE

QUADRANGLE REEDY, WV 7.5'

SURFACE OWNER DAVID JARVIS ACREAGE 31

OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION LOWER HURON ESTIMATED DEPTH _____

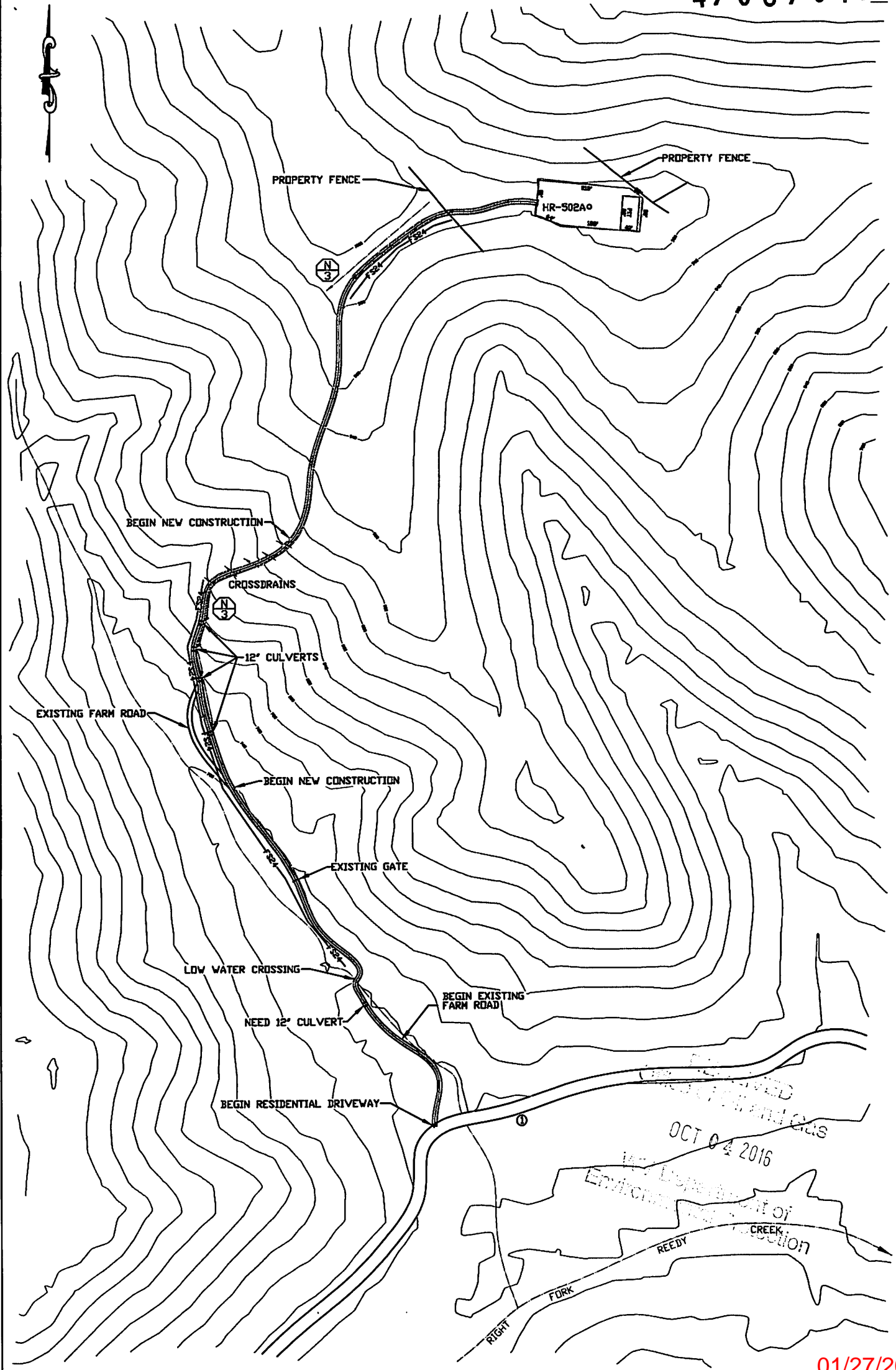
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS

ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

FURMAN

COUNTY NAME PERMIT

01/27/2017



01/27/2017

LEGEND		EROSION AND SEDIMENT CONTROL PLAN	
	PROVIDE FLEXTERRA HIGH PERFORMANCE FLEXIBLE GROWTH MEDIUM (HP-FLM) ON CUT AND FILL SLOPES		STREAM
	LEVEL SPREADER		PROPERTY LINE
	DIVERSION DITCH		SLOPE AREA
	BERM OUTLET		WETLAND
			24" COMPOST FILTER SOCK AS REQUIRED
		HARD ROCK EXPLORATION PROPOSED WELL # HR-502A REEDY DISTRICT, ROANE COUNTY REEDY QUAD, WV 7.5' DECEMBER 11, 2014 TRUE LINE SURVEYING 6211 FAIRVIEW DR. HUNTINGTON, WV 25705	
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