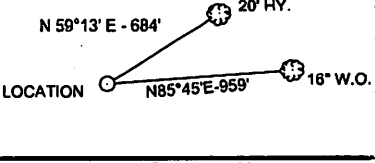
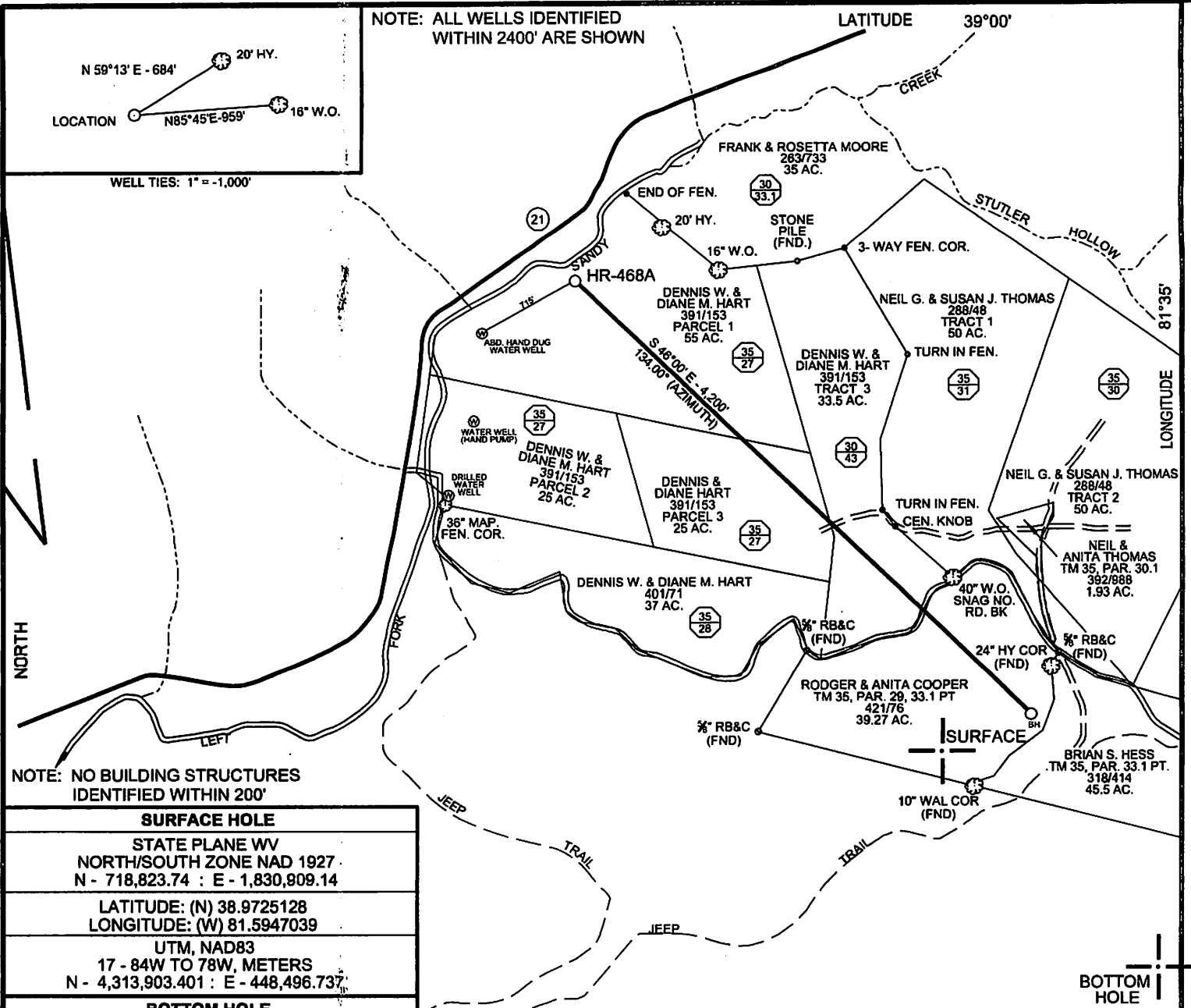


NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN



WELL TIES: 1" = -1,000'

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

**SURFACE HOLE**

STATE PLANE WV  
NORTH/SOUTH ZONE NAD 1927  
N - 718,823.74 : E - 1,830,809.14

LATITUDE: (N) 38.9725128  
LONGITUDE: (W) 81.5947039

UTM, NAD83  
17 - 84W TO 78W, METERS  
N - 4,313,903.401 : E - 448,496.737

**BOTTOM HOLE**

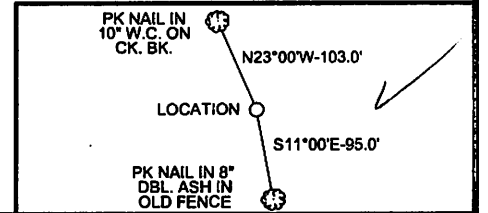
STATE PLANE WV  
NORTH/SOUTH ZONE NAD 1927  
N - 715,906.172 : E - 1,833,930.369

LATITUDE: (N) 38.9645553  
LONGITUDE: (W) 81.5840137

UTM, NAD83  
17 - 84W TO 78W, METERS  
N - 4,313,014.384 : E - 449,417.098

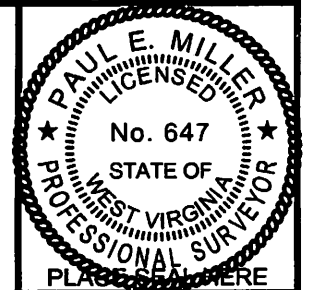
( + ) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

REFERENCES: 1" = 200'



FILE NO. HR-468A.DGN  
DRAWING NO. HR-468A-REV.  
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 SEPTEMBER 21, 20 12  
OPERATOR'S WELL NO. HR-468A  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 612' WATER SHED LEFT FORK OF SANDY CREEK  
DISTRICT GRANT COUNTY JACKSON  
QUADRANGLE LIVERPOOL, WV 7.5'

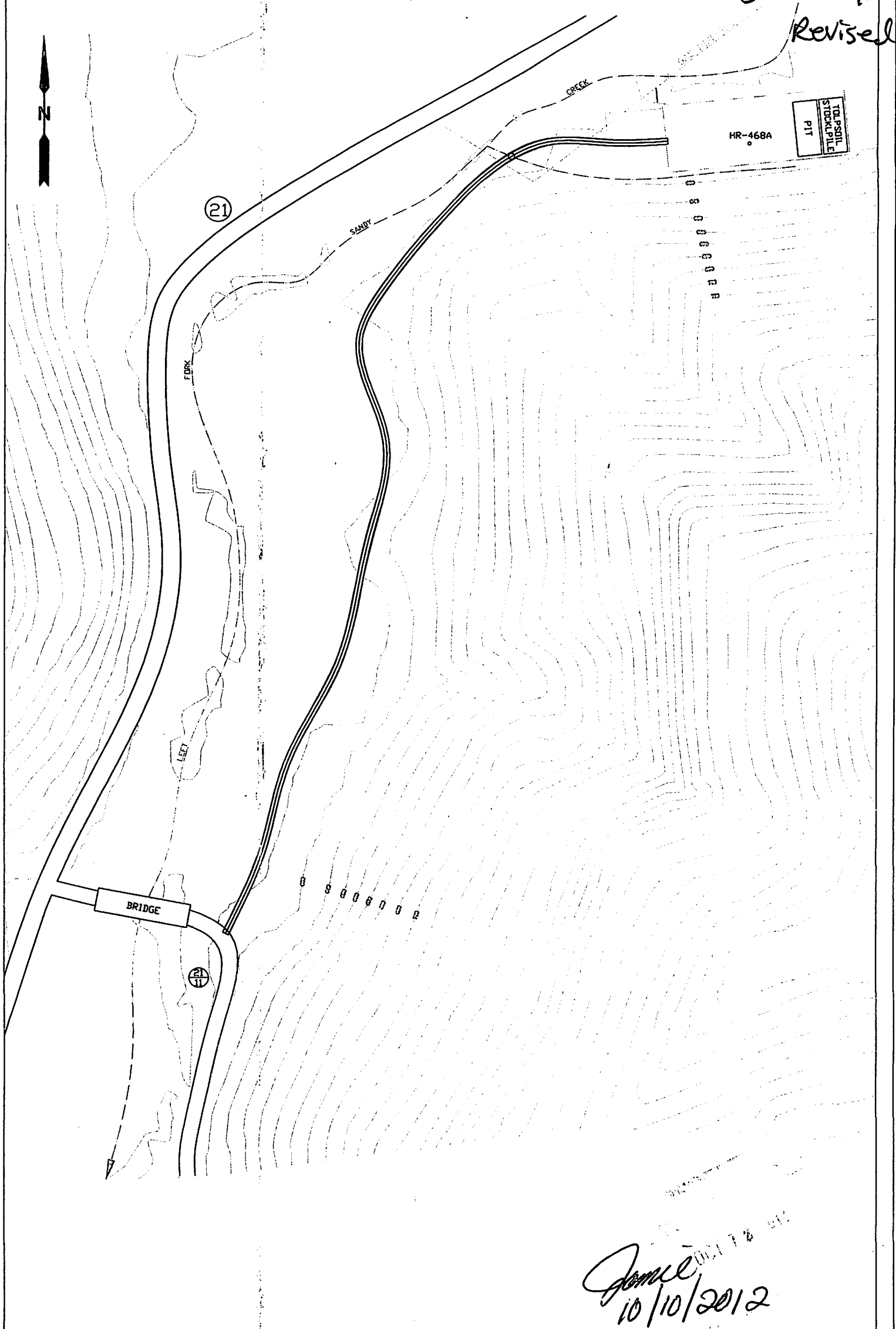
SURFACE OWNER DENNIS W. & DIANE M. HART ACREAGE 55  
OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_

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

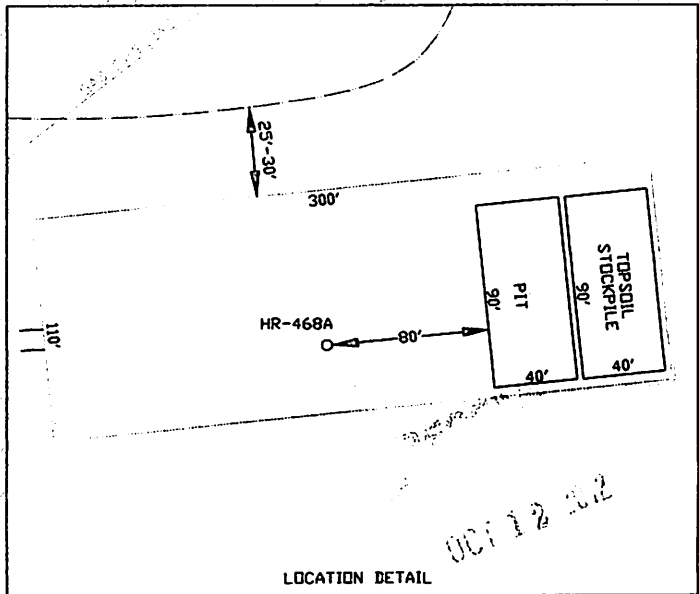
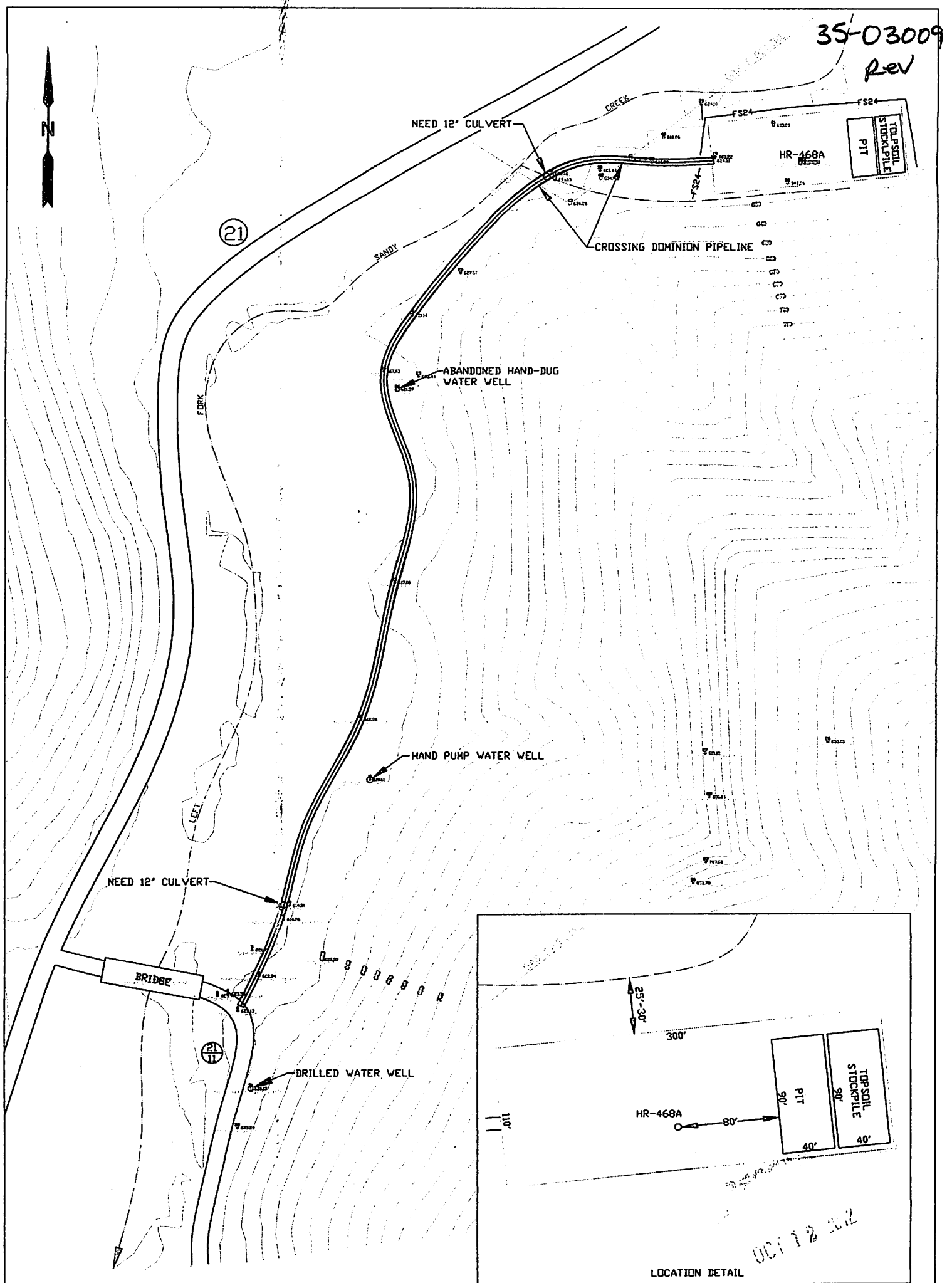
PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION LOWER HURON ESTIMATED DEPTH \_\_\_\_\_  
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS  
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

FORM WW-6

COUNTY NAME  
PERMIT



DISTURBED AREAS		LEGEND		SITE PLAN	
WELL PAD CONSTRUCTION	0.77 AC.	-----	STREAM	HARD ROCK EXPLORATION PROPOSED WELL # HR-468A	
NEW ACCESS ROAD CONSTRUCTION	0.42 AC.	=====	PROPERTY LINE	GRANT DISTRICT, JACKSON COUNTY LIVERPOOL QUAD, WV 7.5'	
ADDITIONAL CLEARING		[Shaded Box]	SLOPE AREA	SEPTEMBER 24, 2012	
		[Dotted Box]	WETLAND	TRUE LINE SURVEYING 6211 FAIRVIEW DR. HUNTINGTON, WV 25705	
TOTAL DISTURBED AREA	1.19 AC.	[Thick Line Box]	BUFFER AREA	PAGE 1 OF 1	



OCT 12 2012

*Janice*  
10/10/2012

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-468A GRANT DISTRICT, JACKSON COUNTY LIVERPOOL QUAD, WV 7.3' SEPTEMBER 24, 2012 TRUE LINE SURVEYING 6211 FAIRVIEW DR. HUNTINGTON, WV 25705	
		PAGE 1 OF 1	