



west virginia department of environmental protection

Office of Oil and Gas
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 07, 2016

FINAL INSPECTION REPORT

Horizontal Well Permit Cancelled

HARD ROCK EXPLORATION, INC.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-8704736, issued to HARD ROCK EXPLORATION, INC., and listed below has been received in this office. The permit has been cancelled as of 3/1/2016.

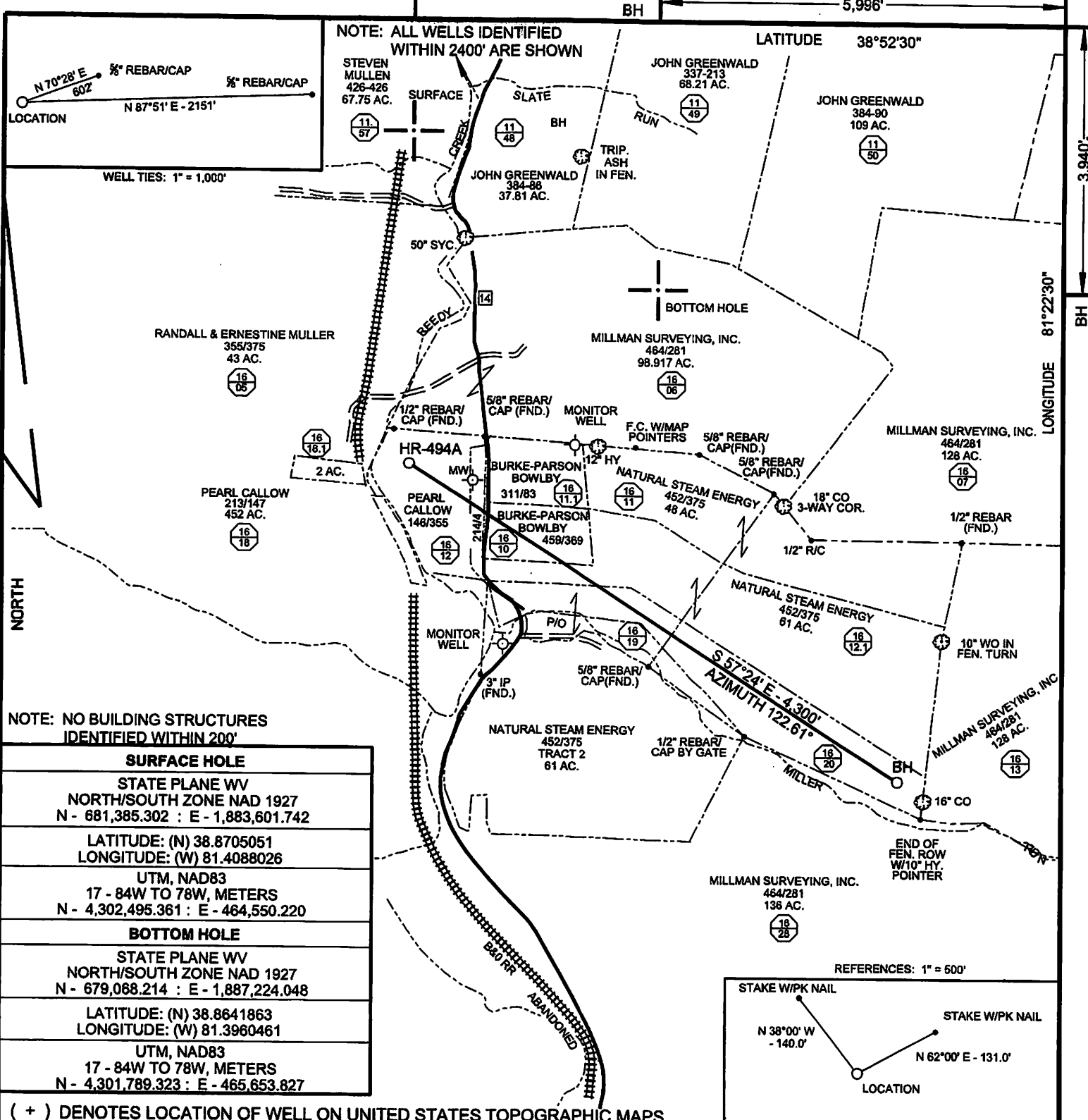
James Martin
Chief

Operator: HARD ROCK EXPLORATION, INC.
Operator's Well No: HR-494A
Farm Name: CALLOW , PEARL ., ET. AL.
API Well Number: 47-8704736
Date Issued: 07/09/2013

Date Cancelled: 03/01/2016

Promoting a healthy environment.

03/11/2016



| SURFACE HOLE | |
|--|--|
| STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 681,385.302 : E - 1,883,601.742 | |
| LATITUDE: (N) 38.8705051 LONGITUDE: (W) 81.4088026 | |
| UTM, NAD83 17 - 84W TO 78W, METERS N - 4,302,495.361 : E - 464,550.220 | |
| BOTTOM HOLE | |
| STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 679,068.214 : E - 1,887,224.048 | |
| LATITUDE: (N) 38.8641863 LONGITUDE: (W) 81.3960461 | |
| UTM, NAD83 17 - 84W TO 78W, METERS N - 4,301,789.323 : E - 465,653.827 | |

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

FILE NO. HR-494A.DGN

DRAWING NO. HR-494

SCALE 1" = 1000'

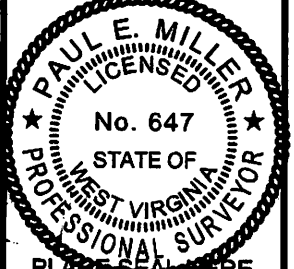
MINIMUM DEGREE OF ACCURACY 1:200

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 FEBRUARY 6, 20 13

OPERATOR'S WELL NO. HR-494A

API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 678' WATER SHED REEDY CREEK

DISTRICT REEDY COUNTY ROANE

QUADRANGLE PENIEL, WV 7.5'

SURFACE OWNER PEARL CALLOW, et. al. ACREAGE 20

OIL & GAS ROYALTY OWNER Callow, Carpenter, Griner, Elkins, Harlow, Hutson, Jackson, Mannion, et al. LEASE ACREAGE 594.71

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 8370' MD; 4290' TUD

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

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

DATE 03/11/2016

FORM WVW-6

COUNTY NAME PERMIT