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**west virginia** department of environmental protection

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Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

March 07, 2016

## **FINAL INSPECTION REPORT**

### **New Well Permit Cancelled**

HARD ROCK EXPLORATION, INC.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-3502981, 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.

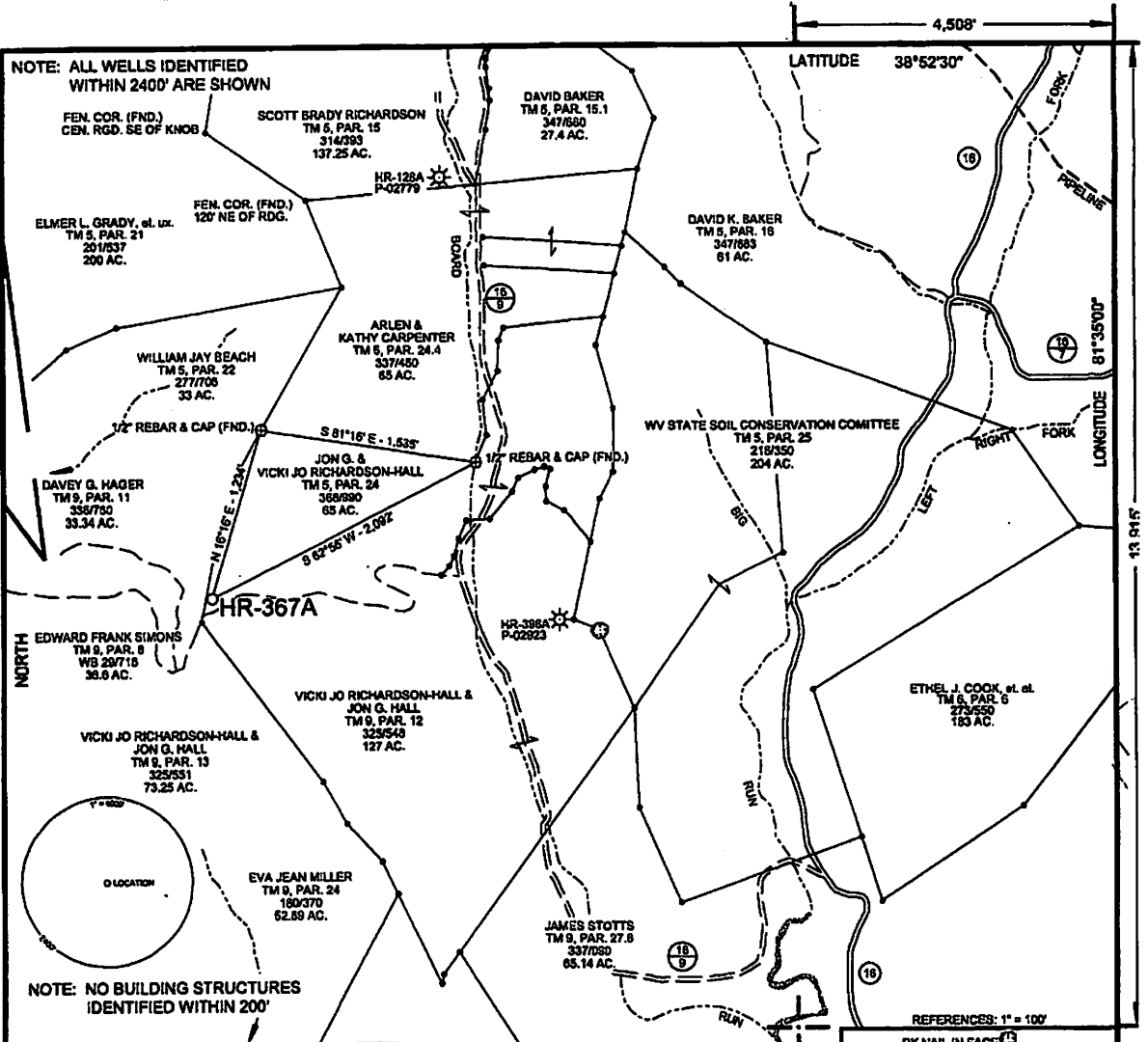
James Martin  
Chief

Operator: HARD ROCK EXPLORATION, INC.  
Operator's Well No: HR 367  
Farm Name: HALL, JON G. & VICKI JO  
**API Well Number: 47-3502981**  
Date Issued: 09/09/2010

Date Cancelled: 03/01/2016

**Promoting a healthy environment.**

**03/11/2016**



NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

FEN. COR. (FND.) CEN. RGD. SE OF KNOB

SCOTT BRADY RICHARDSON TM 5, PAR. 15 314/393 137.25 AC.

DAVID BAKER TM 5, PAR. 15.1 347/660 27.4 AC.

ELMER L. GRADY, et. ux. TM 5, PAR. 21 201/537 200 AC.

FEN. COR. (FND.) 120' NE OF RDG.

ARLEN & KATHY CARPENTER TM 9, PAR. 24.A 337/450 65 AC.

WV STATE SOIL CONSERVATION COMMITTEE TM 5, PAR. 25 218/350 204 AC.

WILLIAM JAY BEACH TM 5, PAR. 22 277/700 33 AC.

1/2 REBAR & CAP (FND.)

JON G. & VICKI JO RICHARDSON-HALL TM 5, PAR. 24 368/890 65 AC.

1/2 REBAR & CAP (FND.)

DAVEY G. HAGER TM 9, PAR. 11 338/750 33.34 AC.

EDWARD FRANK SIMONS TM 9, PAR. 8 WB 297/18 36.0 AC.

VICKI JO RICHARDSON-HALL & JON G. HALL TM 9, PAR. 13 325/551 73.25 AC.

VICKI JO RICHARDSON-HALL & JON G. HALL TM 9, PAR. 12 325/548 127 AC.

EVA JEAN MILLER TM 9, PAR. 24 180/370 62.69 AC.

JAMES STOTTS TM 9, PAR. 27.8 337/050 65.14 AC.

CORRINE PARSONS TM 9, PAR. 26.1 WB 45/920 151.0 AC.

CORRINE PARSONS TM 9, PAR. 28 WB 45/920 69 AC.

ETHEL J. COOK, et. al. TM 6, PAR. 6 273/550 183 AC.

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

WELL SITE

STATE PLANE WV SOUTH ZONE NAD 1927  
N - 669,403.44 : E - 1,829,322.91

LATITUDE: (N) 38°50'12"  
LONGITUDE: (W) 81°35'57"

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

FILE NO. HR-367A.DGN

DRAWING NO. HR-367A

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 12, 20 08

OPERATOR'S WELL NO. HR-367A

API WELL NO. 47 035 - 02981

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  STATE 47 COUNTY 035 PERMIT 02981

(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW  **CANCELLED**

LOCATION: ELEVATION 847 WATER SHED BOARD RUN OF BIG RUN CREEK

DISTRICT WASHINGTON COUNTY JACKSON

QUADRANGLE GAY, WV 7.5'

SURFACE OWNER VICKI JO RICHARDSON-HALL & JON G. HALL ACREAGE 65

OIL & GAS ROYALTY OWNER Walter & Lisa Hartley et al LEASE ACREAGE 6.5

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 DEVONIAN SHALE ESTIMATED DEPTH 5310'

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

ADDRESS 2034 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

FORM WW-6

COUNTY NAME

PERMIT

03/11/2016

**INSPECTORS PERMIT SUMMARY FORM**

GPS YES [ ] NO [ ]

DATE STARTED/LOCATION: Never Drilled OPERATOR: HARD ROCK EXPLORATION, INC.  
 DRILLING COMMENCED: \_\_\_\_\_ FARM: HALL, JON G. & VICKI JO  
 TO DATE: \_\_\_\_\_ DEPTHS: \_\_\_\_\_ Well No: HR 367  
 WATER DEPTHS: \_\_\_\_\_ COAL DEPTHS \_\_\_\_\_

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

**POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.**

1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
  - A. CONSTRUCTION YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
  - B. DRILLING YES [ ] NO [ ] (2\_PTS)
2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [ ] NO [ ] (4\_PTS) (4\_PTS) \_\_\_\_\_
4. CONSTRUCTIONS:  
WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
  - A. ROAD DITCHES (1)\_ (2)\_ (3)\_ (4)\_ (PTS) B. CROSS DRAINS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS)
  - C. CULVERTS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS) D. CREEK CROSSINGS (1)\_ (2)\_ (3)\_ (PTS)
  - E. DIVERSION DITCHES (1)\_ (2)\_ (3)\_ (PTS) F. BARRIERS (1)\_ (2)\_ (3)\_ (PTS)
  - G. TEMPORARY SEEDING YES [ ] NO [ ] (10\_PTS)

**POINTS AVAILABLE FOR QUESTION 4: (33\_PTS) \_\_\_\_\_**

5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [ ] NO [ ] (2\_PTS) (2\_PTS) \_\_\_\_\_
6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [ ] NO [ ] (9\_PTS) (9\_PTS) \_\_\_\_\_
7. RECLAMATION:
  - A. ROADWAY (1)\_ (2)\_ (3)\_ (PTS) B. LOCATION (1)\_ (2)\_ (3)\_ (PTS)
  - C. PITS (1)\_ (2)\_ (3)\_ (PTS) D. PIPELINES (1)\_ (2)\_ (3)\_ (PTS)
  - E. TANK DIKES (1)\_ (2)\_ (3)\_ (PTS) F. API INSTALLED YES [ ] NO [ ] (3\_PTS)
  - G. ADEQUATE SEEDING MATERIALS (1)\_ (2)\_ (3)\_ (PTS)
  - H. WAS SEED BED ADEQUATE (1)\_ (2)\_ (3)\_ (PTS)

**POINTS AVAILABLE FOR QUESTION 7: (24\_PTS) \_\_\_\_\_**

8. WAS RECLAMATION COMPLETED WITHIN:  
6 MTHS OF TD 6\_PTS ONLY; 4 MTHS OF TD 12\_PTS ONLY; 2 MTHS OF TD 19\_PTS ONLY;

**POINTS AVAILABLE FOR QUESTION 8: (19\_PTS) \_\_\_\_\_**

**TOTAL MAXIMUM POSSIBLE SCORE OF 99.**

**TOTAL RECLAMATION SCORE: \_\_\_\_\_**

3/1/2016  
DATE RELEASED Cancelled

Jaqueline Thornton  
INSPECTOR'S SIGNATURE