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**west virginia** department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://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: 47-8704710, 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.

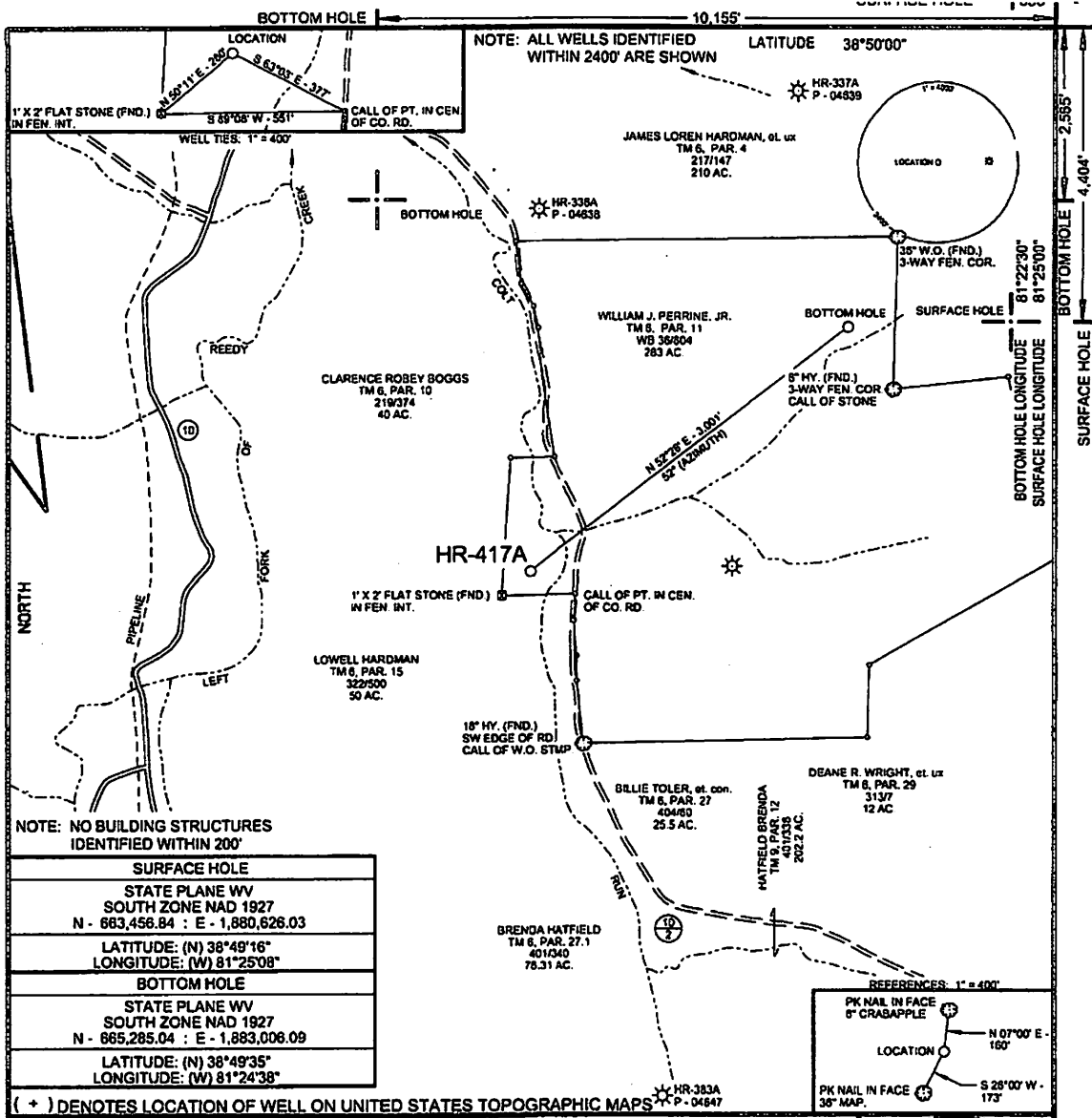
James Martin  
Chief

Operator: HARD ROCK EXPLORATION, INC.  
Operator's Well No: HR-417  
Farm Name: PERRINE, WILLIAM J. JR.  
**API Well Number: 47-8704710**  
Date Issued: 10/28/2011

Date Cancelled: 03/01/2016

**Promoting a healthy environment.**

**03/11/2016**



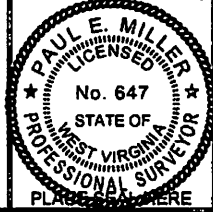
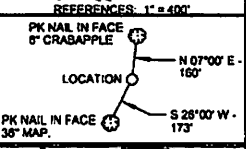
NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

<b>SURFACE HOLE</b>
STATE PLANE WV SOUTH ZONE NAD 1927 N - 663,456.84 : E - 1,880,626.03 LATITUDE: (N) 38°49'16" LONGITUDE: (W) 81°25'08"
<b>BOTTOM HOLE</b>
STATE PLANE WV SOUTH ZONE NAD 1927 N - 665,285.04 : E - 1,883,006.09 LATITUDE: (N) 38°49'35" LONGITUDE: (W) 81°24'38"

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

FILE NO.	HR-417A.DGN
DRAWING NO.	HR-417A
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) *[Signature]*  
R.P.E. \_\_\_\_\_ L.L.S. 647



FORM WW-6

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION		DATE <u>AUGUST 16</u> , 20 <u>11</u> OPERATOR'S WELL NO. <u>HR-417A</u> API WELL NO. _____
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF "GAS,") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>		STATE <u>47</u> COUNTY <u>087</u> PERMITS <u>04710H</u>
LOCATION: ELEVATION <u>780'</u> WATER SHED _____ COLT RUN OF LEFT FORK OF REEDY CREEK		<b>CANCELLED</b>
DISTRICT <u>CURTIS</u> COUNTY <u>ROANE</u>		COUNTY NAME
QUADRANGLE <u>PENIEL WV 7.5'</u>		PERMIT
SURFACE OWNER <u>WILLIAM J. PERRINE, JR.</u> ACREAGE <u>283</u>		
OIL & GAS ROYALTY OWNER <u>WILLIAM J. PERRINE, JR., MARY KATHERINE JONES</u> LEASE ACREAGE <u>283</u>		
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 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 <u>6935' MD; 4410' TUD</u>		
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>		

03/11/2016

**INSPECTORS PERMIT SUMMARY FORM**

GPS YES [ ] NO [ ]

DATE STARTED/LOCATION: Never drilled OPERATOR: HARD ROCK EXPLORATION, INC.  
 DRILLING COMMENCED: \_\_\_\_\_ FARM: PERRINE, WILLIAM J. JR.  
 TO DATE: \_\_\_\_\_ DEPTHS: \_\_\_\_\_ Well No: HR-417  
 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

Paquelin Thornton  
INSPECTOR'S SIGNATURE