



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

November 19, 2015

FINAL INSPECTION REPORT

Horizontal Well Permit Cancelled

HARD ROCK EXPLORATION, INC.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-1100996, issued to HARD ROCK EXPLORATION, INC., and listed below has been received in this office. The permit has been cancelled as of 11/16/2015.

James Martin
Chief

Operator: HARD ROCK EXPLORATION, INC.
Operator's Well No: HR-497B
Farm Name: KINGERY, ROGER D. & SANDRA
API Well Number: 47-1100996
Date Issued: 12/02/2013

Date Cancelled: 11/16/2015

Promoting a healthy environment.

11/20/2015

INSPECTORS PERMIT SUMMARY FORM

PAGE 1

GPS YES [] NO []

DATE STARTED/LOCATION: _____ API #: _____

DRILLING COMMENCED: _____ OPERATOR: Hard Rock

TD DATE: _____ DEPTH: _____ FARM: Sanders & Rodger Insery

WATER DEPTHS _____ COAL DEPTHS _____

WELL NO. HR-497B

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) B. DRILLING YES [] NO [] (2 PTS)
2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES [] NO [] (4 PTS)

3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [] NO [] (4 PTS)

4. CONSTRUCTION: 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)
- THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [] NO [] (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 OR 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.
- MAXIMUM POINTS AVAILABLE FOR QUESTION 8: (19 PTS)

TOTAL MAXIMUM POSSIBLE SCORE OF 99.

TOTAL RECLAMATION SCORE: 0

INSPECTIONS:

Received

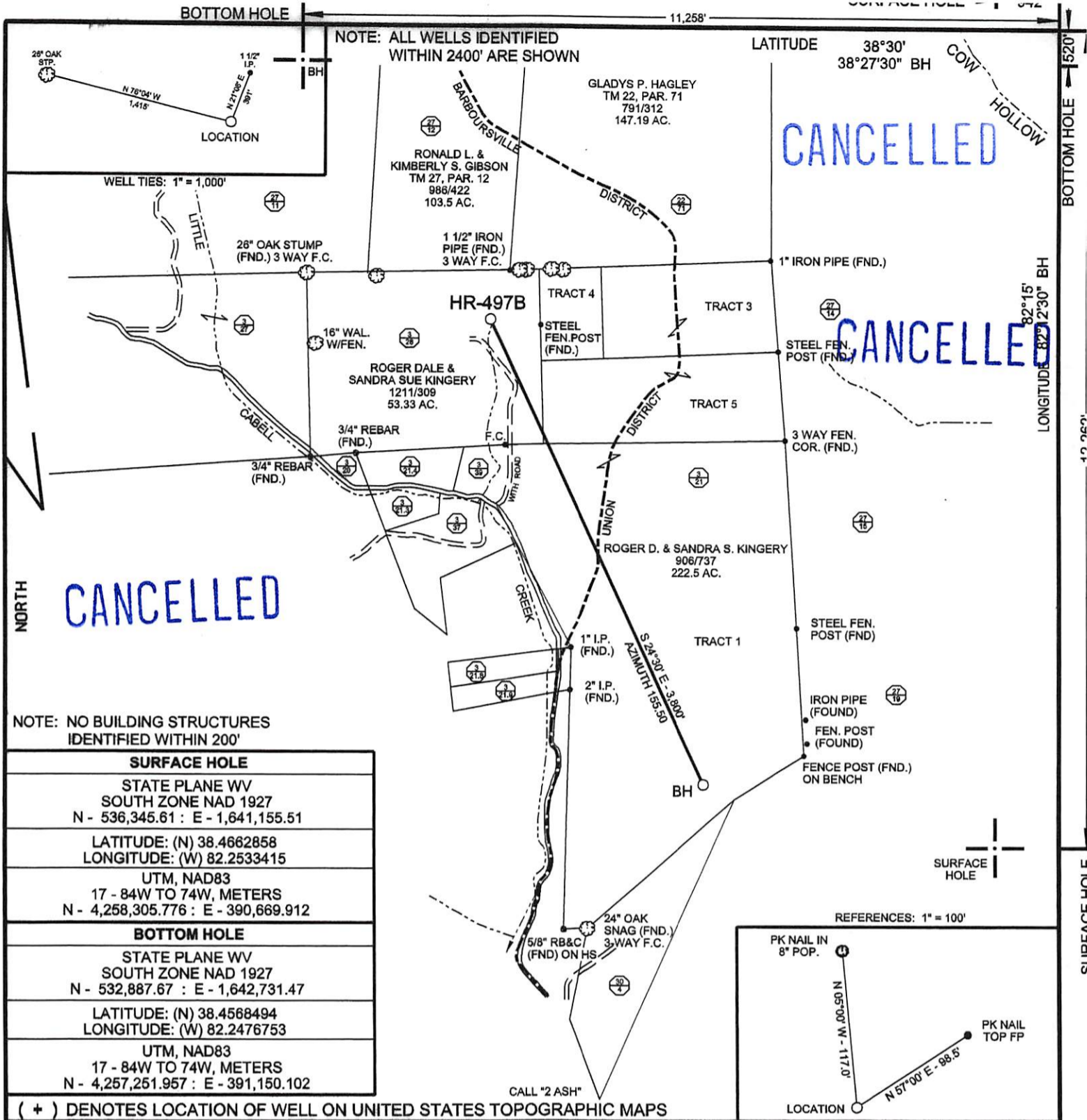
NOV 17 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

11-16-2015
DATE RELEASED

[Signature]
INSPECTOR

11/20/2015



| SURFACE HOLE | |
|--|--|
| STATE PLANE WV SOUTH ZONE NAD 1927 N - 536,345.61 : E - 1,641,155.51 | |
| LATITUDE: (N) 38.4662858 LONGITUDE: (W) 82.2533415 | |
| UTM, NAD83 17 - 84W TO 74W, METERS N - 4,258,305.776 : E - 390,669.912 | |
| BOTTOM HOLE | |
| STATE PLANE WV SOUTH ZONE NAD 1927 N - 532,887.67 : E - 1,642,731.47 | |
| LATITUDE: (N) 38.4568494 LONGITUDE: (W) 82.2476753 | |
| UTM, NAD83 17 - 84W TO 74W, METERS N - 4,257,251.957 : E - 391,150.102 | |

| | |
|----------------------------|-------------------|
| FILE NO. | HR-497B.DGN |
| DRAWING NO. | HR-497B |
| 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 NOVEMBER 13, 2013
OPERATOR'S WELL NO. HR-497B
API WELL NO. _____

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

LOCATION: ELEVATION 664' WATER SHED LITTLE CABELL CREEK OF BLUE SULPHUR
DISTRICT BARBOURSVILLE COUNTY CABELL
QUADRANGLE BARBOURSVILLE, WV 7.5'

SURFACE OWNER ROGER D. AND SANDRA S. KINGERY ACREAGE 53.33
OIL & GAS ROYALTY OWNER Roger + Sandra Kingery LEASE ACREAGE 231
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 6870' MD; 3300' TVD

WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

STATE 47 COUNTY 011 PERMIT 00996 H

DATE: 11/20/2015

FORM WW-6

COUNTY NAME PERMIT