

west virginia department of environmental protection

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

February 02, 2016

FINAL INSPECTION REPORT

Well Permit Cancelled

MOUNTAINEER KEYSTONE, LLC,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-103325, issued to MOUNTAINEER KEYSTONE, LLC, and listed below has been received in this office. The permit has been cancelled as of 2/1/2016.

James Martin Chief

Operator: MOUNTAINEER KEYSTONE, LLC

Operator's Well No: HOWDERSHELT 211

Farm Name: HOWDERSHELT, MELVIN & REN

API Well Number: 47-103325 Date Issued: 01/31/2014

Date Cancelled: 02/01/2016

Promoting a healthy environment.

INSPECTORS PERMIT SUMMARY FORM

GPS YES |] NO |]

DRILLING COMMENCED: DEPTHS: WHINO: WOUDERSHELT, MELVIN & HOWDERSHELT, MELVIN & COAL DEPTHS: WATER DEPTHS: COAL DEPTHS: QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 3SI 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. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES[] NO[] (2-PTS) 3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES[] NO[] (4-PTS) (4-FT) 4. CONSTRUCTIONS: WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINANCE (1)-(2)-(3)-(4)-(5)-(7)-75 (1)-(2)-(3)-(4)-(5)-(7)-75 (1)-(2)-(3)-(4)-(5)-(7)-75 (1)-(2)-(3)-(4)-(5)-(7)-75 (1)-(2)-(3)-(4)-(5)-(7)-75 (1)-(2)-(3)-(4)-(5)-(7)-75 (1)-(2)-(3)-(7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (2-7)-75 (1)-(2)-(3)-(7)-75 (TOR: MOUNTAINEER KEYSTONE, LLC	OPERATOR:	N:	DATE STARTED/LOCATION
TO DATE:	HOWDERSHELT, MELVIN & RENEF	FARM:		
WATER DEPTHS: COAL DEPTHS QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WY CODE 22-6-30 AND REGULATIONS 35/4-12.1 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-PT) B. DRILLING YES[] NO[] (2-PTS) (4-PT) C. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS (4-PT) BEFORE DIRT WORK STARTED? YES[] NO[] (4-PTS) (4-PT) 3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES[] NO[] (4-PTS) (4-PT) 4. CONSTRUCTIONS: WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINANCE (1)-(2)-(3)-(4)-(5)-(PTS) (1)-(2)-(3)-(4)-(5)-(PTS) (1)-(2)-(3)-(PTS) (1)-(2)-(3)-(PTS) (1)-(2)-(3)-(PTS) (1)-(2)-(3)-(PTS) (1)-(2)-(3)-(PTS) (1)-(2)-(3)-(PTS) (1)-(2)-(3)-(PTS) (1)-(2)-(3)-(PTS) (2-PTS) (2-PT	HOWDERSHELT 211		•	
QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35: 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) A. CONSTRUCTION YES[] NO[] (2-PTS) 2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES[] NO[] (2-PTS) 3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES[] NO[] (4-PTS) (4-FT) 4. CONSTRUCTIONS: WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAI A. ROAD DITCHES (1), (2), (3), (4), (7)TS) B. CROSS DRAINS (1), (2), (3), (4), (5), (PTS) C. CULVERTS (1), (2), (3), (PTS) B. CROSS DRAINS (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, 14), (33, 14), (33, 14), (34), (34), (35, 14), (35,	DEPTHS			
1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING: A. CONSTRUCTION YES[] NO[] (2-PTS) (4-PT) B. DRILLING YES[] NO[] (2-PTS) 2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS (4-PT) BEFORE DIRT WORK STARTED? YES[] NO[] (2-PTS) 3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES[] NO[] (4-PTS) (4-PT) 4. CONSTRUCTIONS: WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINAL A. ROAD DITCHES (1)_(2)_(3)_(4)_(FTS) B. CROSS DRAINS (1)_(2)_(3)_(4)_(5)_C. CULVERTS (1)_(2)_(3)_(4)_(5)_(FTS) D. CREEK CROSSINGS (1)_(2)_(3)_(FTS) E. DIVERSION DITCHES (1)_(2)_(3)_(FTS) F. BARRIERS (1)_(2)_(3)_(FTS) 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)_(FTS) B. LOCATION (1)_(2)_(3)_(FTS) C. PITS (1)_(2)_(3)_(FTS) D. PIPELINES (1)_(2)_(3)_(FTS) E. TANK DIKES (1)_(2)_(3)_(FTS) F. API INSTALLED YES[] NO[] (3_PTS) G. ADEQUATE SEEDING MATERIALS (1)_(2)_(3)_(FTS) POINTS AVAILABLE FOR QUESTION 7: (24_PT) 8. WAS SEED BED ADEQUATE (1)_(2)_(3)_(FTS) POINTS AVAILABLE FOR QUESTION 7: (24_PT) 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_PT) POINTS AVAILABLE FOR QUESTION 8: (19_PT)	CODE 22-6-30 AND REGULATIONS 35CSR N CONTROL PERMIT.	DANCE OF WV CODE 22 TER POLLUTION CONTR	EPORT ARE IN ACCO ND THE GENERAL W	OUESTIONS FOR THIS RE
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2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS (A_PBEFORE DIRT WORK STARTED? YES [] NO [] (2_PTS) 3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [] NO [] (4_PTS) (4_PTS) (4_PTS) 4. CONSTRUCTIONS: WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAL 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_) 5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [] NO [] (2_PTS) (2_) 6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [] NO [] (9_PTS) (9_) 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_DETS) G. ADEQUATE SEEDING MATERIALS (1)_(2)_(3)_(PTS) H. WAS SEED BED ADEQUATE (1)_(2)_(3)_(PTS) POINTS AVAILABLE FOR QUESTION 7: (24_DETS) 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_DETS) AND 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_DETS)	(2_PTS) (4_PTS)	ES[] NO[] (2_PTS)		
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5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? 6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES[] NO[] (9_PTS) 7. RECLAMATION: A. ROADWAY A. ROA	EEK CROSSINGS (1)_(2)_(3)_(PTS) ARRIERS (1)_(2)_(3)_(PTS)	5)_(PTS)	(1)_(2)_(3)_(4)_ CHES (1)_(2)_(3)_(PTS	C. CULVERTS E. DIVERSION DITC
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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_ G. ADEQUATE SEEDING MATERIALS (1)_(2)_(3)_(PTS) H. WAS SEED BED ADEQUATE (1)_(2)_(3)_(PTS) POINTS AVAILABLE FOR QUESTION 7: (24_ 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_ **TOTAL MAXIMUM POSSIBLE SCORE OF 99.**				
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		AINIAINED: 163[]	LY INSTALLED AND I	6. IS THE PIT PROPERL
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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_			ADEQUATE	H. WAS SEED BED
TO THE RECOGNITION SOCIAL	LY; 2 MTHS OF TD 19_PTS ONLY; ALLABLE FOR QUESTION 8: (19_PTS)	in: FTD 12_PTS ONLY; 2 M POINTS AVAILABL 99.	rs only; 4 mths o	6 MTHS OF TD 6_PT
2-1-2016 Temmed Staymen	Tenur Staywelle	- Len	2016	2-1-

RECORD INSPECTIONS TO THIS WELL ON PAGE 2