




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: East Lease RDD	MINE/PROSPECTING ID#: P-2010-026	MINERAL: Oil Shale	COUNTY: Rio Blanco
INSPECTION TYPE: Mineral Prospect Inspection	INSPECTOR(S): Travis H. Marshall	INSP. DATE: August 14, 2018	INSP. TIME: 13:45
OPERATOR: Shell Frontier Oil & Gas	OPERATOR REPRESENTATIVE: Johanna Neuman	TYPE OF OPERATION: MP - Mineral Prospecting	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$2,864,975.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S. BLM	JOINT INSP. AGENCY: U.S. BLM	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 10, 2018	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted as part of the normal inspection program conducted by the Division of Reclamation, Mining and Safety (DRMS). Johanna Nueman and Samantha Valencia Baker of Shell Frontier Oil and Gas Inc. and Janet Doll and Paul Daggett with the BLM White River Field Office were present during the inspection.

All wells associated with this Notice of Intent have been plugged and abandoned.

All regrading and topsoil placement was completed. The pads have been seeded and moderate to successful vegetation has been established. It may require additional 1-3 additional growing seasons before the pads are eligible for a complete release.

The overall appearance of all sites observed was organized and free of unnecessary debris.

No evidence of erosion or off site damage from erosion was noted.

No significant infestations of noxious or other problematic weeds were observed at any of the areas visited during the inspection. Halogeton and cheat grass was observed in various location within the project area. This is not seen as a problem at this time due to the operator implementing an active weed management plan. It is highly advised that continuous monitoring and spraying of the halogeton and cheat grass occurs to prevent a future significant infestation which may delay a complete release. The operator stated that goats may be used on the site as a biological weed management if the BLM approves.

No problems or violations were observed during the inspection.

Photos that show the conditions observed during the inspection are included at the end of this report.

Responses to this inspection report should be directed to Travis Marshall at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone no. 970-241-2042.

PHOTOGRAPHS



Inspection Contact Address

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