




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: 2006/07 Geo-Hydro Drill & Core Prgm-Public	MINE/PROSPECTING ID#: P-2006-036	MINERAL: Oil shale	COUNTY: Rio Blanco
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Yeldell	INSP. DATE: June 29, 2021	INSP. TIME: 08:00
OPERATOR: Shell Frontier Oil & Gas Inc.	OPERATOR REPRESENTATIVE: Samantha Baker	TYPE OF OPERATION: MP - Mineral Prospecting	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$293,326.33	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: U.S.BLM	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 12, 2021	

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>N</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>N</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</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>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

Y = Inspected / 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 Colorado Division of Reclamation, Mining, and Safety normal monitoring program. The 2006-07 Geo-Hydro Drill & Core Program-Public is a Hard Rock NOI located in Rio Blanco County. Amy Yeldell of the Division conducted the inspection. Samantha Baker represented the Operator. Paul Daggett of the White River Field Office was also present.

The permitted NOI includes a total of 68.70 acres and has a required bond of \$50,621. In 2014 with the approval of MD-1 all uninstalled pads and boreholes were removed. Additionally in 2021, under SR-1, the bond was reduced based on progress towards the completion of final reclamation. The following pads remain permitted; 82-1-299, 84-1-299, Triad Access Road, 91-22-199, 92-22-199, 93-22-199, 94-22-199, and 95-22-199.

All hydrology wells have been abandoned and pads have been reclaimed. Reclamation efforts were completed in 2010 and 2014. Over all pads are stable with no signs of erosion. This summer has been extremely dry, with little to no spring time moisture and a below average snowfall leaving many areas stunted. All mining related debris has been removed from the site(s). Specific observations of each pad are listed below,

Pad 82-1-299: The heavily weed treated areas remain stunted. Grasses are patchy. Cheatgrass populations appear to be decreasing and desirable vegetation is coming in but more time is needed. Grazing pressures continue to be a limiting factor.

Pad 84-1-299: Good overall vegetative cover through sparse. Grazing and drought conditions are leaving grasses stunted. Cheatgrass populations are decreasing but spot weed treatment areas remain nearly bare of desirable vegetation.

Responses to this inspection report should be directed to Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

Samantha Baker
Shell Frontier Oil & Gas Inc.
150 N. Dairy Ashford, Bldg. E-1040G
Houston, TX 77079

Enclosure

CC:

Travis Marshall, Senior EPS, Grand Junction DRMS
Paul Daggett, White River Field Office, BLM

PHOTOGRAPHS





Photo Two: Pad 84-1-299