




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: 2009-10 RD&D East Lease Appraisal	MINE/PROSPECTING ID#: P-2009-024	MINERAL: Oil shale	COUNTY: Rio Blanco
INSPECTION TYPE: Mineral Prospect Inspection	INSPECTOR(S): Travis H. Marshall	INSP. DATE: July 23, 2014	INSP. TIME: 16:15
OPERATOR: Shell Frontier Oil & Gas Inc.	OPERATOR REPRESENTATIVE: Florentino Vuelas	TYPE OF OPERATION: MP - Mineral Prospecting	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$612,434.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S.BLM	JOINT INSP. AGENCY: U.S.BLM
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 12, 2014

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>Y</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>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</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). Florentino Vuelvas and Amy Yeldell of Shell Frontier Oil and Gas Inc. along with Janet Doll and Paul Daggett from the Bureau of Land Management were present during the inspection.

The condition of all hydrology pads and associated access roads was organized and free of unnecessary debris.

Topsoil stockpiles were observed at all pads associated with this NOI. The topsoil stockpiles had adequate interim vegetation to provide erosion protection and were clearly labeled with signs.

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

No infestations of noxious or other problematic weeds were observed at any of the pads visited during the inspection.

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

Florentino Vuelvas
Shell Frontier Oil & Gas Inc.
3333 Highway 6 South, M1074A
Houston, TX 77082-3101

CC: Paul Daggett
BLM WRFO
220 East Market Street
Meeker, CO 81641