

PUBLIC NOTICE
Preparation of an Environmental Assessment
Diamond 8 Federal Com No. 1H Frac Star

Microseismic, Inc. (Microseismic) has filed a Notice of Intent (NOI) to conduct a frac star array. This is a geophysical procedure in which ten receiver lines are laid out in a star pattern radiating outwards from the well to be stimulated. The lines are spaced radially at approximate 45 degree increments, with each line beginning approximately 1000 feet from the well head and will be approximately 8,700 to 13,300 feet in length with the longer lines centered over the well's lateral area to be stimulated. Receiver points will be every 100 feet with 12 geophones evenly spaced over the 100 foot. The "source" will be the perforating and fracturing procedure of the well to be stimulated. This procedure is used to more closely monitor the underground fracturing procedure of the well to be stimulated.

An Environmental Assessment (EA) will be required under the National Environmental Policy Act and Council for Environmental Quality regulations in order to assess the potential effects of the proposed geophysical exploration operation upon environmental resources in the project area.

The project area is located on federal land and is approximately 37 miles east of Loving, New Mexico. The receiver lines and geophones will be laid out across federal, private and state lands described as follows:

New Mexico Principal Meridian:

Diamond 8 Federal Com 1H location:

T.25S., R. 34E: Section 8, 660 FNL & 2310 FEL

Receiver lines:

T. 24S., R. 34E.: Section 33 (SE¹/₄)

T. 25S., R. 34E.: Section 04 (NW¹/₄ and SW¹/₄), section 05 (NE¹/₄, SE¹/₄, S¹/₂SW¹/₄), section 07 (NE¹/₄, N¹/₂NW¹/₄), section 8 (N¹/₂, SE¹/₄, N¹/₂SW¹/₄), section 17 (NW¹/₄, SE¹/₄, E¹/₂SW¹/₄), Section 18 (NW¹/₄), section 19 (W¹/₂NE¹/₄), section 20 (SE¹/₄NW¹/₄, NE¹/₄, NE¹/₄SW¹/₄), section 21 (NW¹/₄)

T. 25S., R. 33E.: Section 12 (N¹/₂NE¹/₄), section 13 (SE¹/₄NE¹/₄ and NE¹/₄SE¹/₄)

Through the scoping process for the Environmental Assessment, the Bureau of Land Management will identify and address any impacts to critical environmental resources including, but not limited to cultural resources, wildlife, cave and karst resources, soils, noxious and undesirable weeds, visual resource management, off highway vehicle management, and recreation.

The BLM Carlsbad Field Office must receive comments concerning the proposed geophysical exploration project in writing by the close of business on February 24, 2010.

Please address questions concerning the proposal or the Environmental Assessment, comments on the scope of the Environmental Assessment, and requests to receive a copy of the Environmental Assessment to:

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